

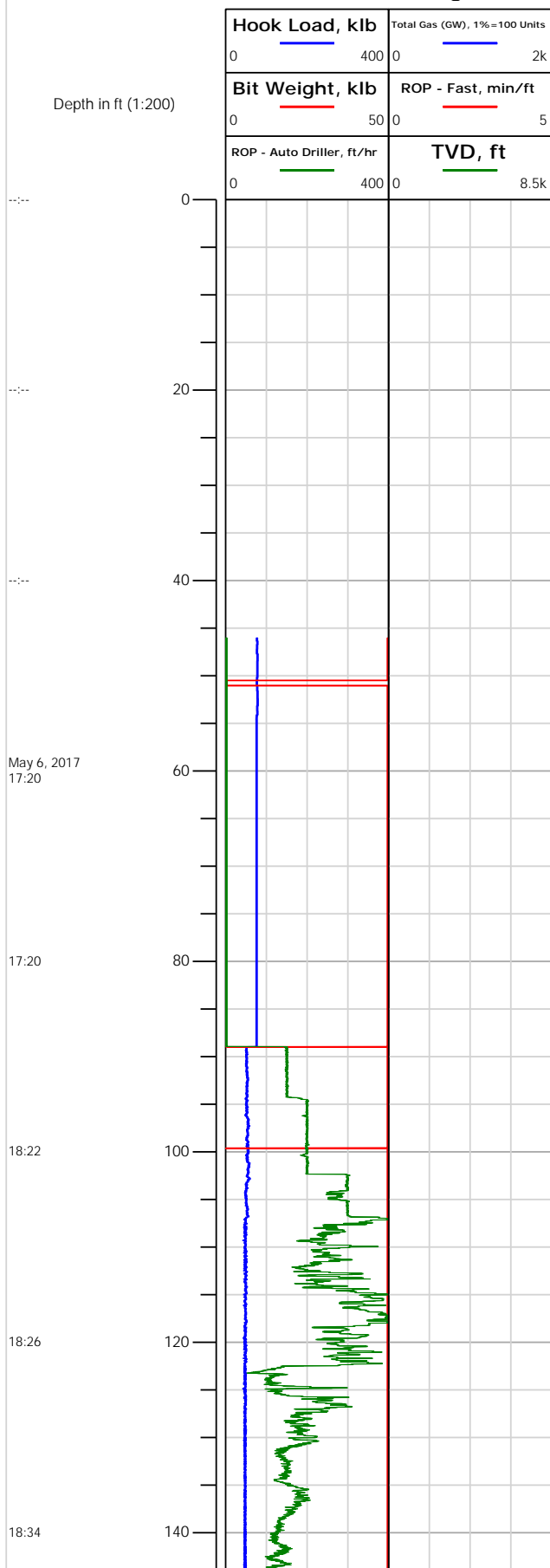


# Electronic Drilling Recorder

Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Piceance Federal 29-18E  
Rig: 522

Location:





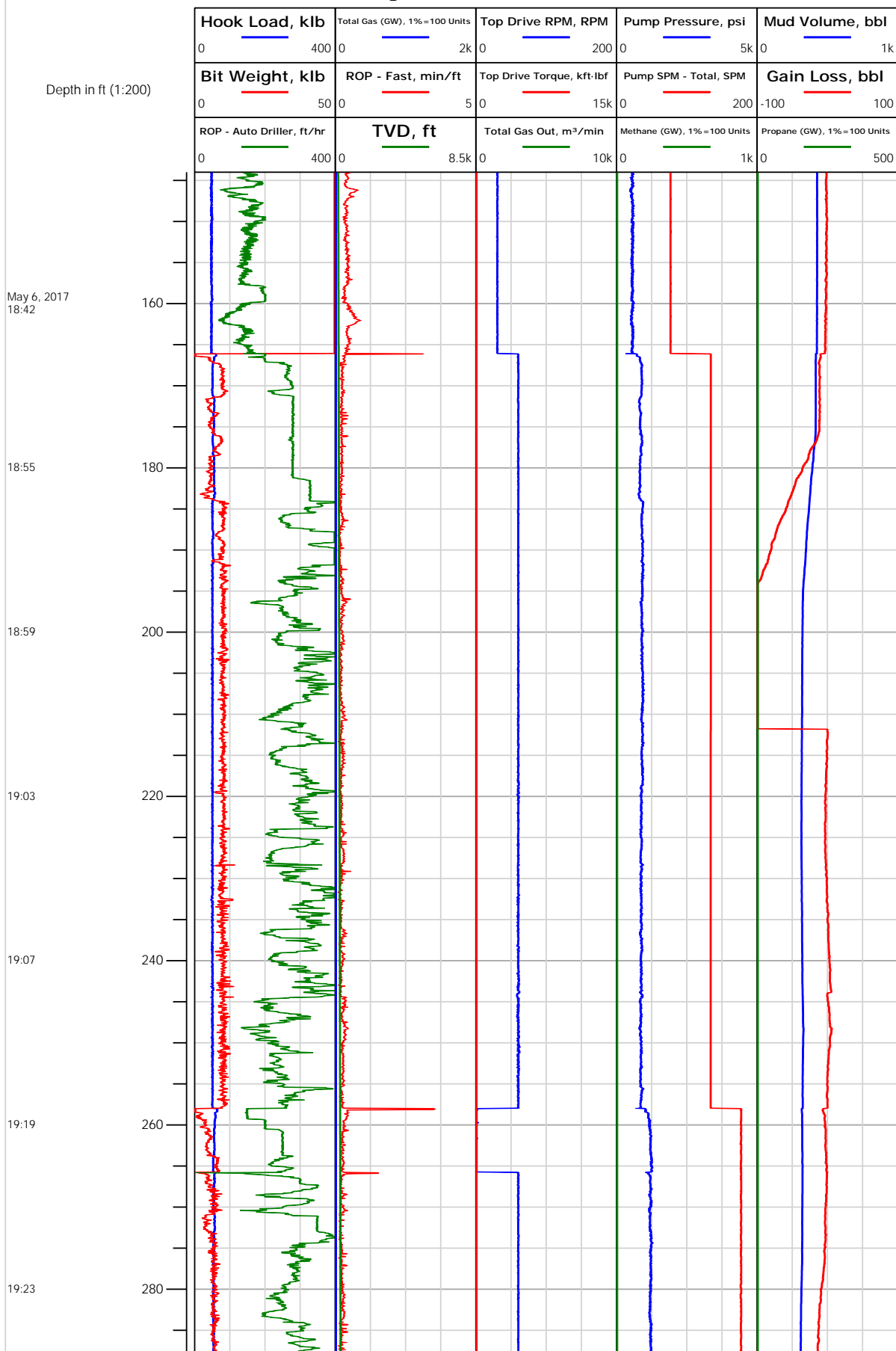
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes







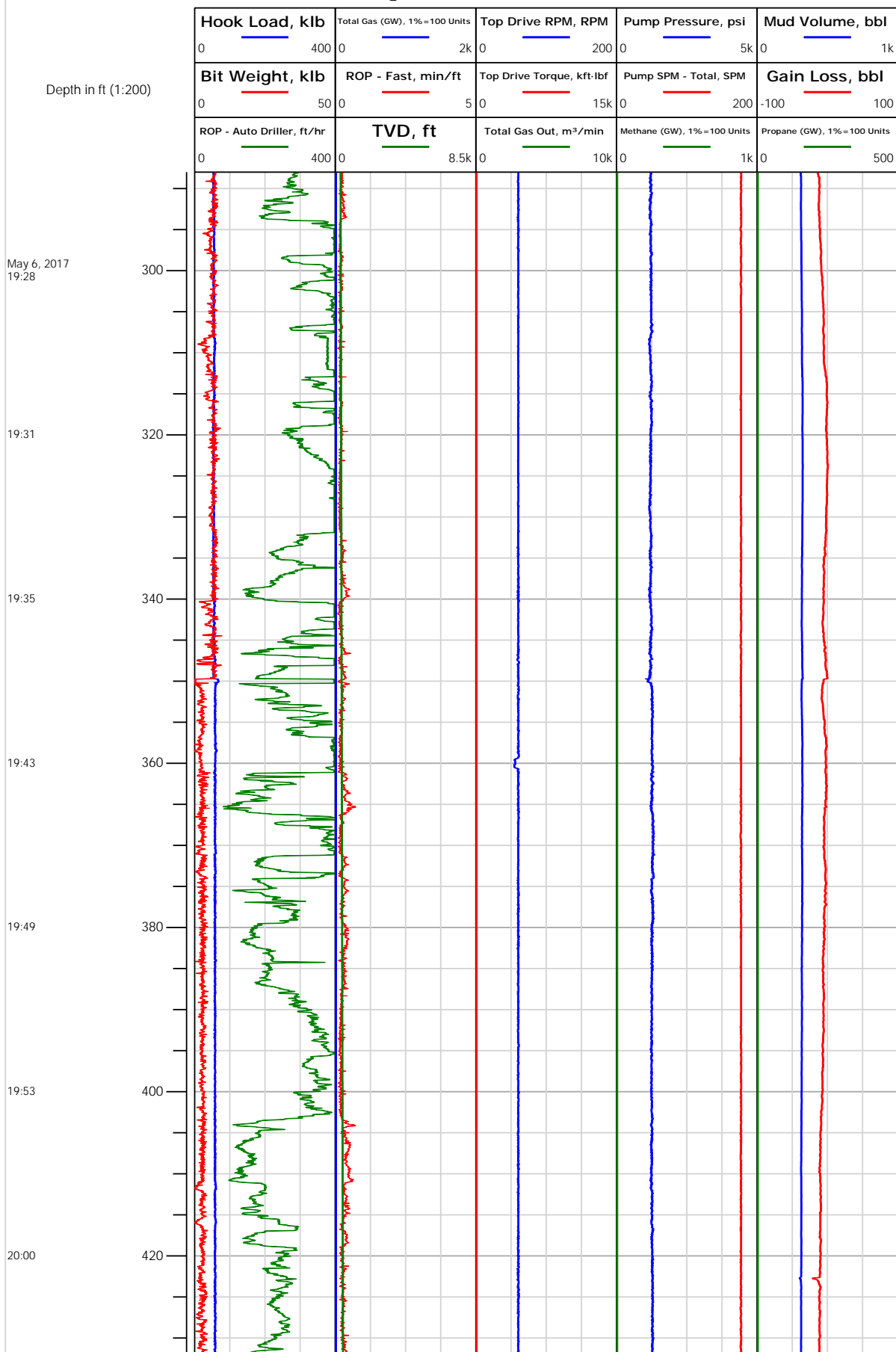
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





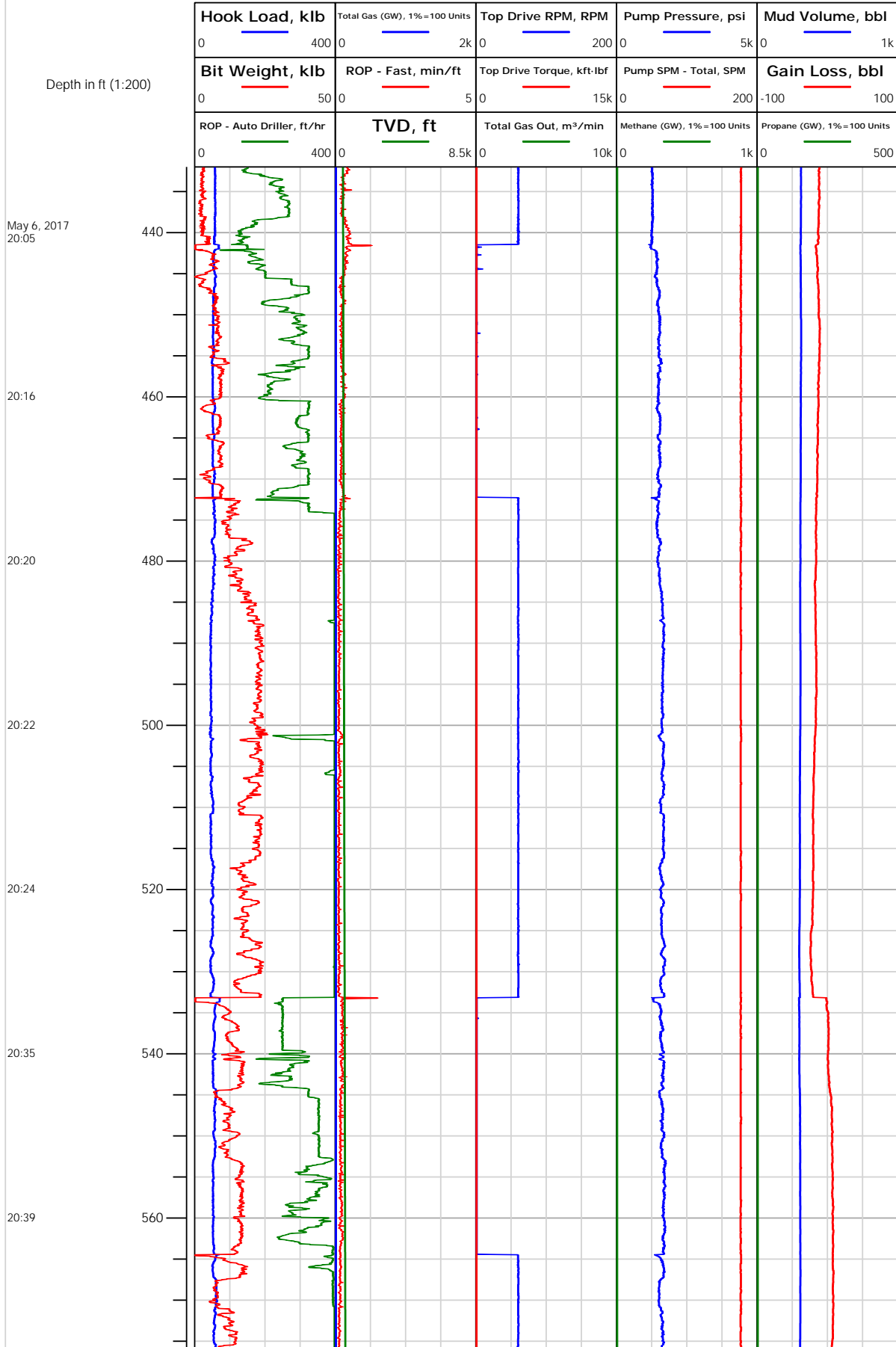
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





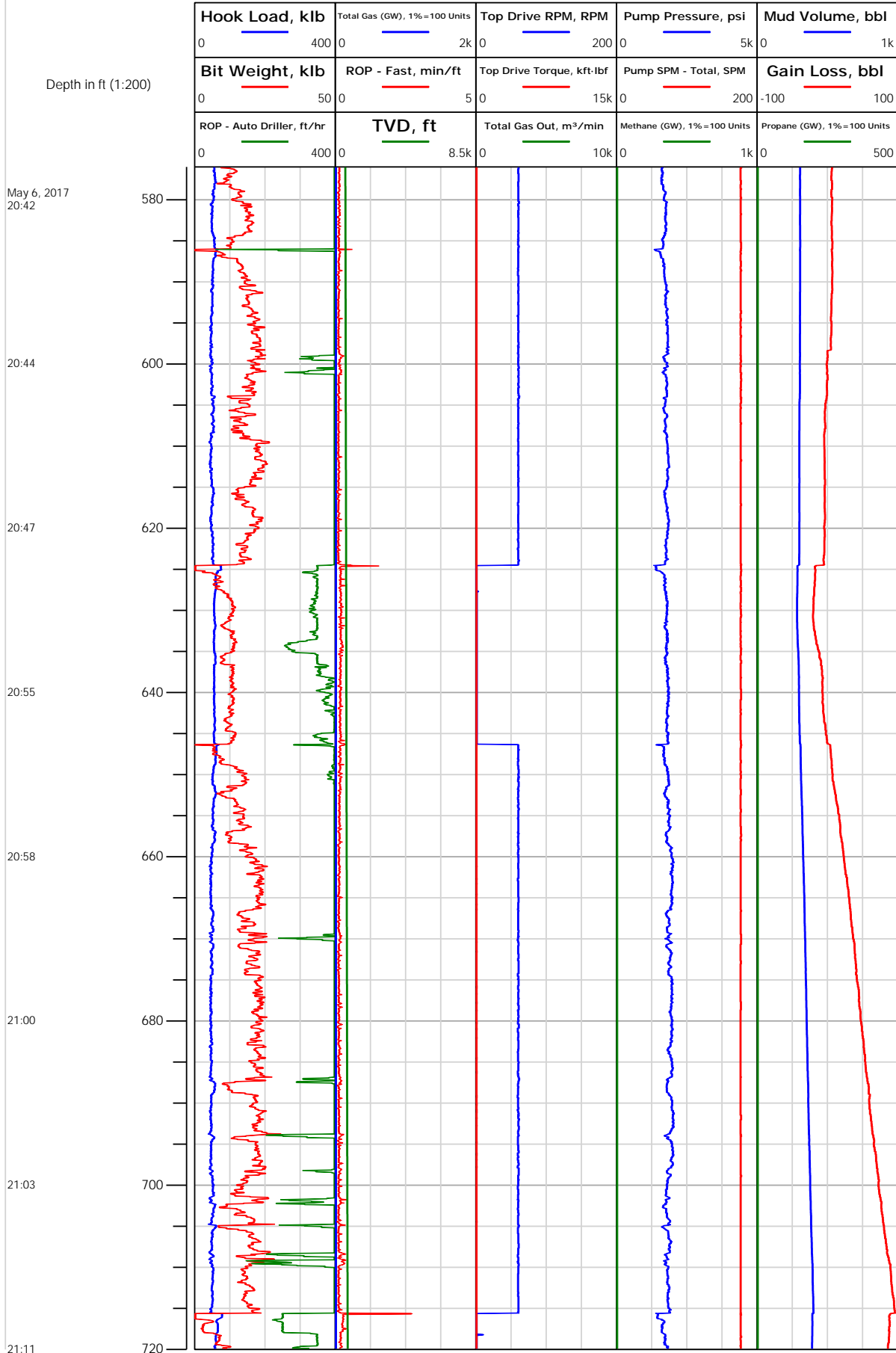
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





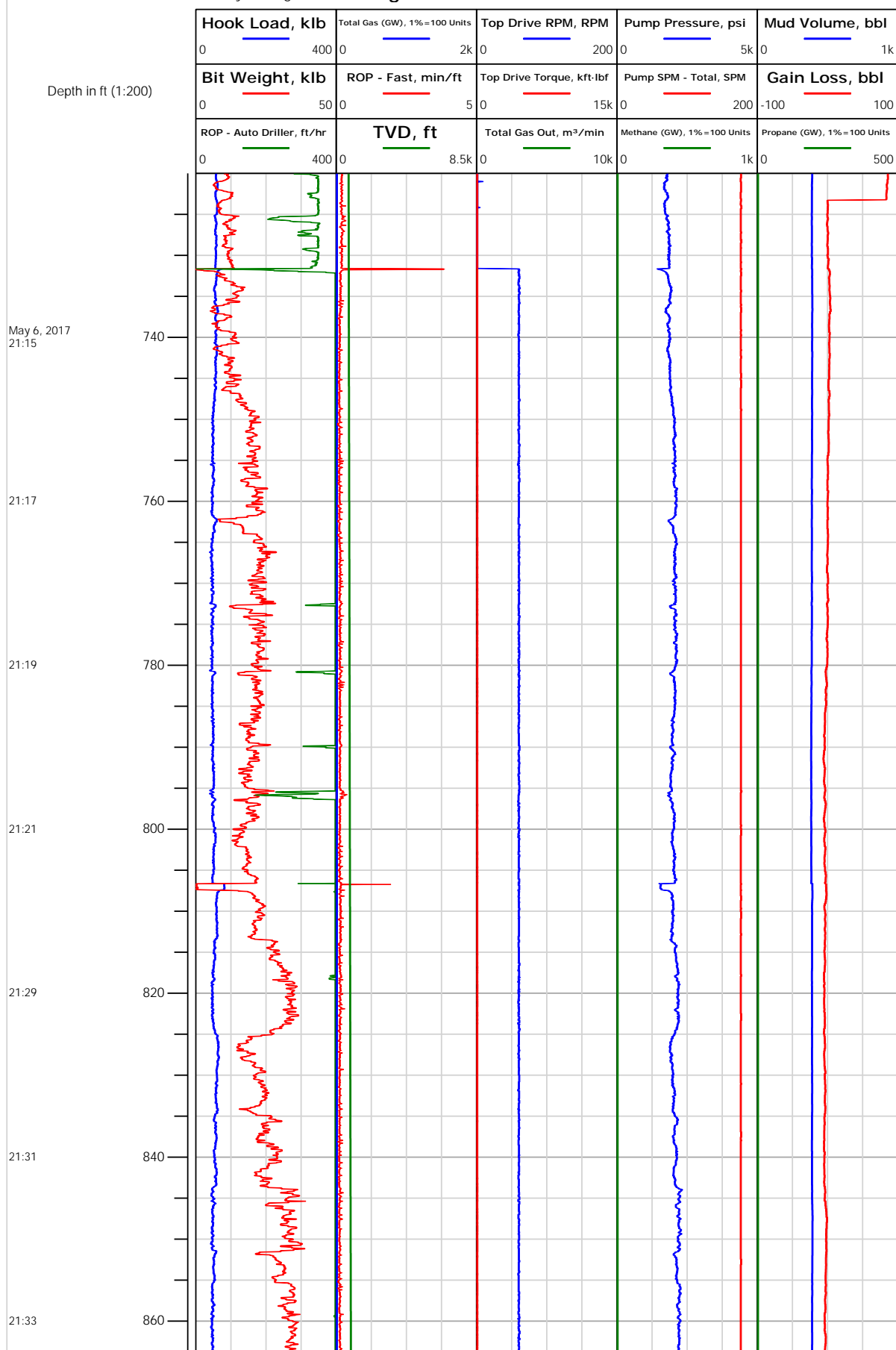
## Electronic Drilling Recorder

Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Piceance Federal 29-18E  
Rig: 522

Location:

Notes





# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes

Depth in ft (1:200)

May 6, 2017  
21:36

21:44

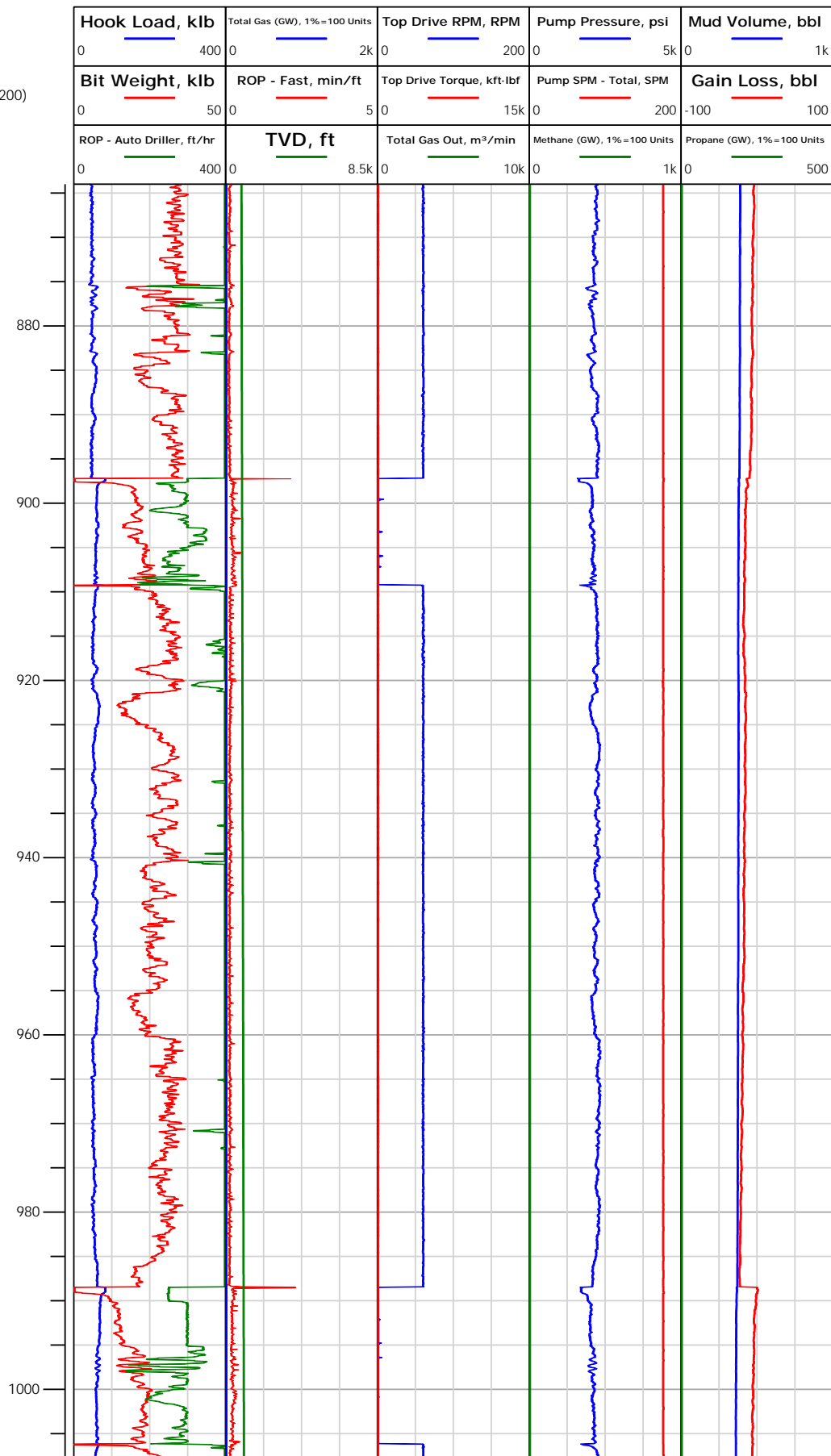
21:48

21:50

21:53

21:55

22:03





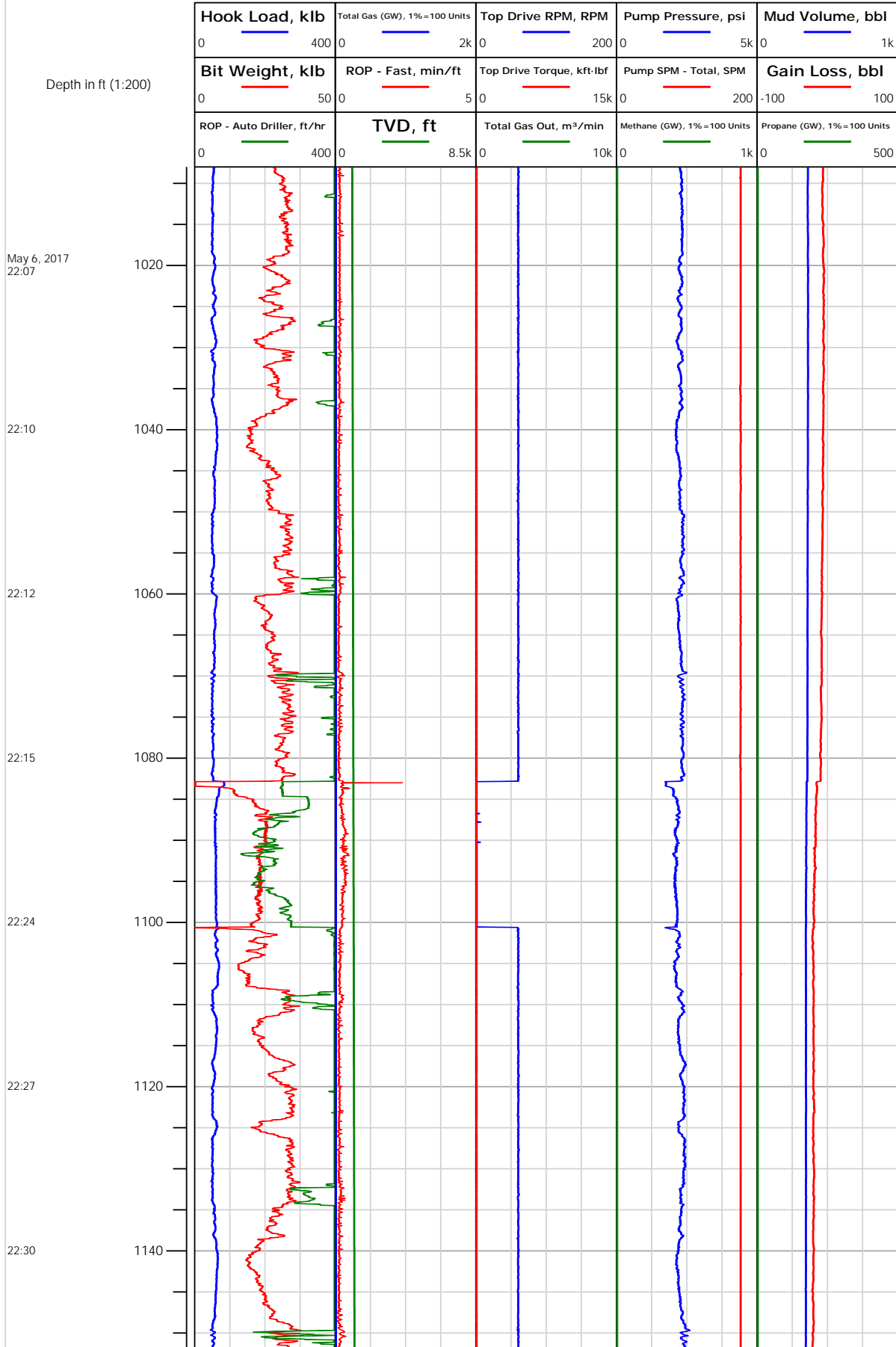
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





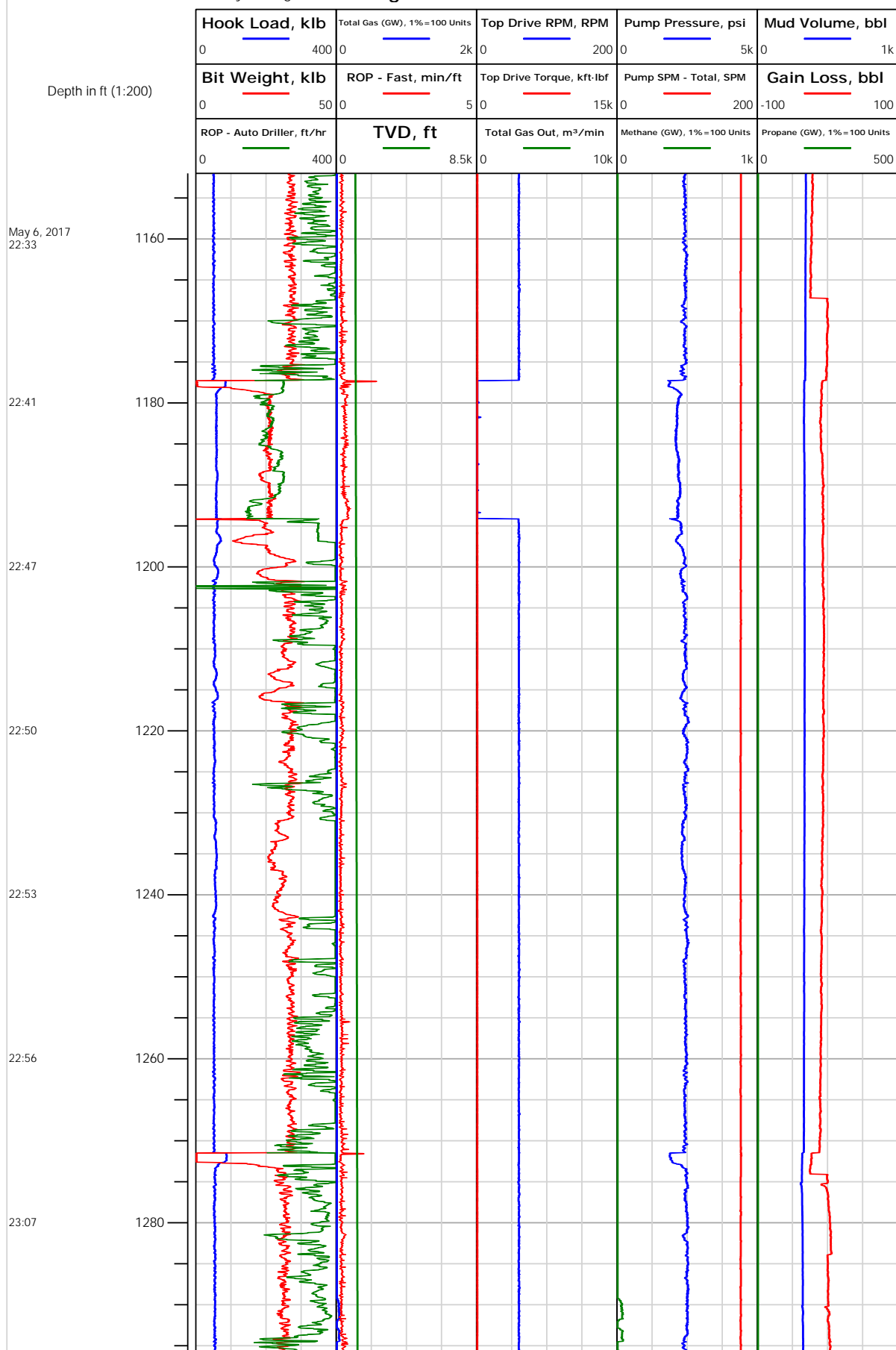
## Electronic Drilling Recorder

Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Piceance Federal 29-18E  
Rig: 522

Location:

Notes





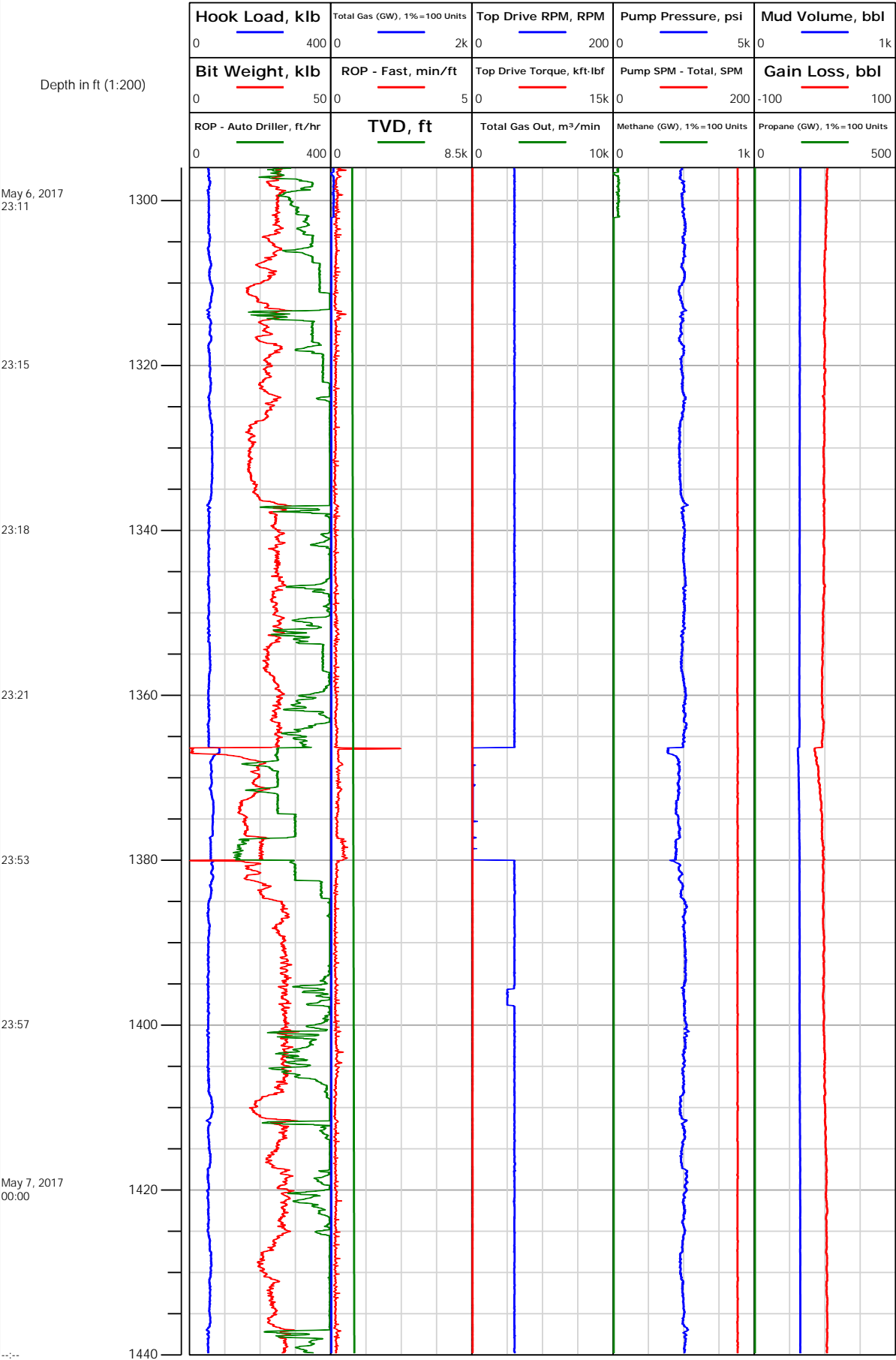
# Electronic Drilling Recorder

Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Piceance Federal 29-18E  
Rig: 522

Location:

Notes







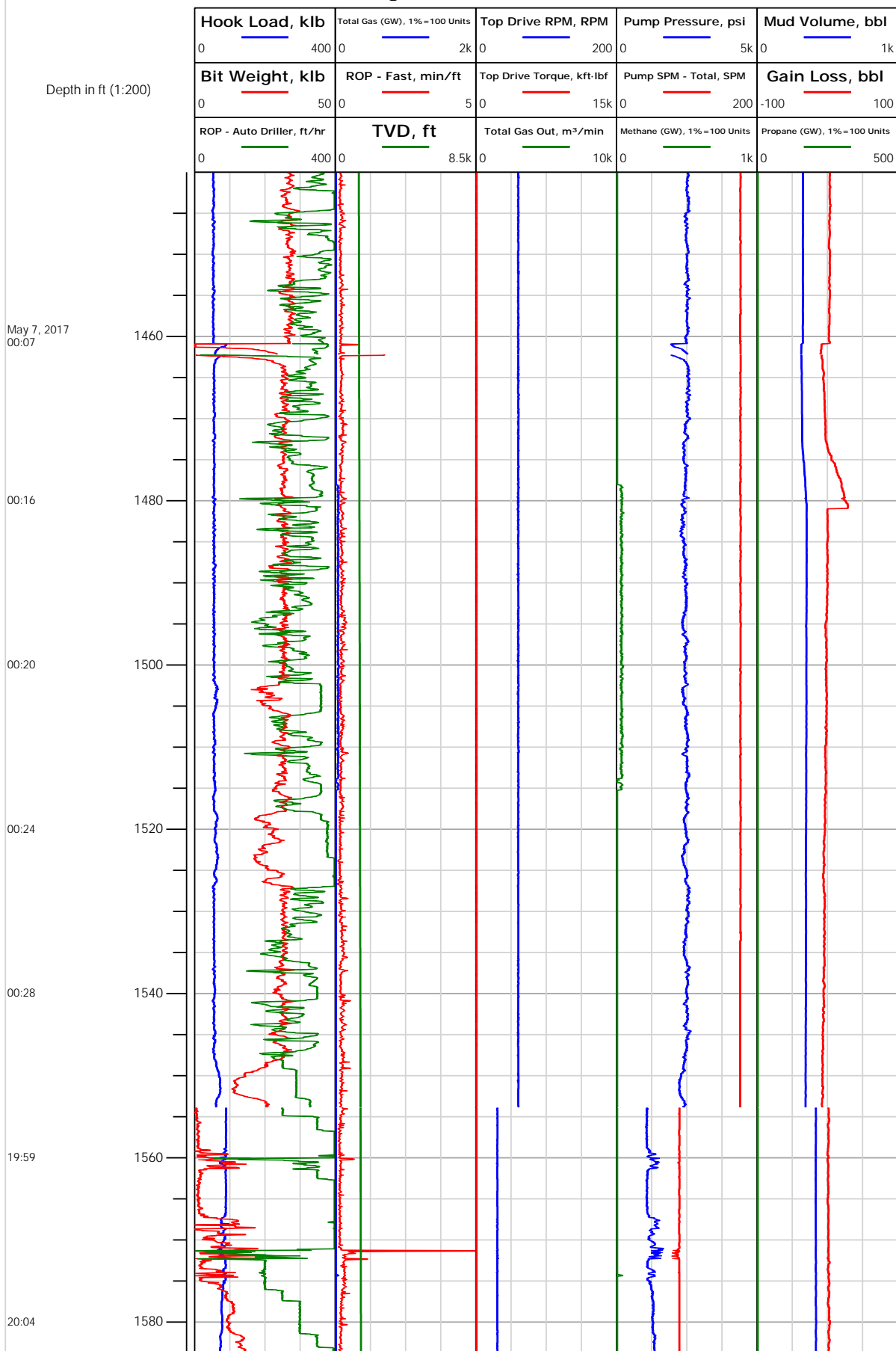
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





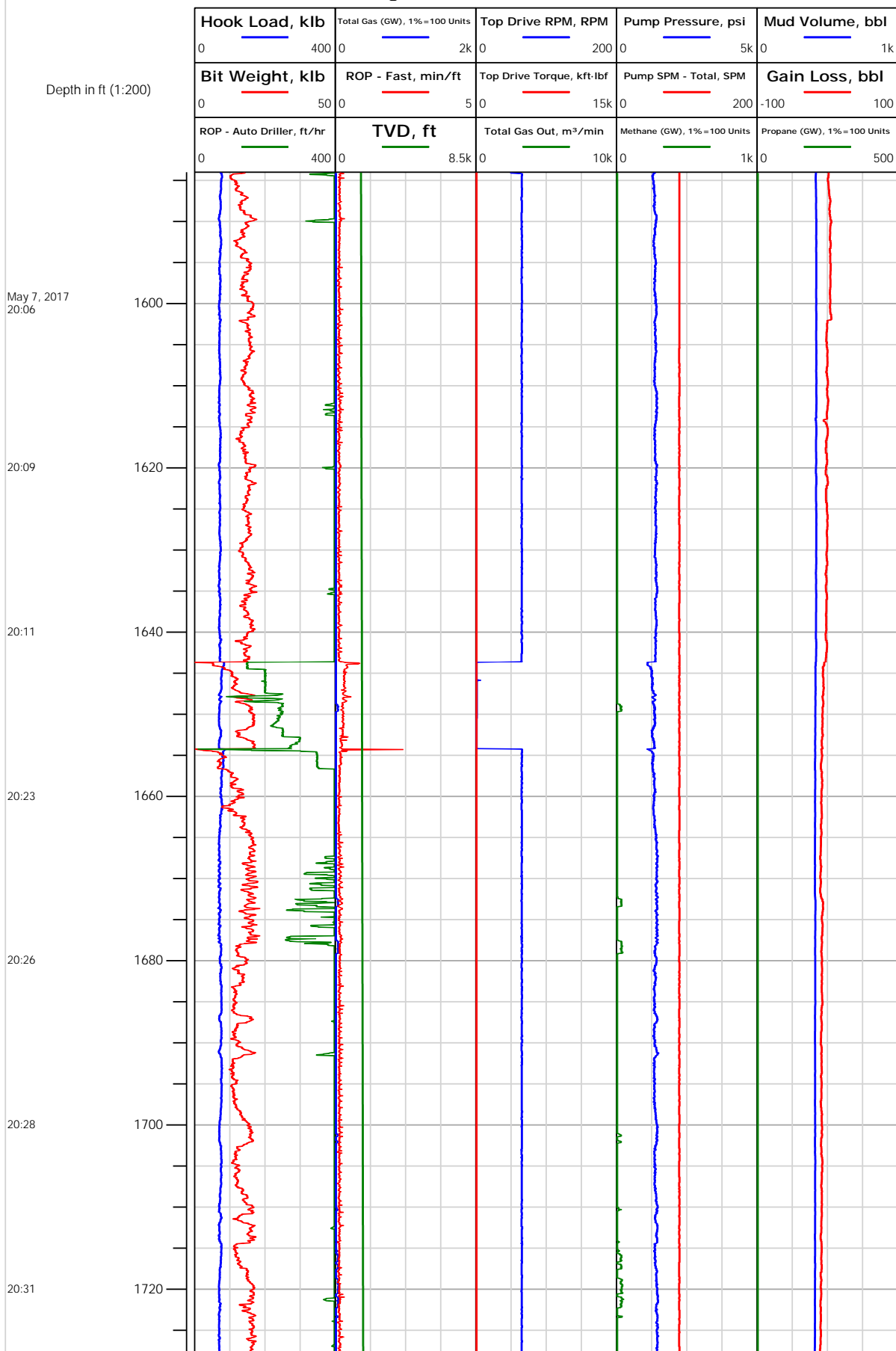
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





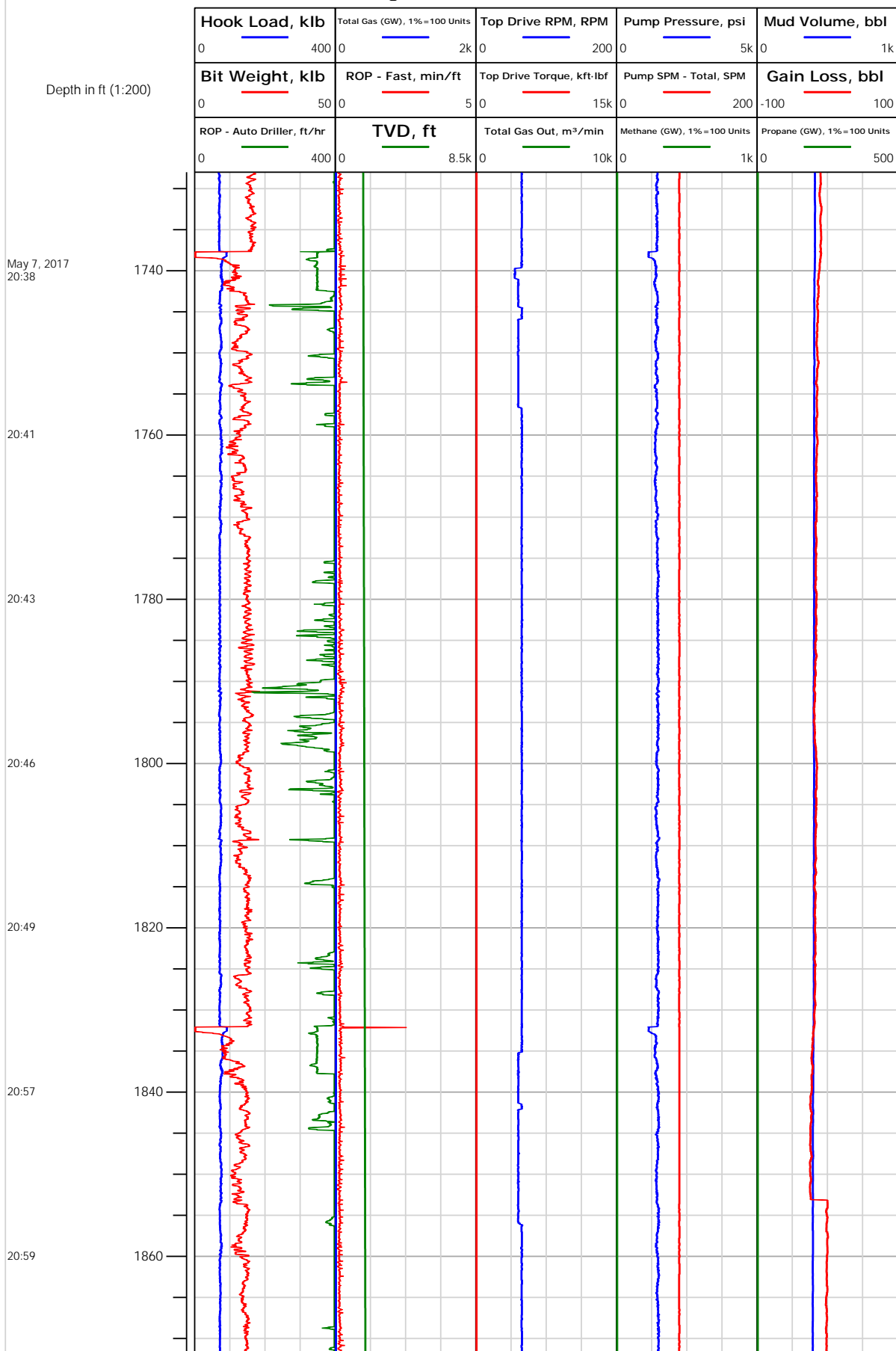
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





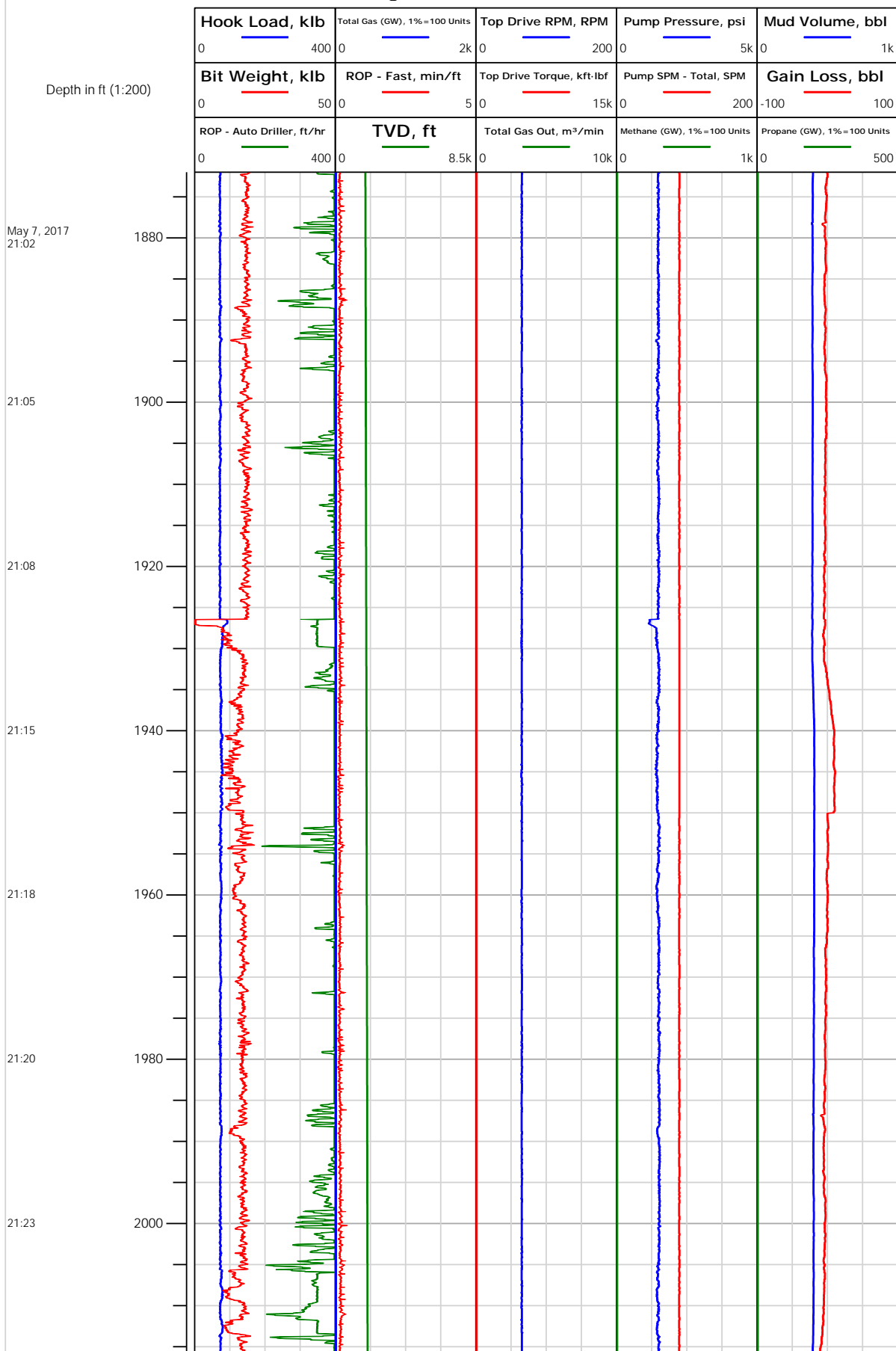
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





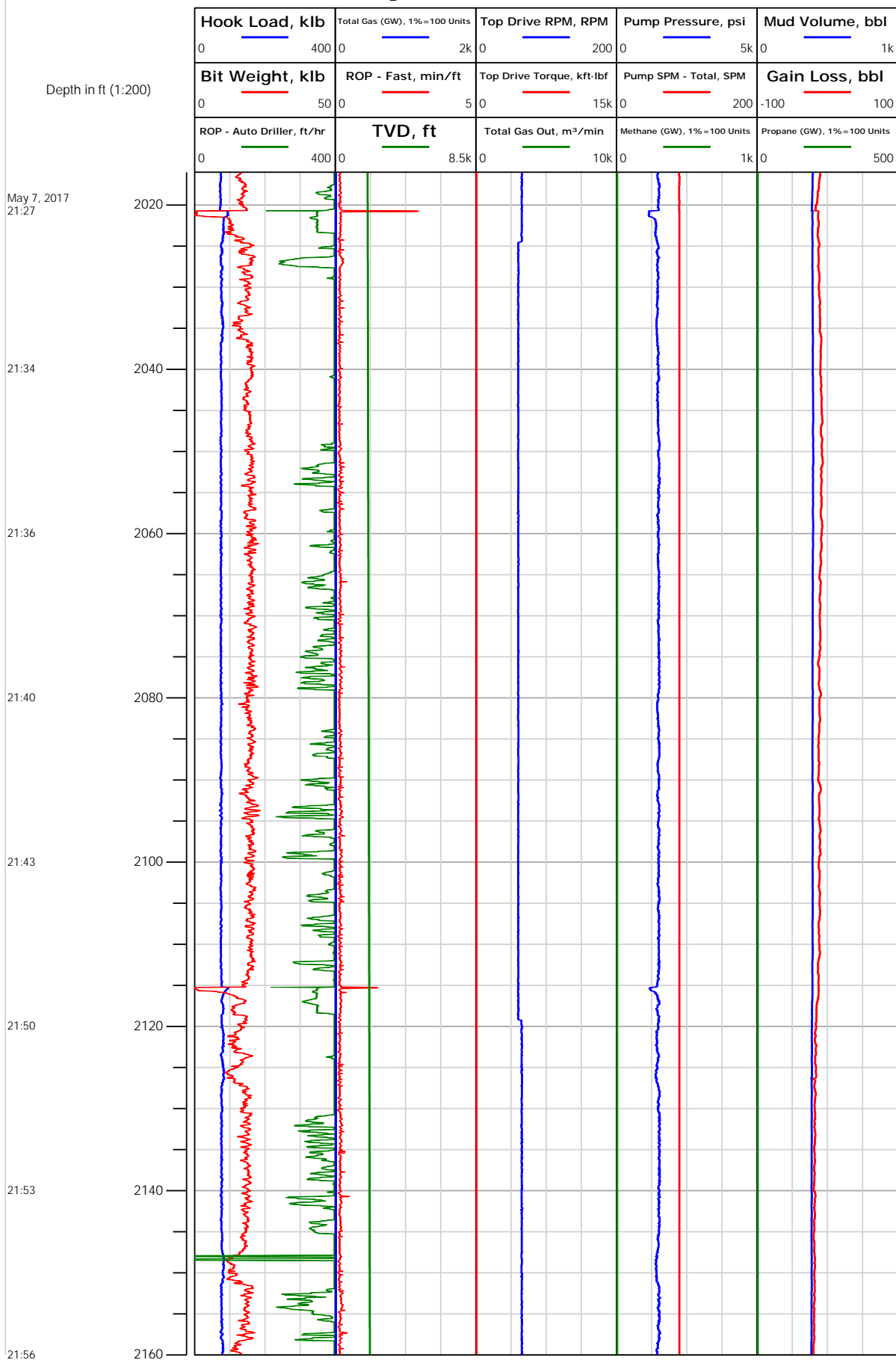
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





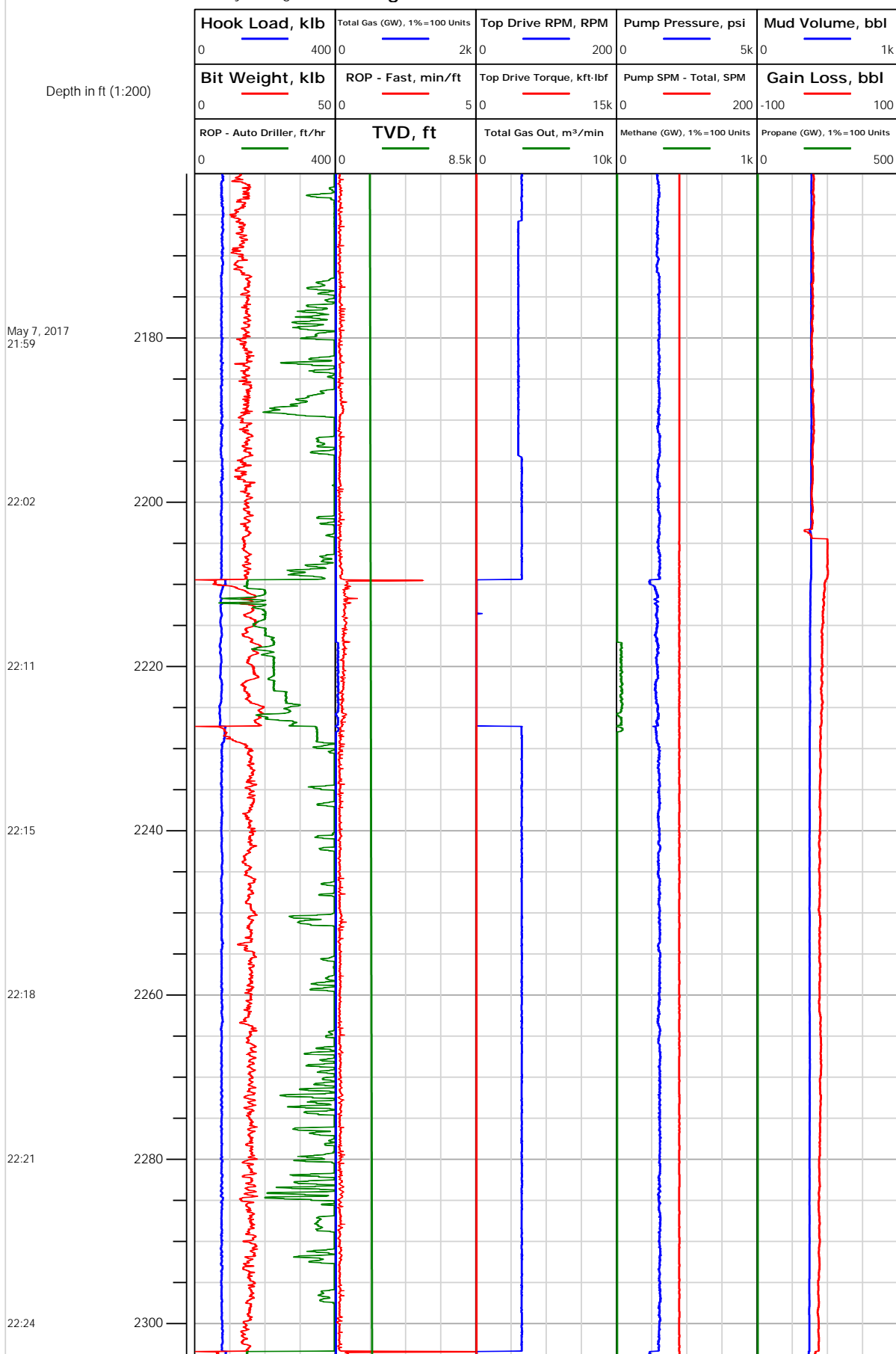
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





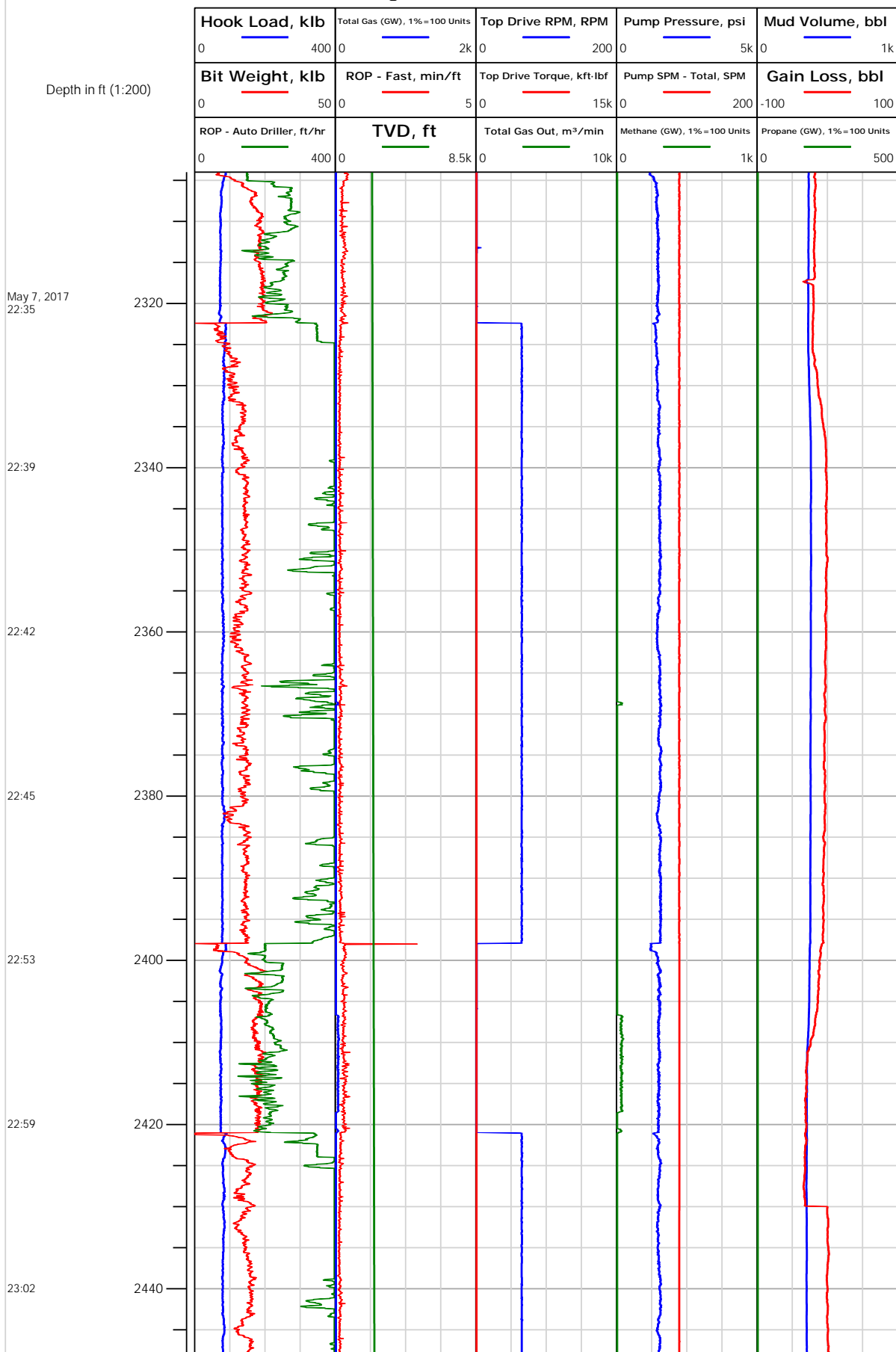
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





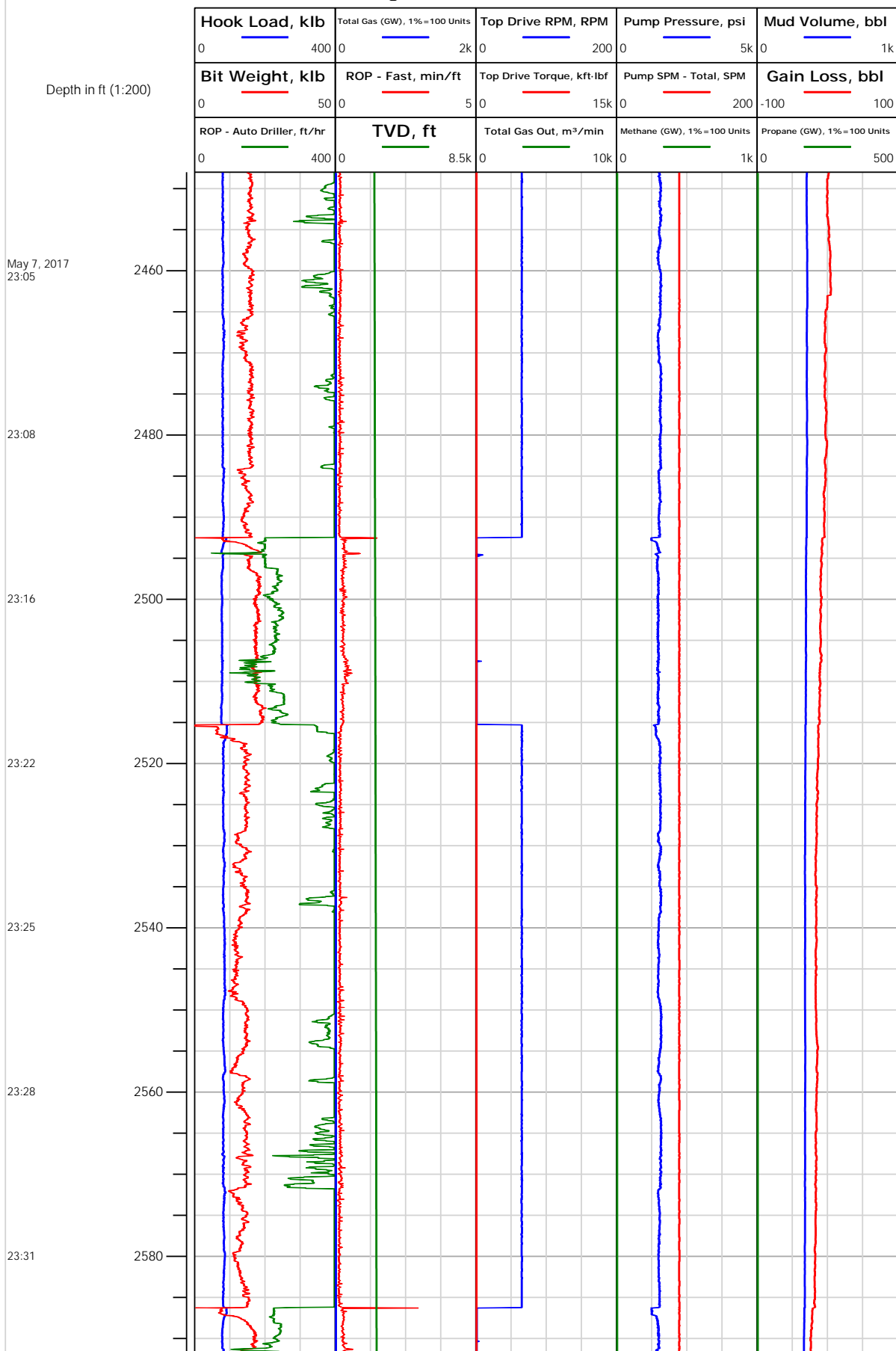
# Electronic Drilling Recorder

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**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes







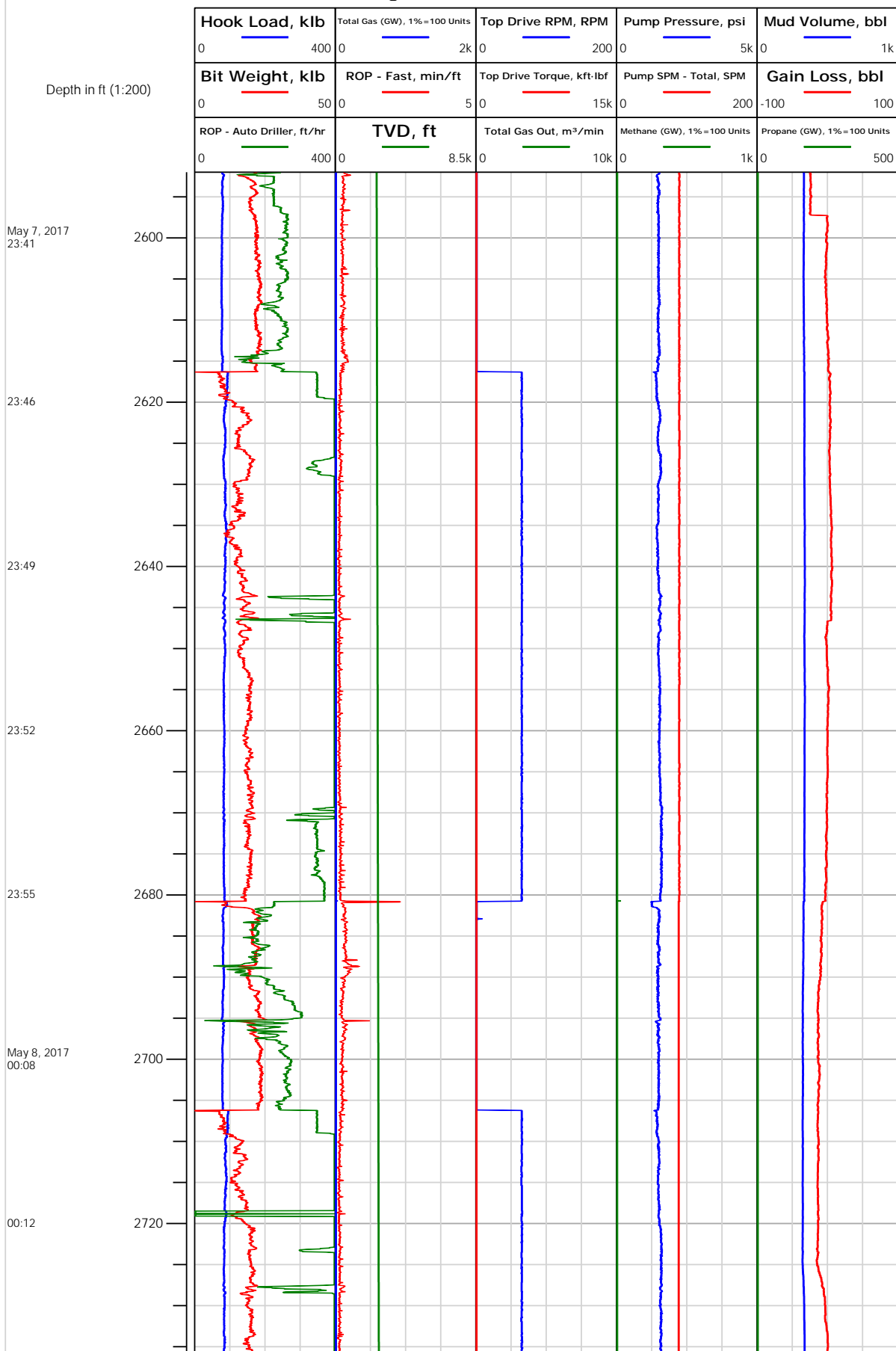
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





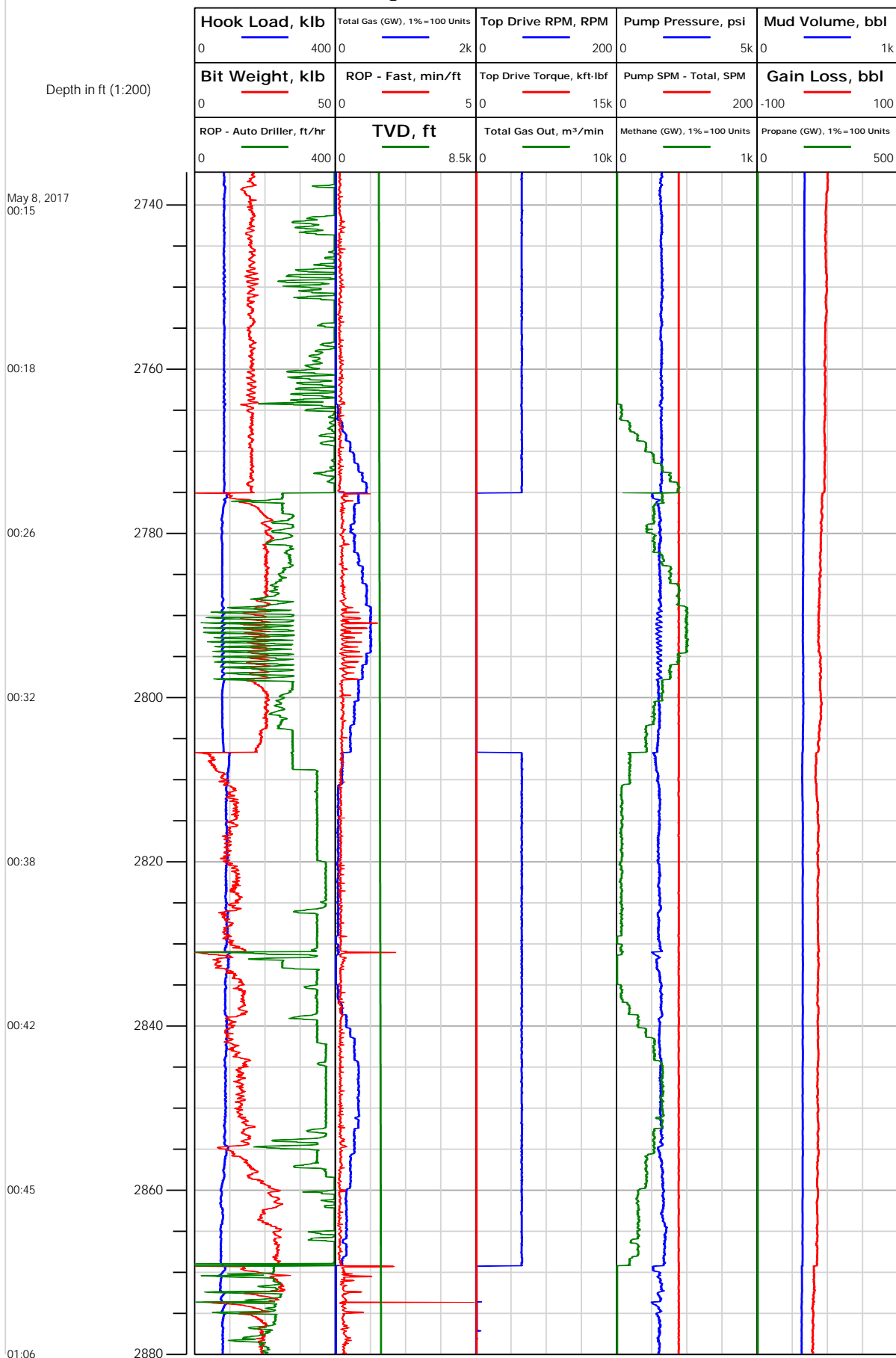
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





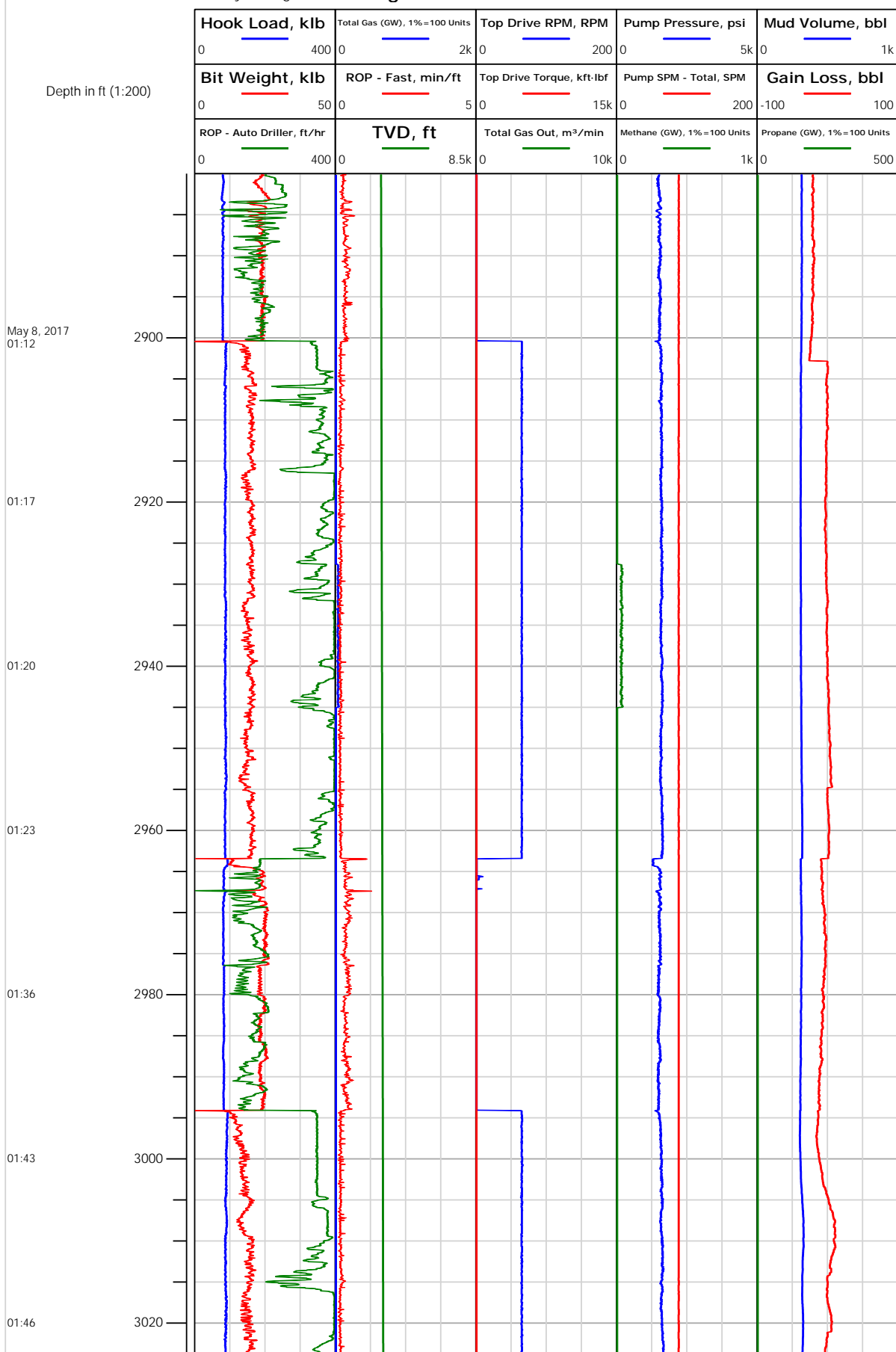
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





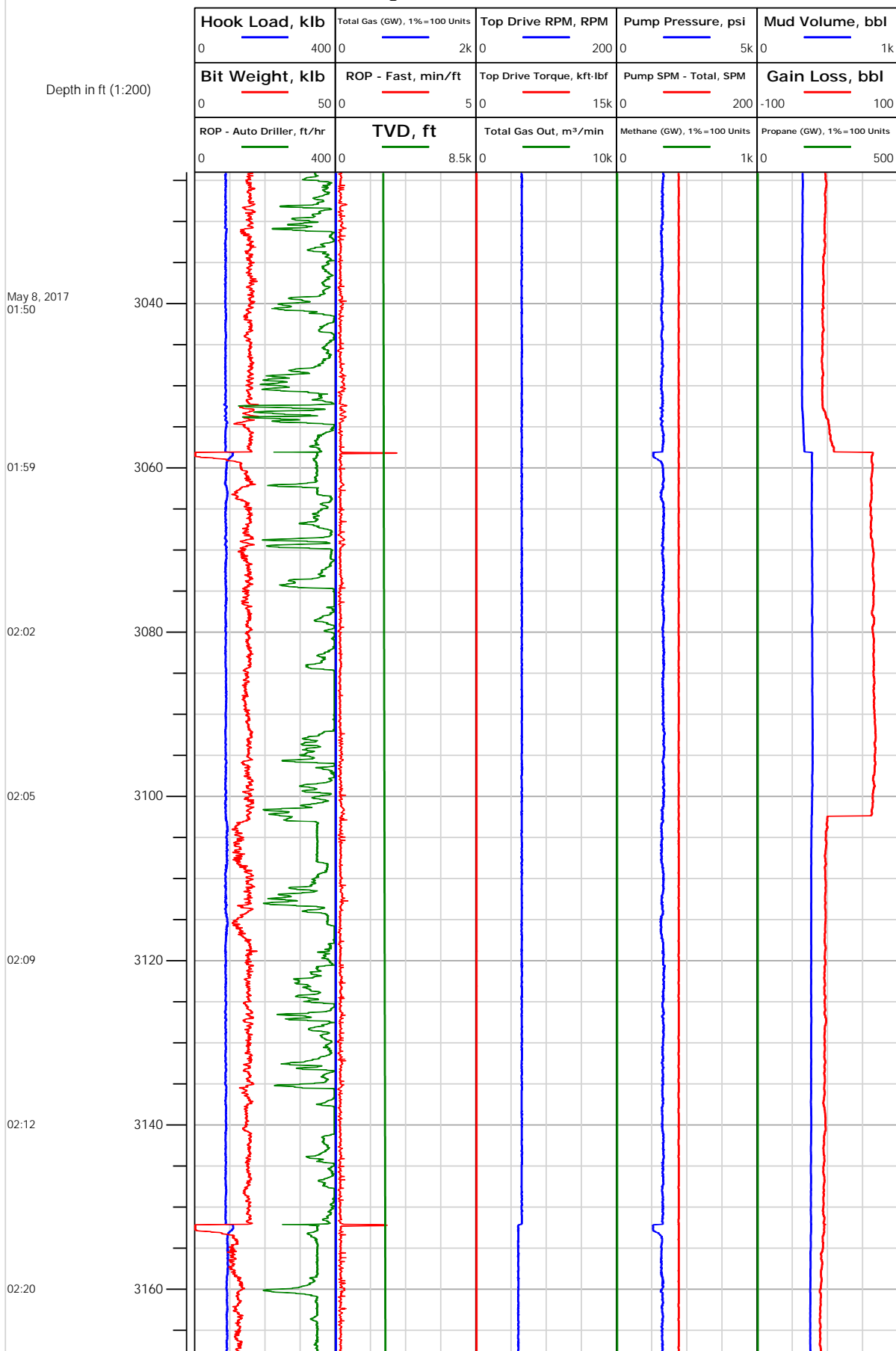
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





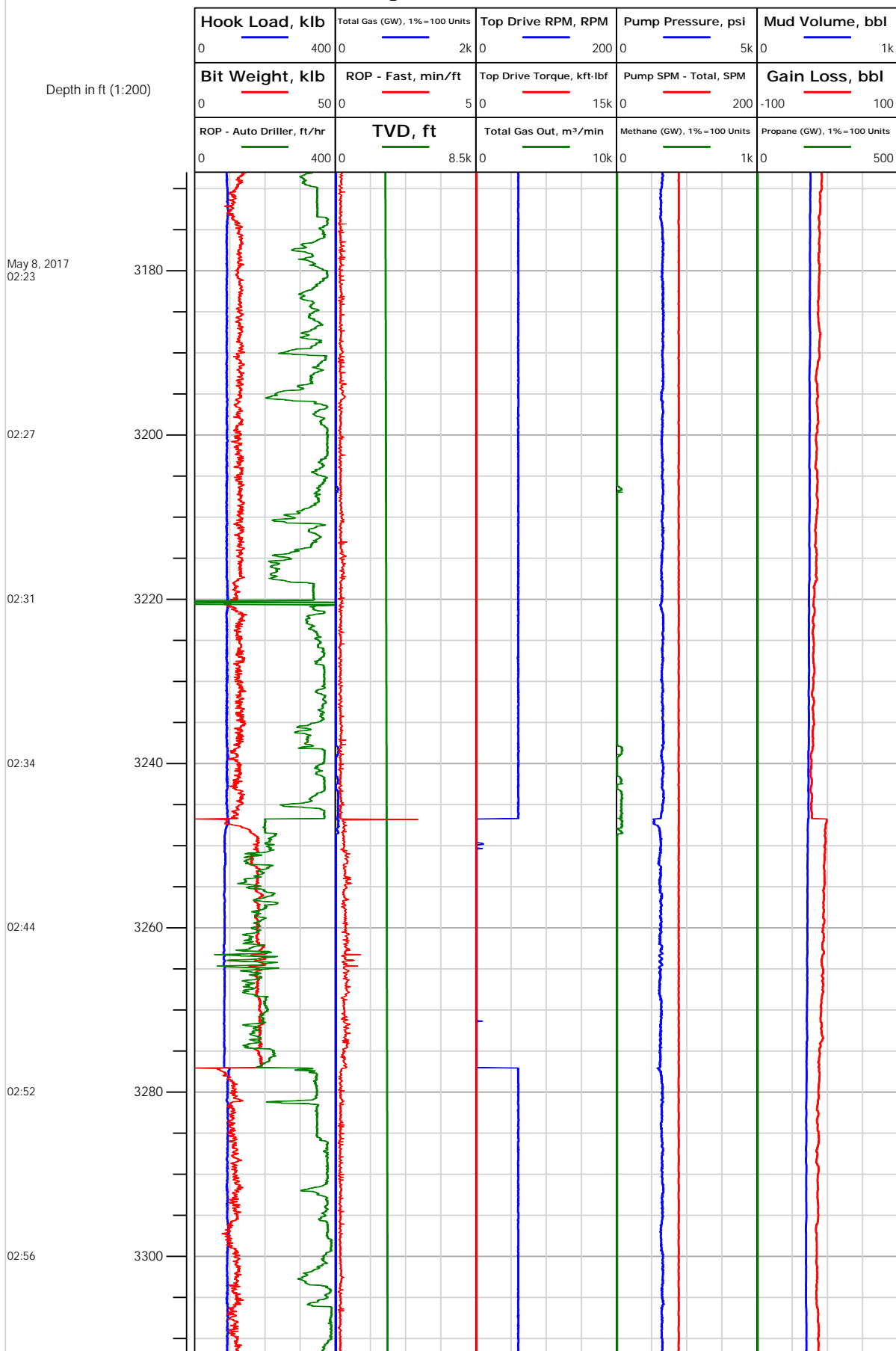
# Electronic Drilling Recorder

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**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





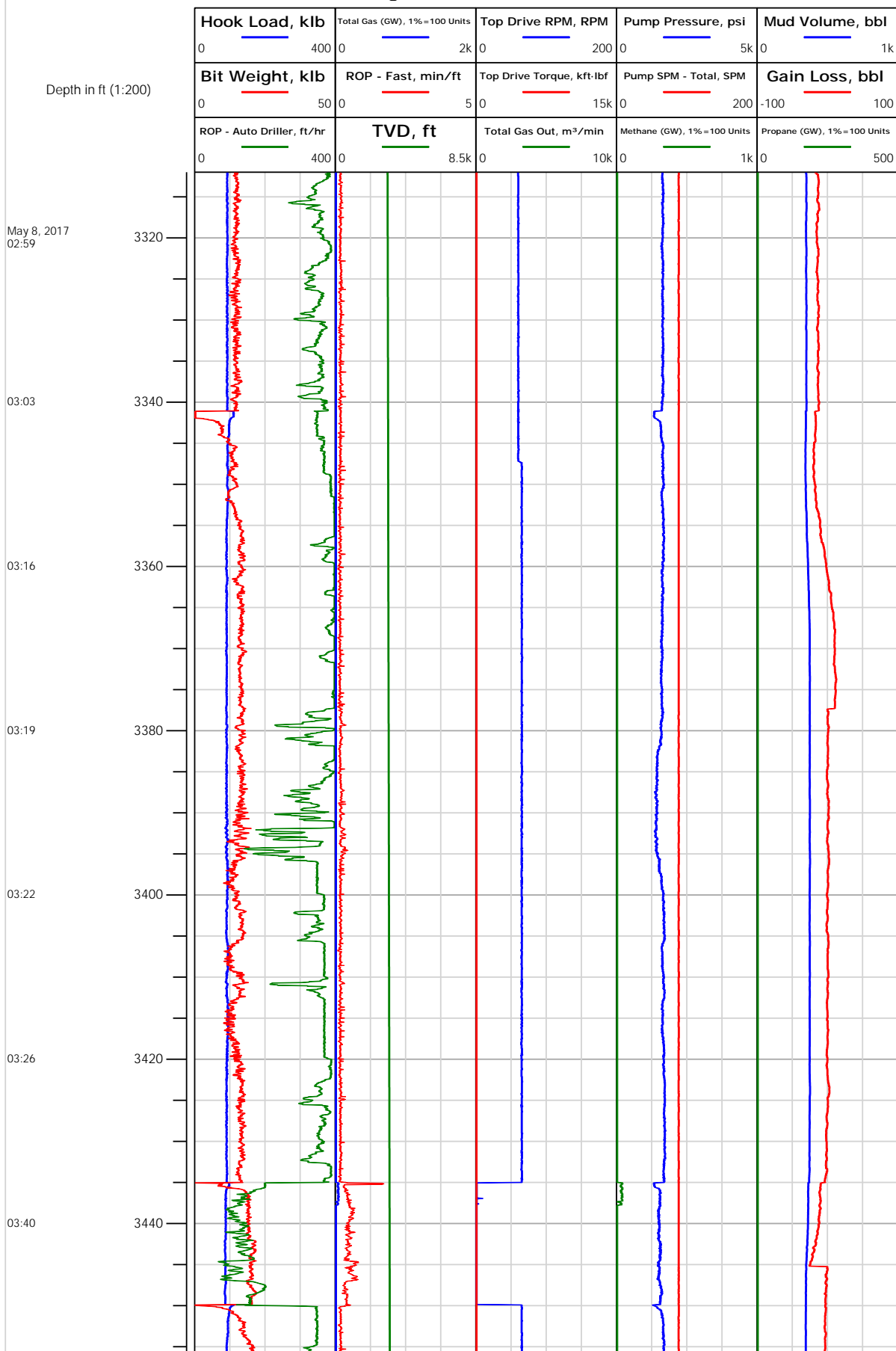
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





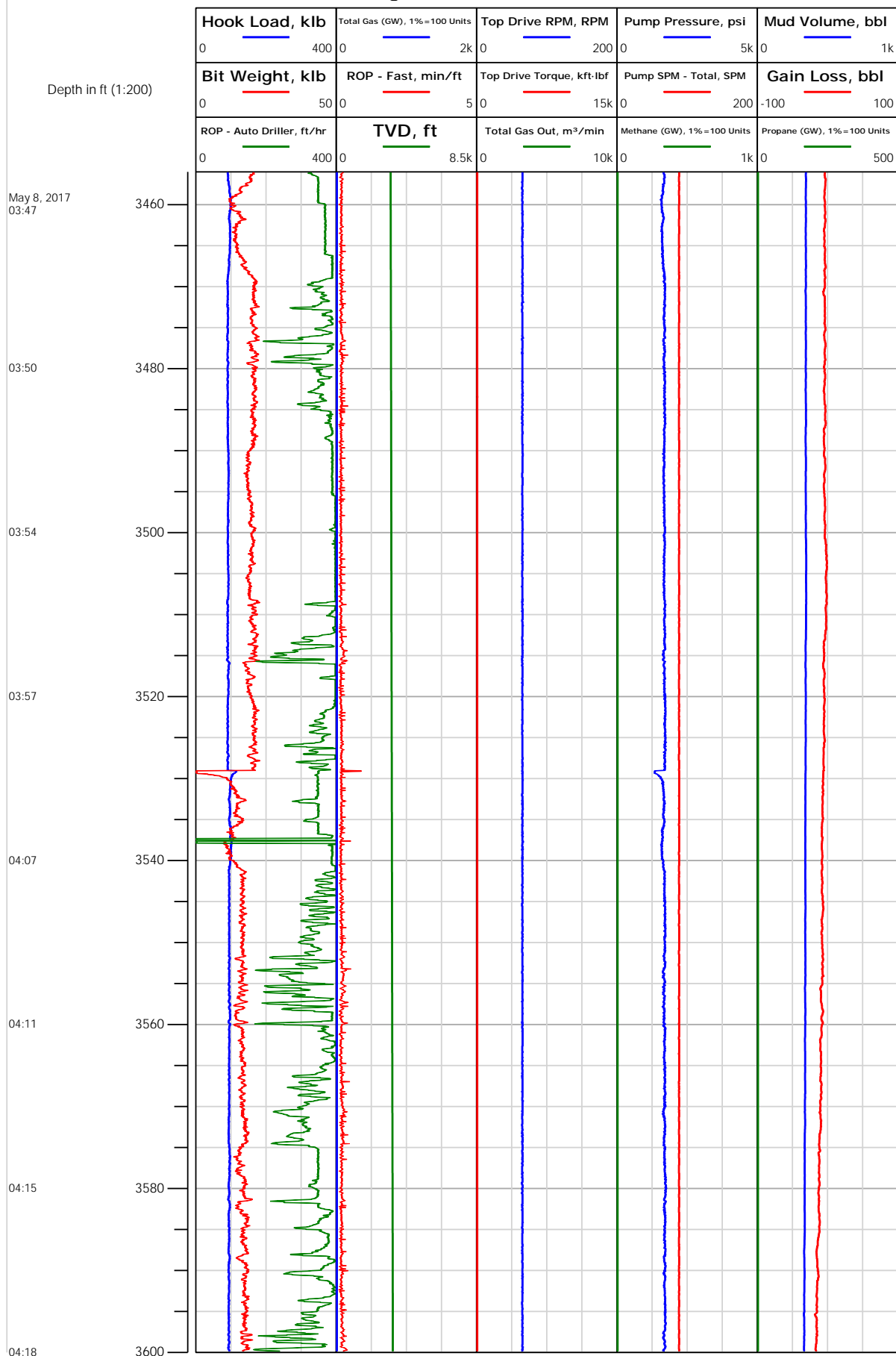
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





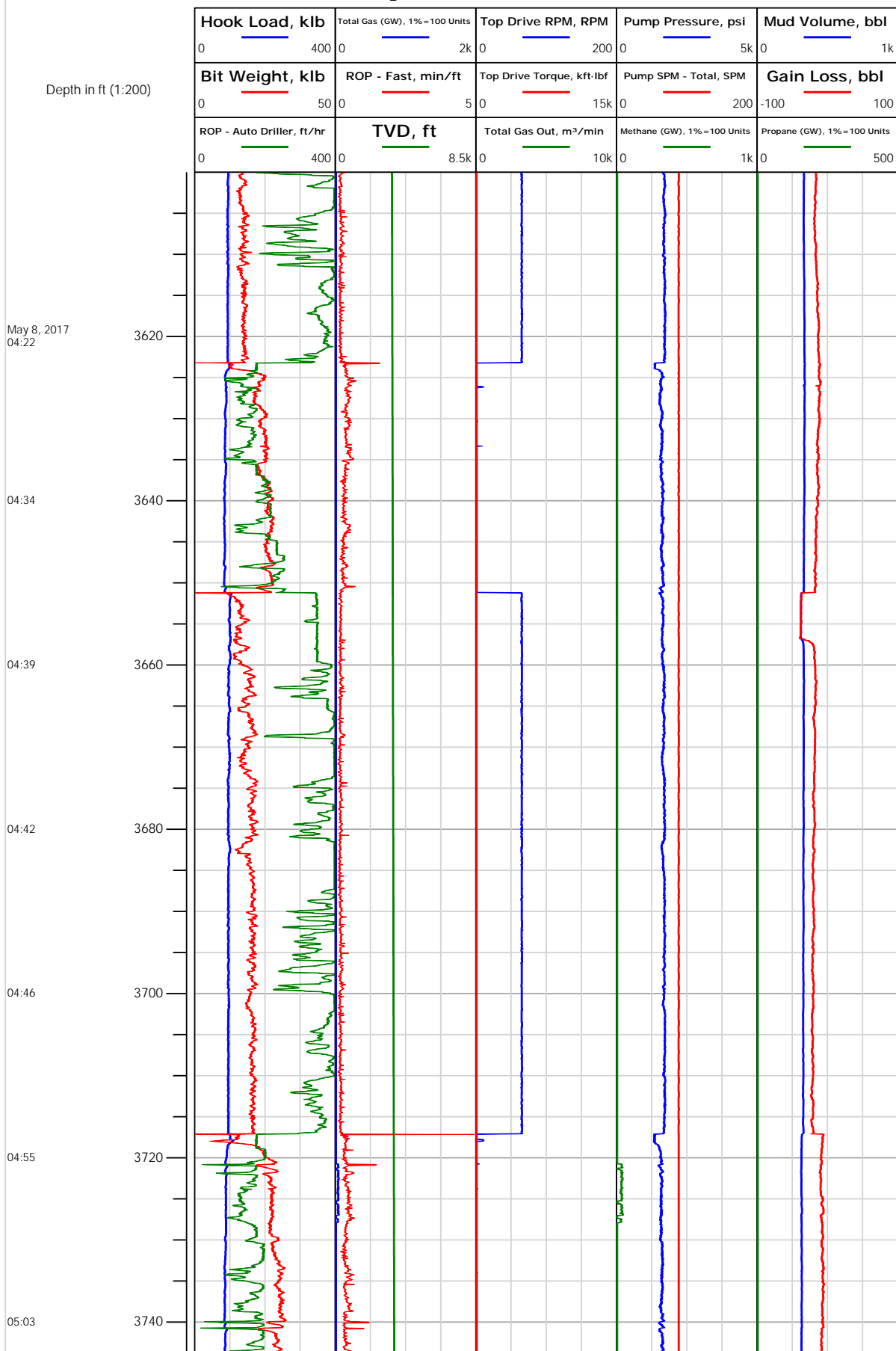
# Electronic Drilling Recorder

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**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes







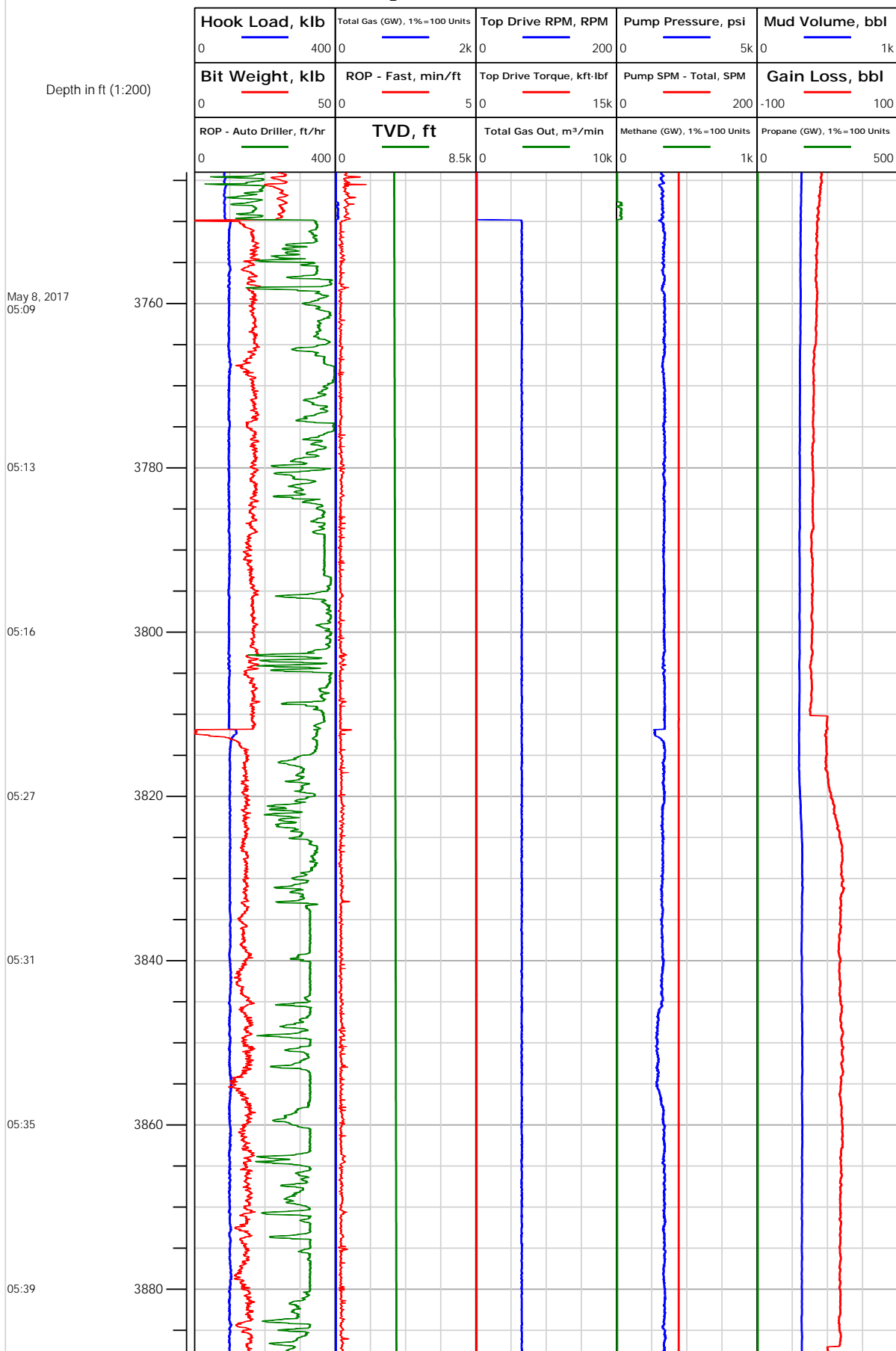
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





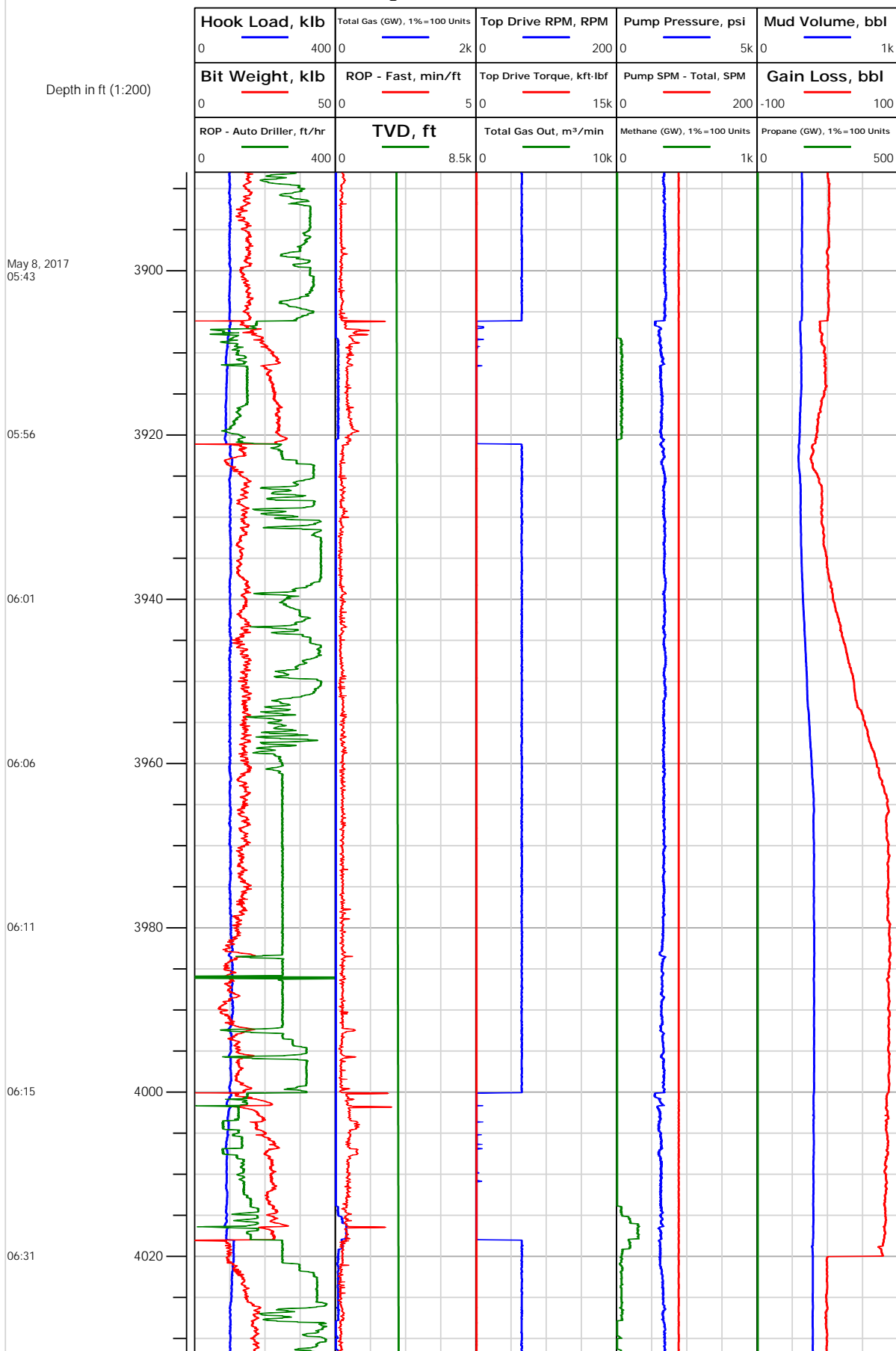
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





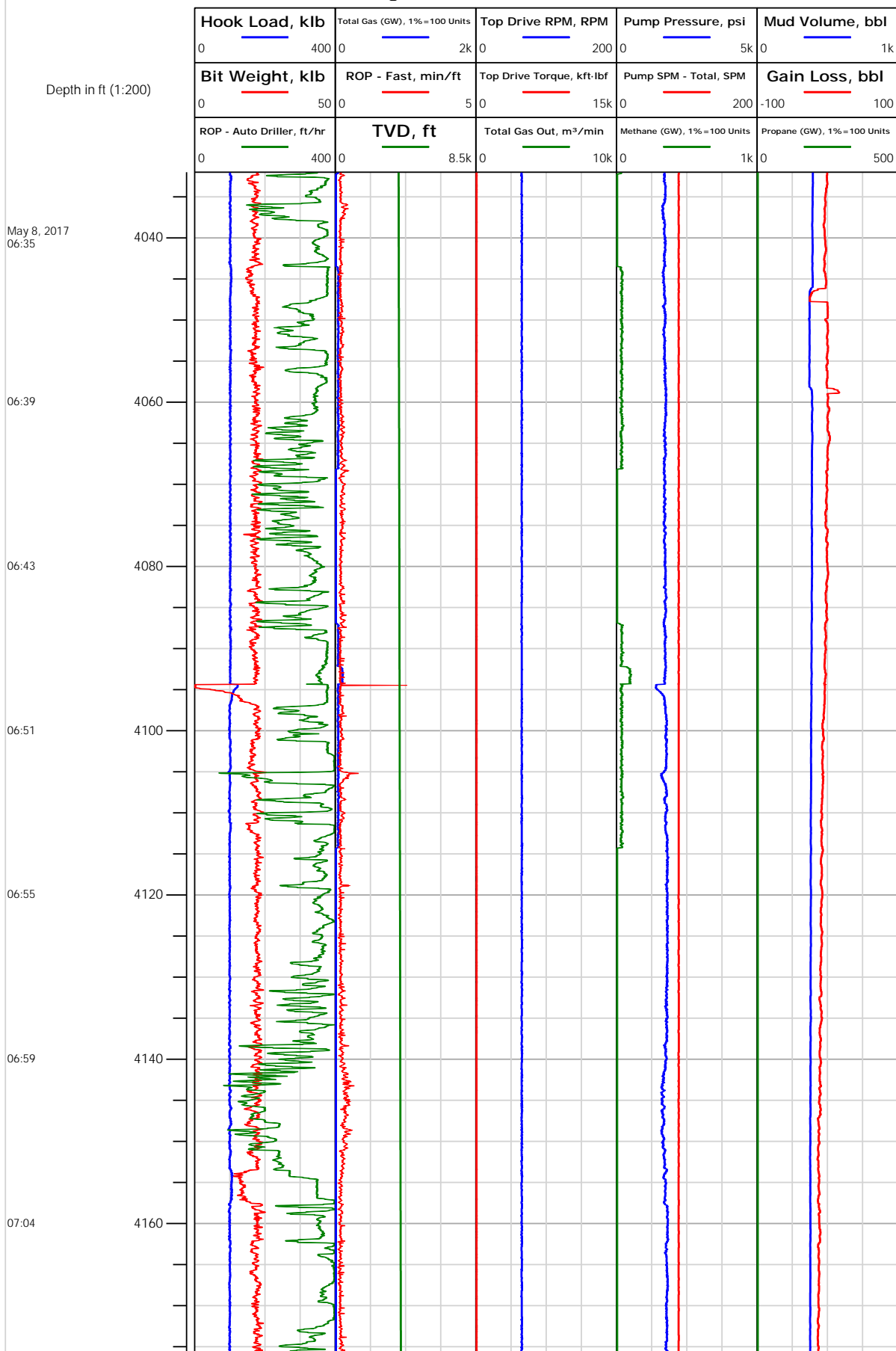
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





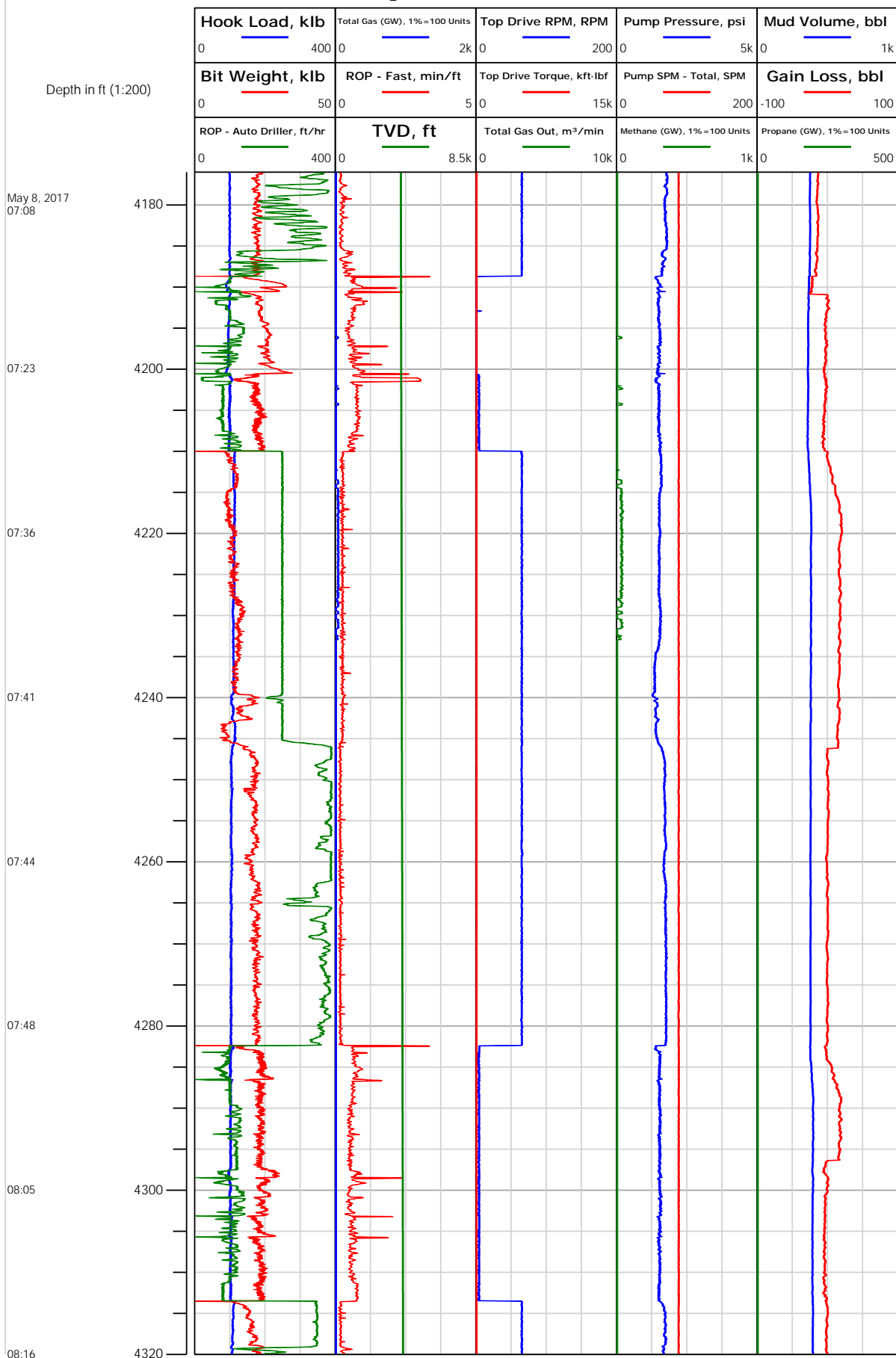
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





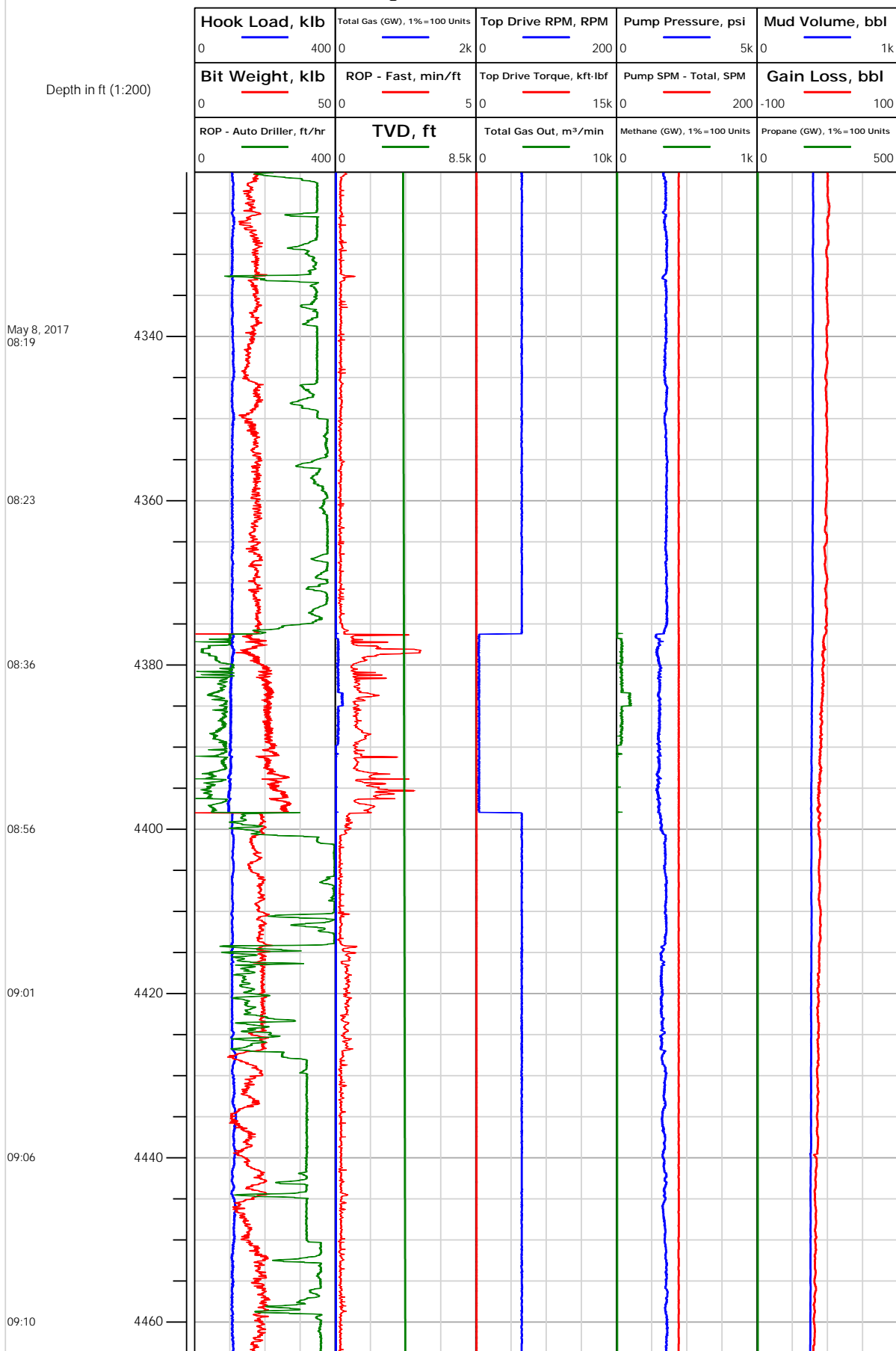
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





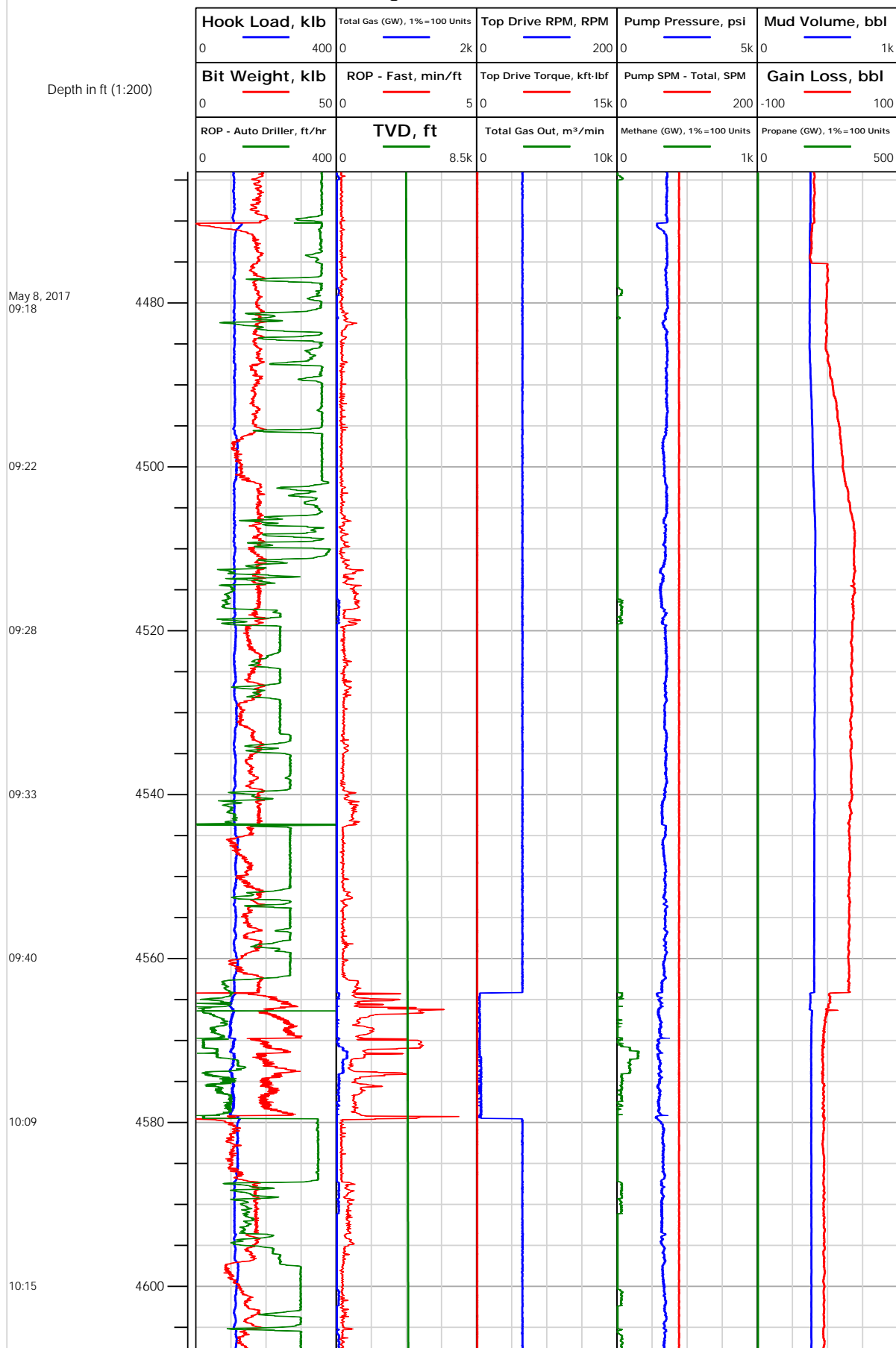
## Electronic Drilling Recorder

Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Piceance Federal 29-18E  
Rig: 522

Location:

Notes





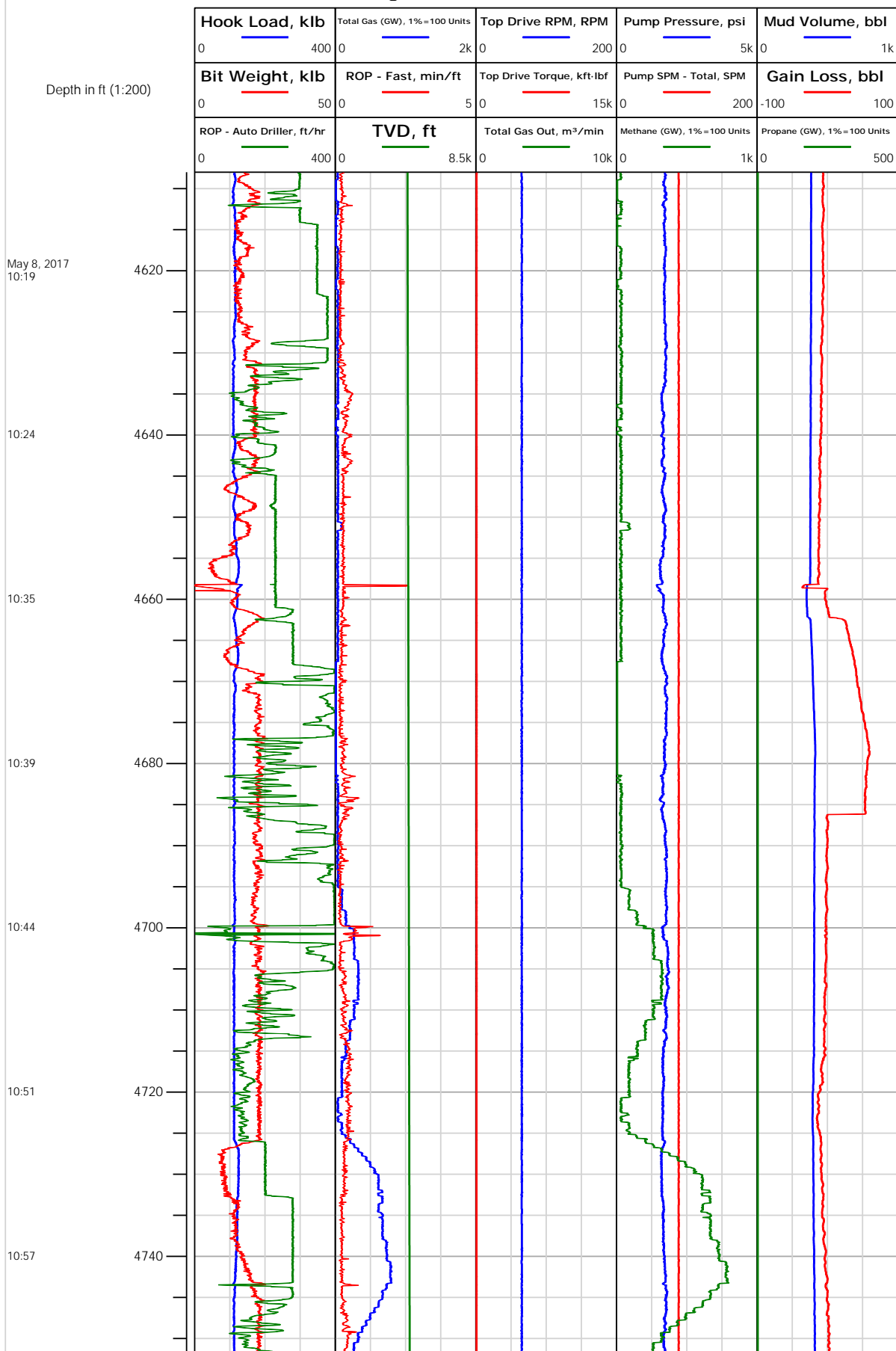
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





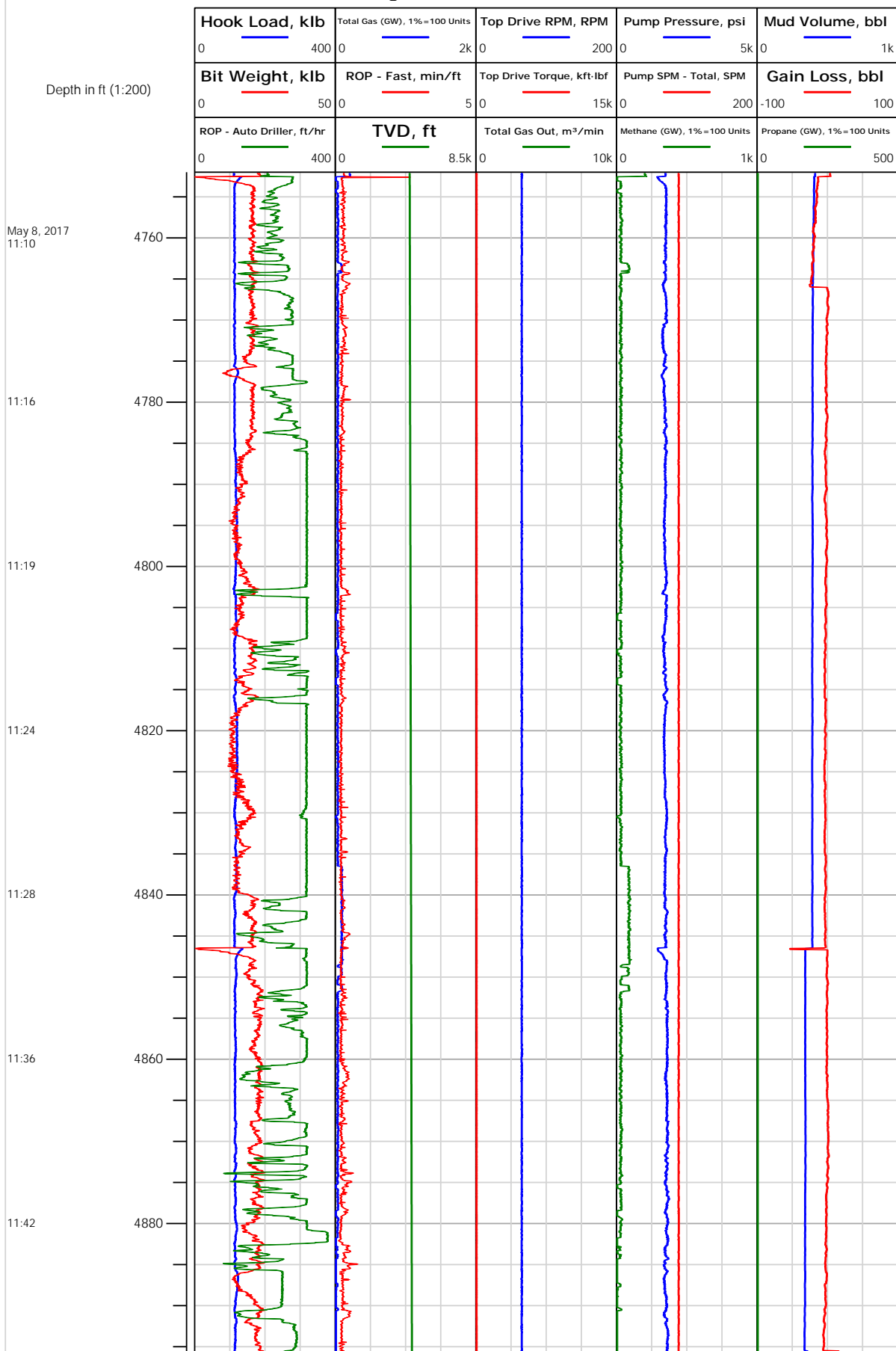
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes







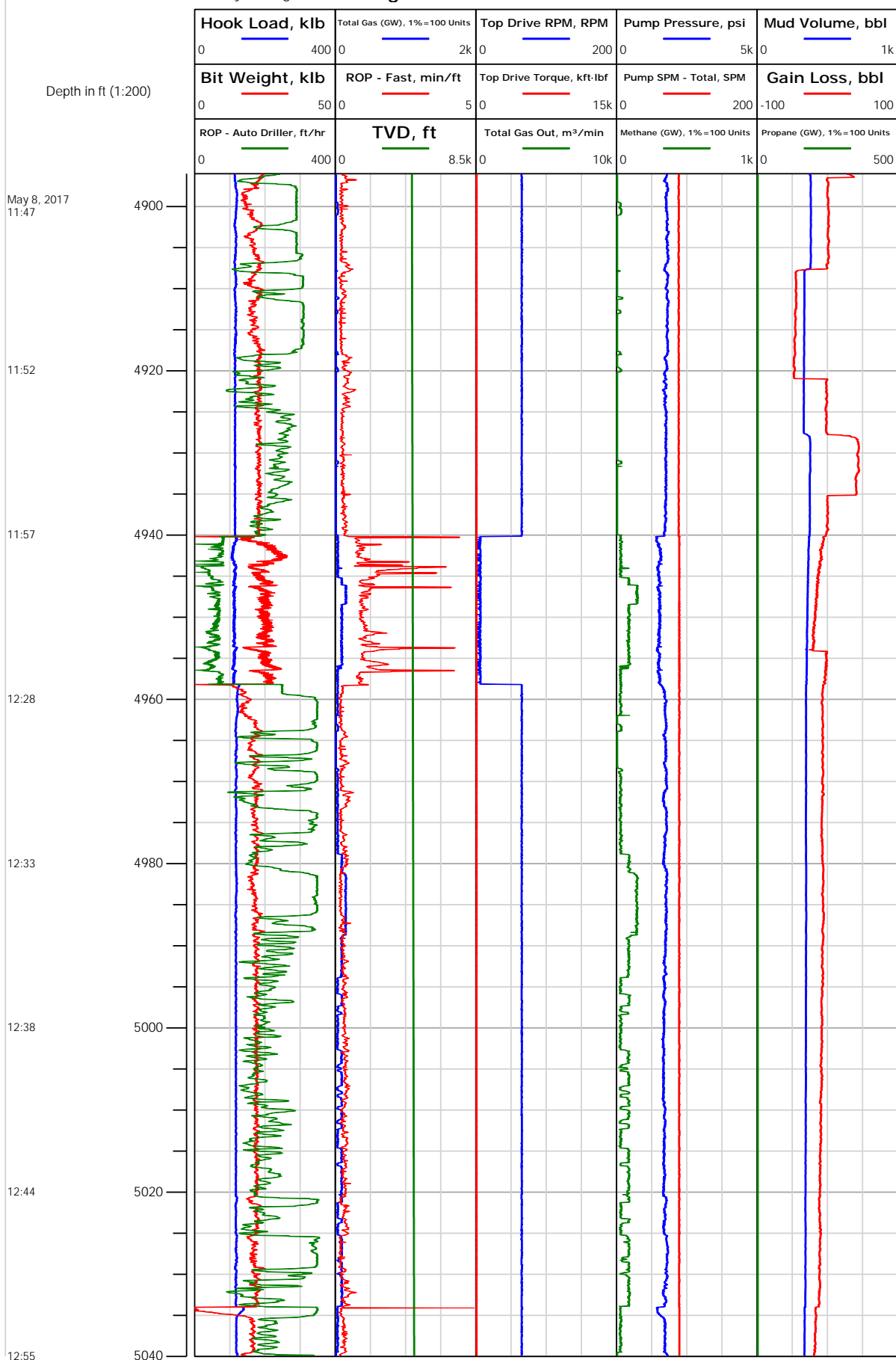
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





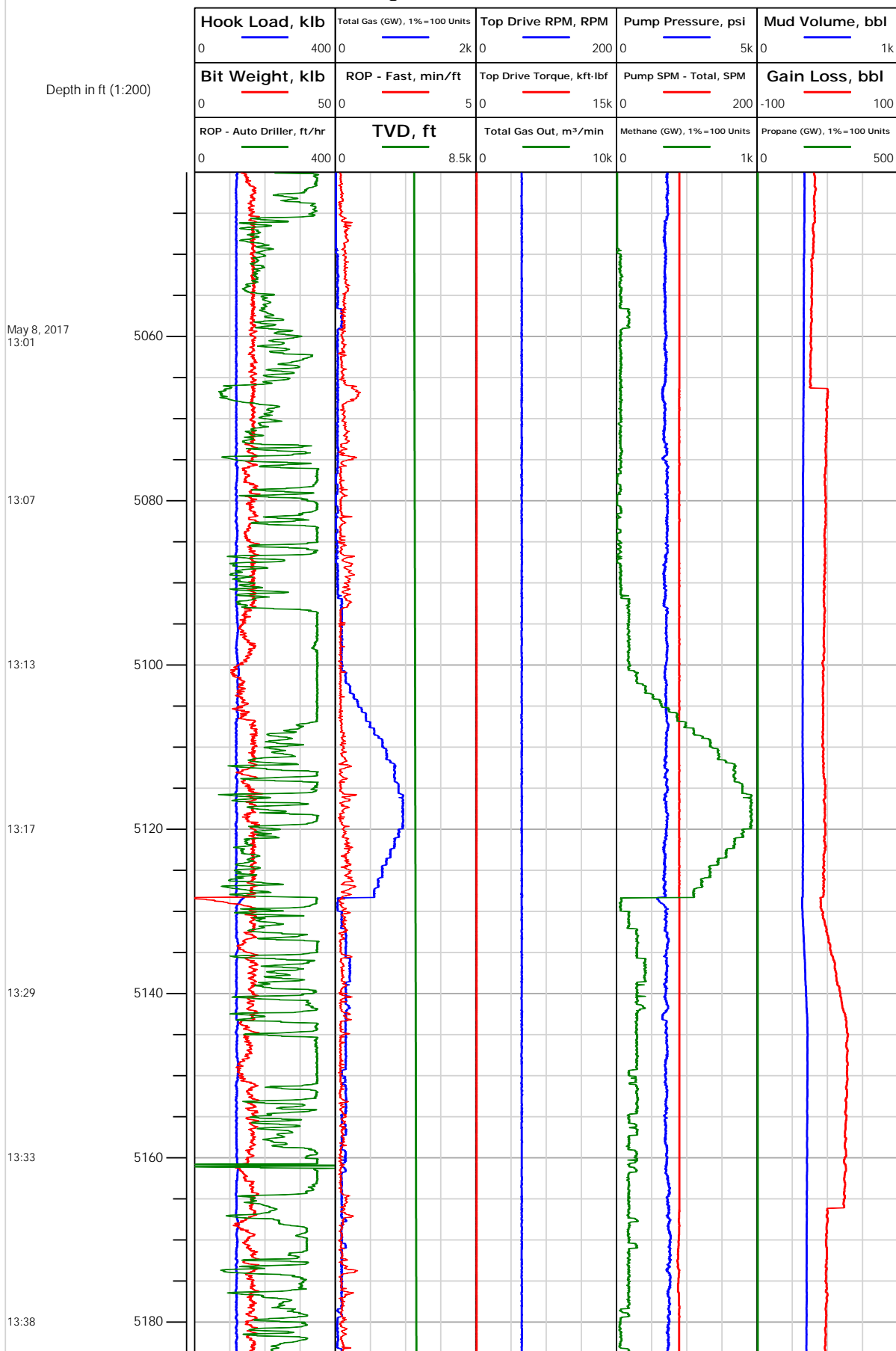
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





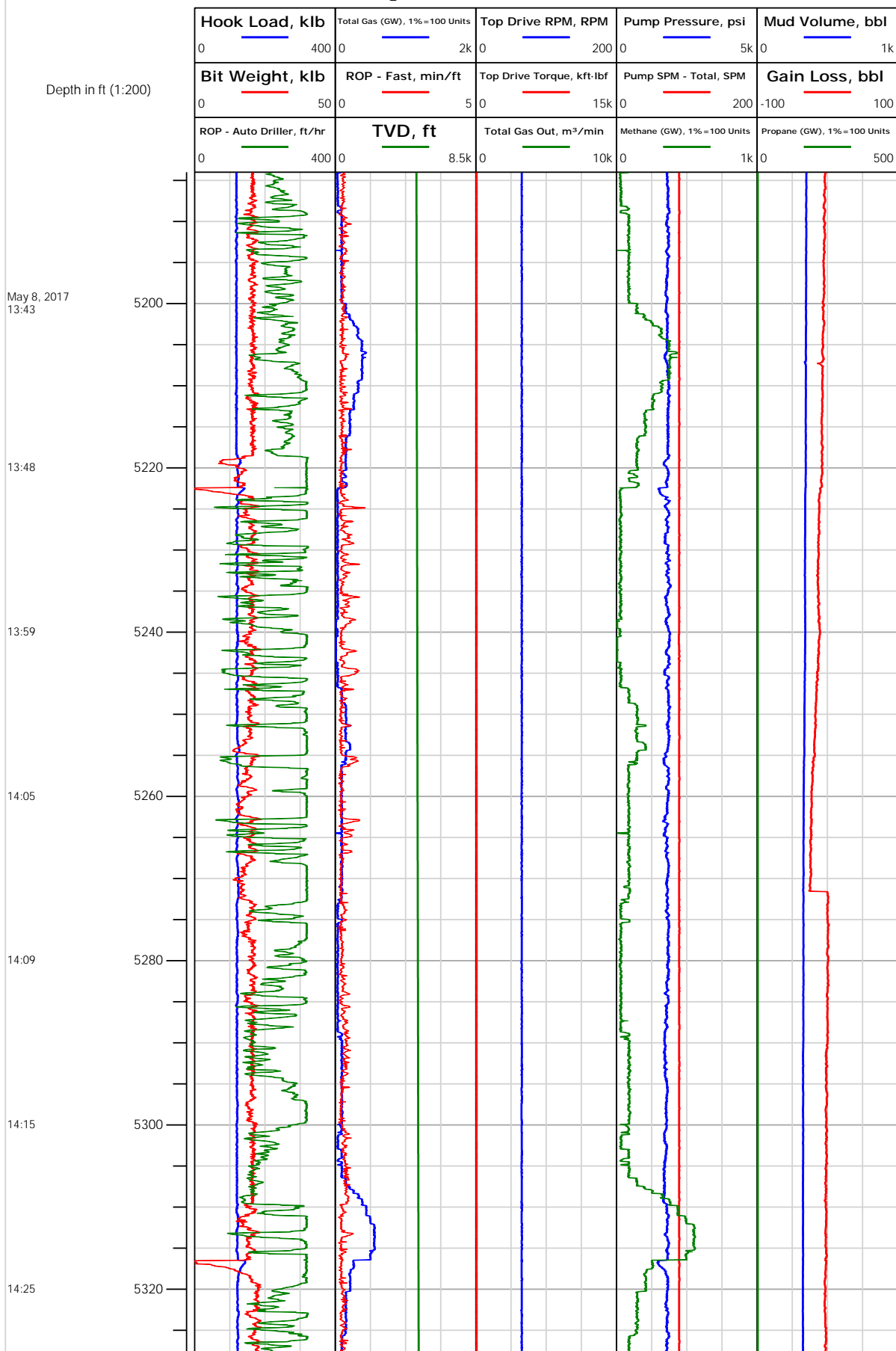
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





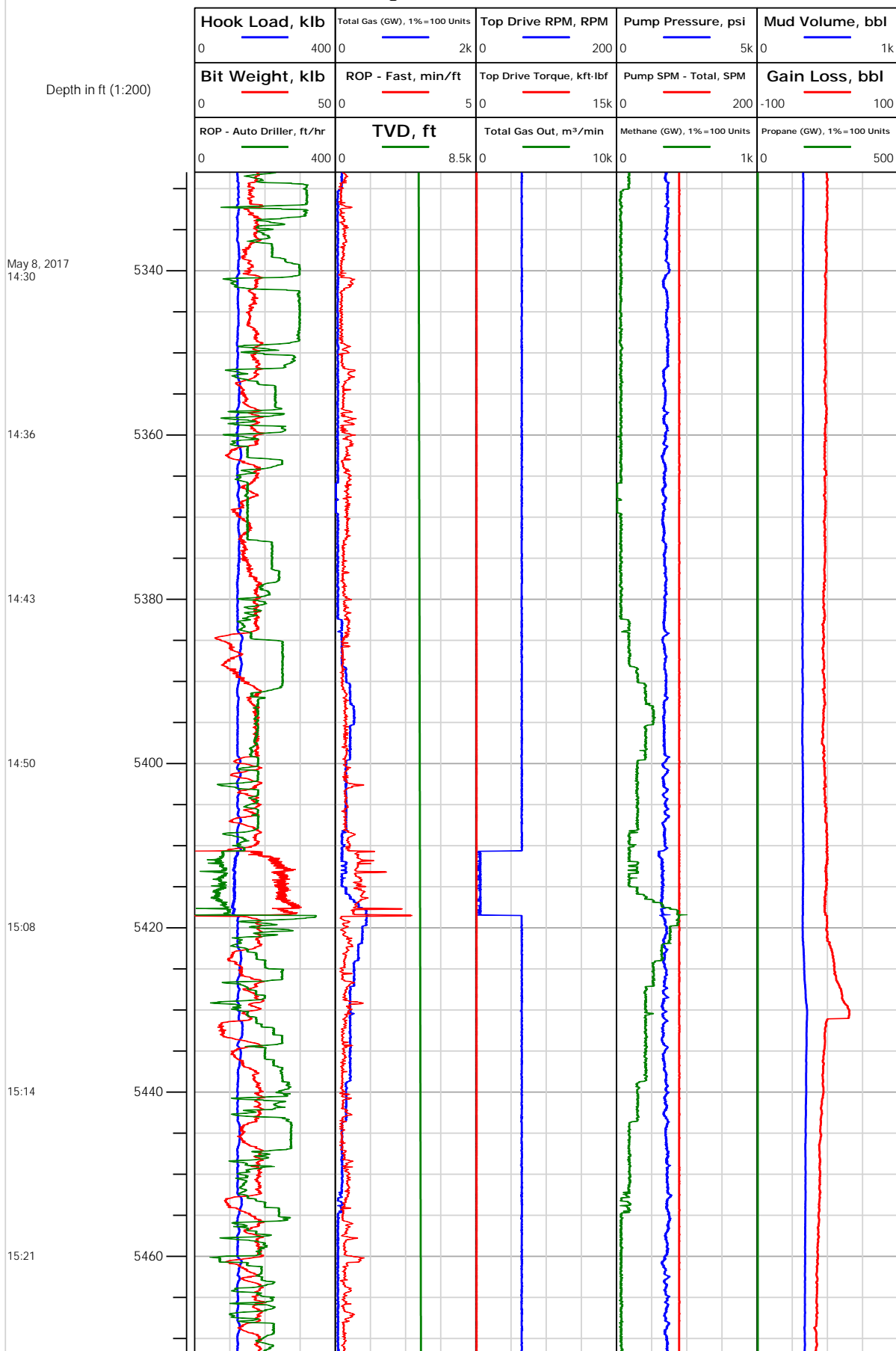
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





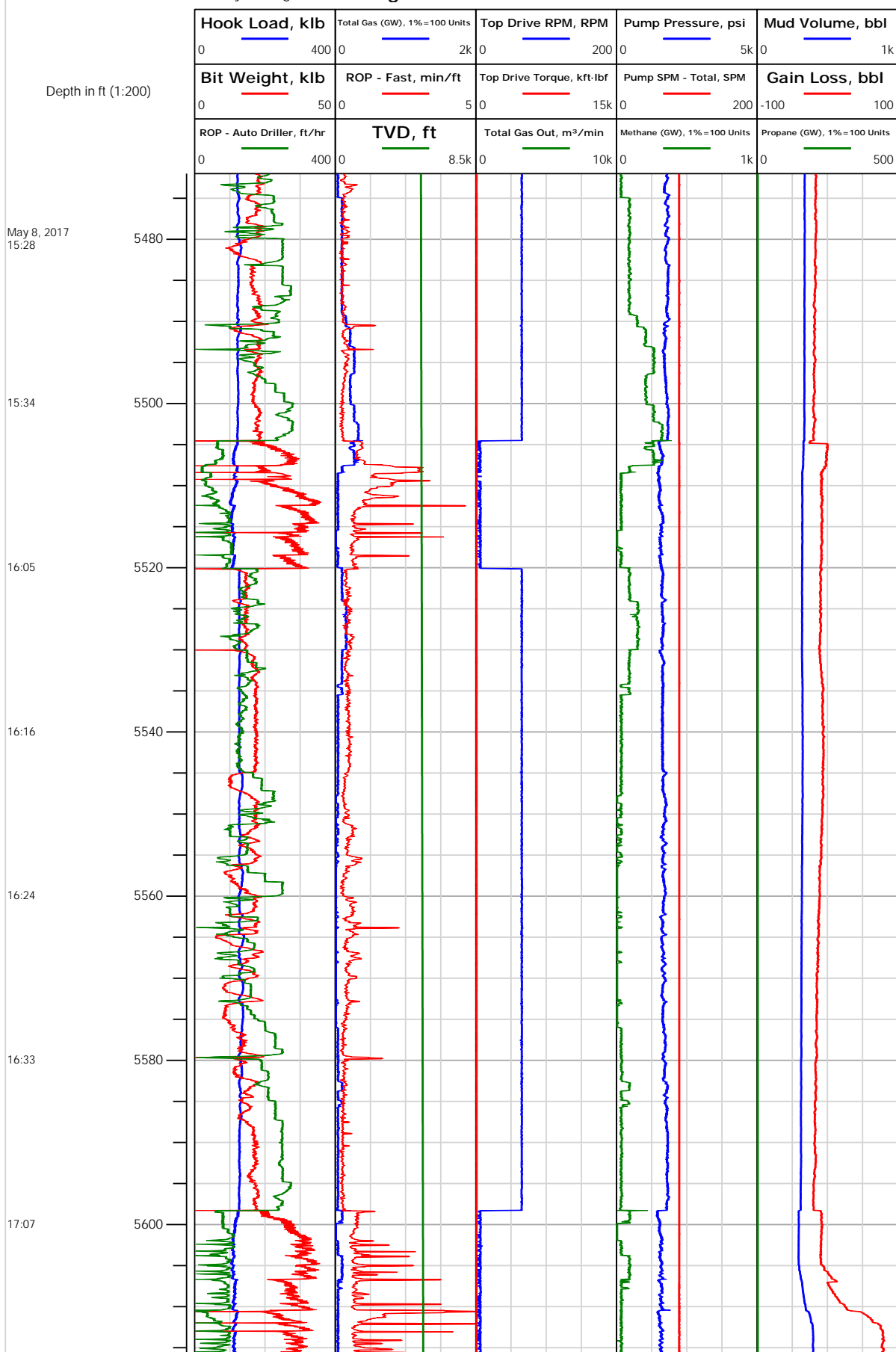
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





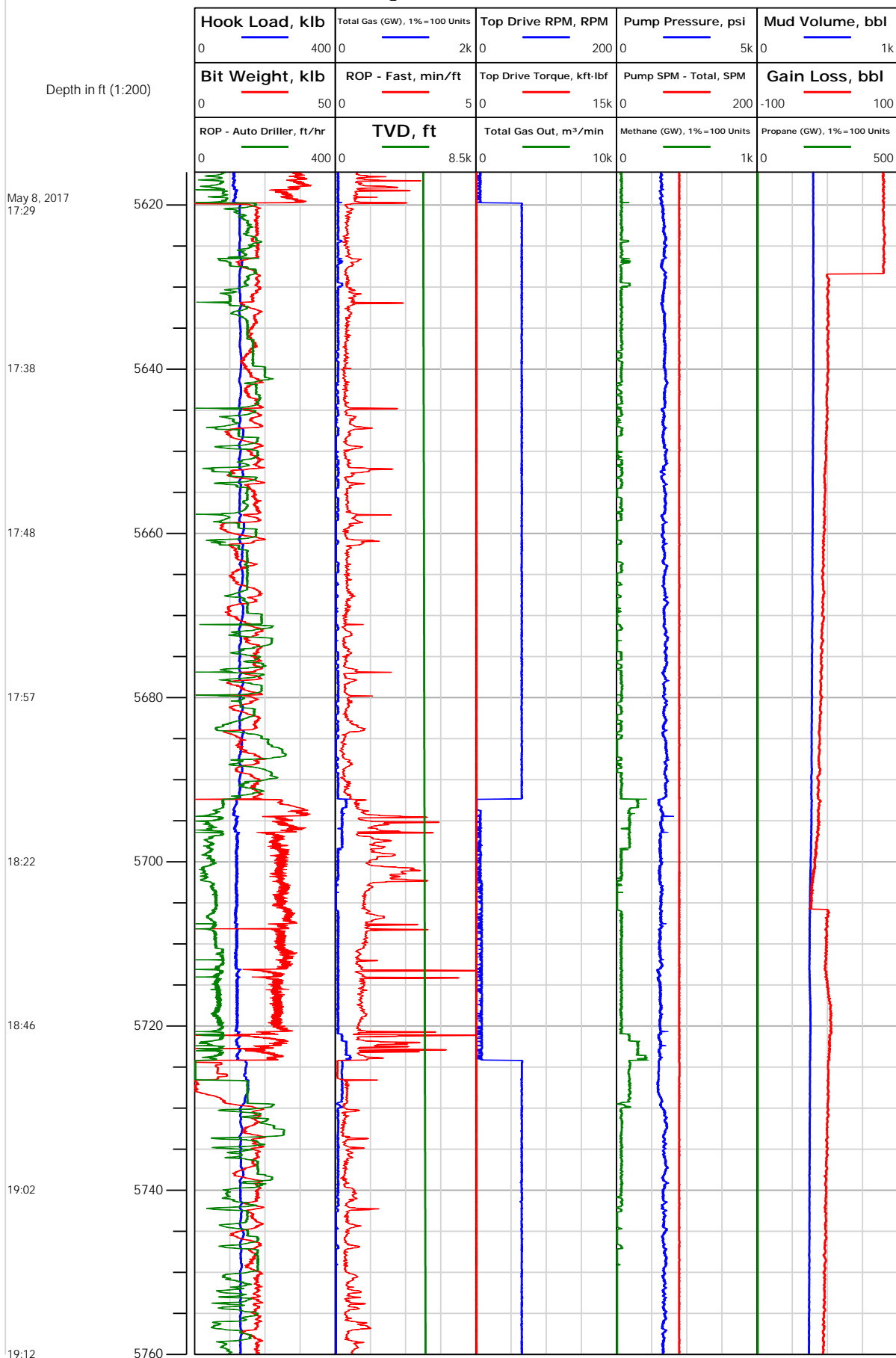
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





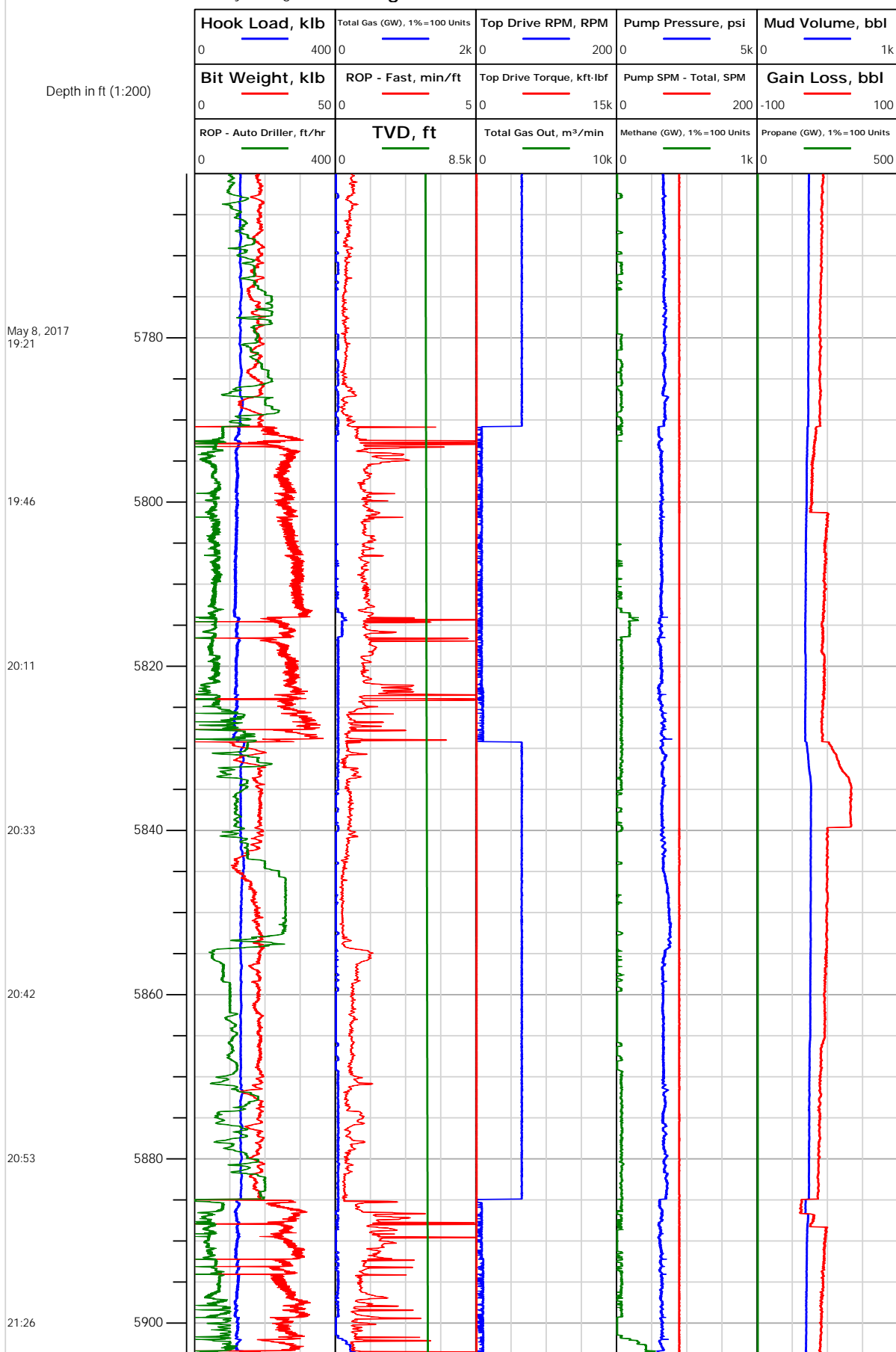
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





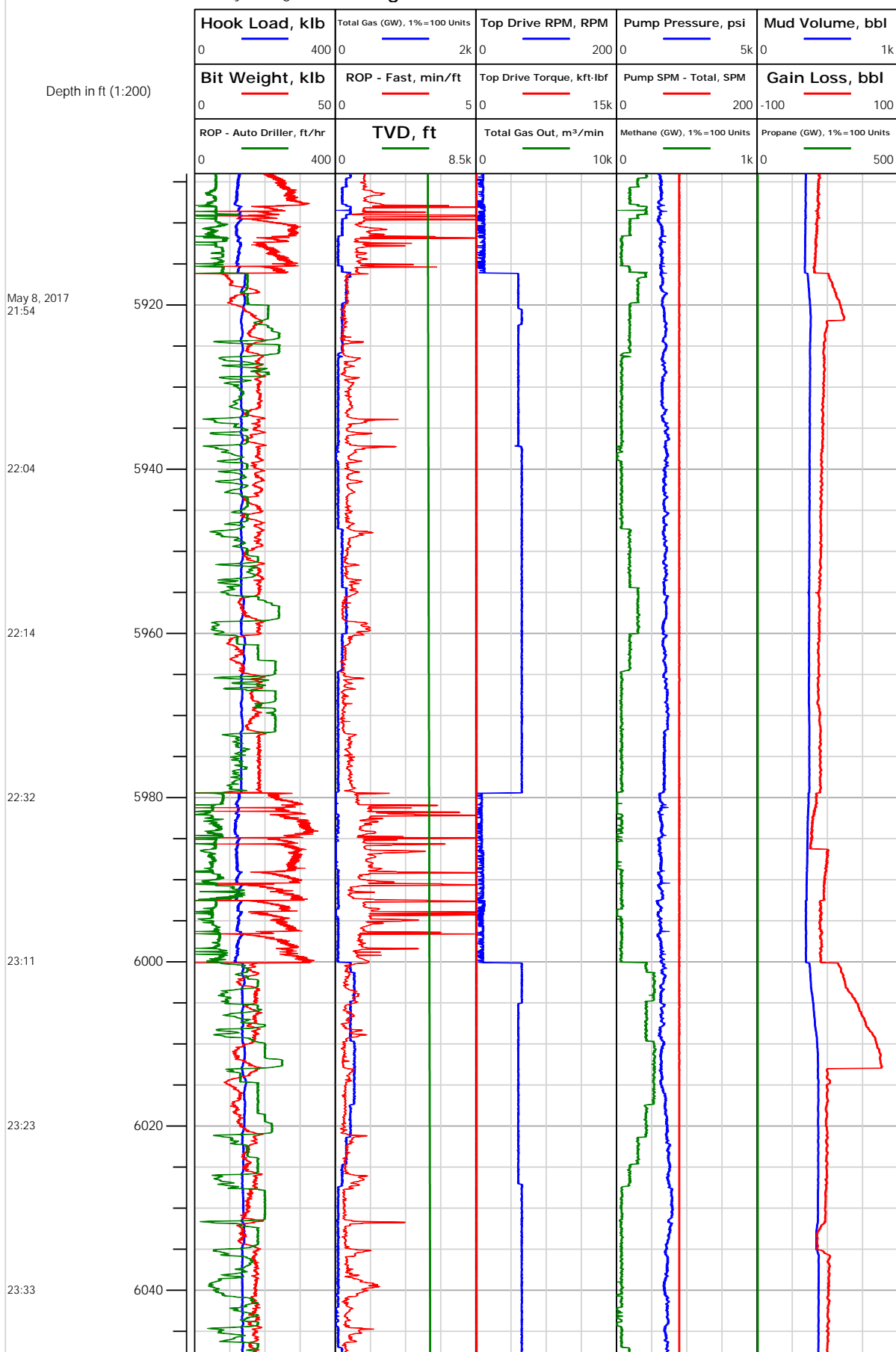
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes







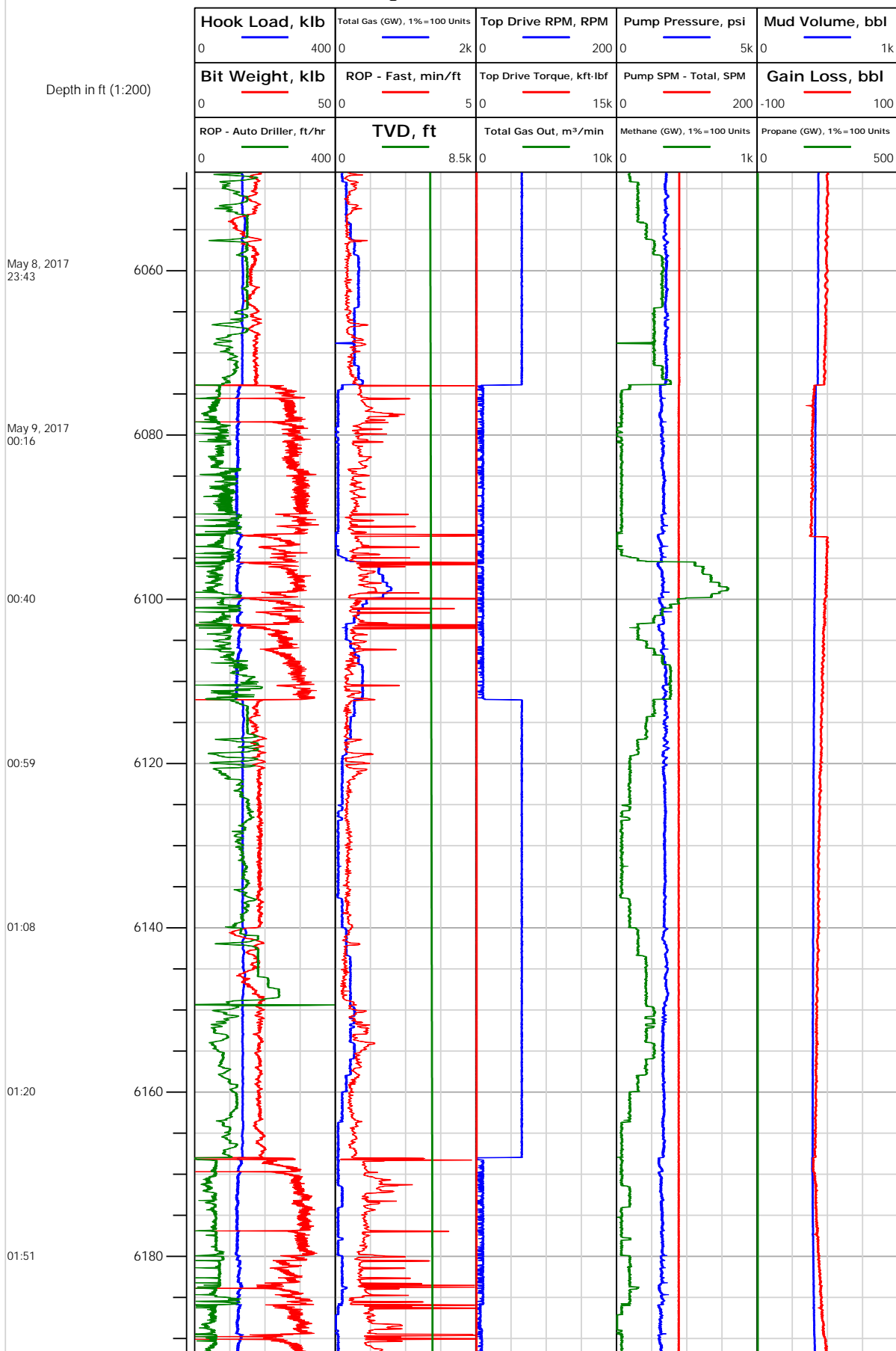
# Electronic Drilling Recorder

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**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





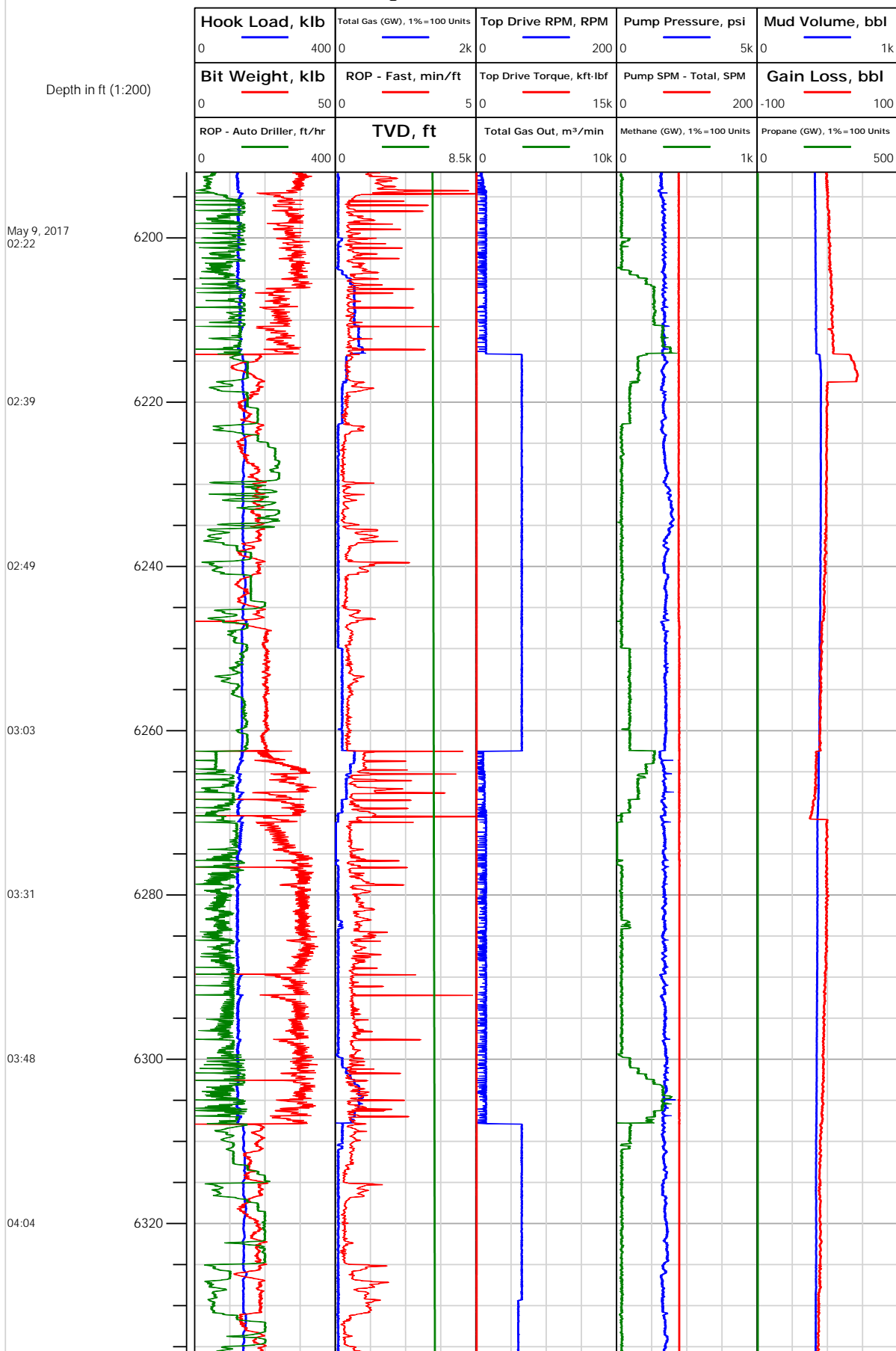
# Electronic Drilling Recorder

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**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





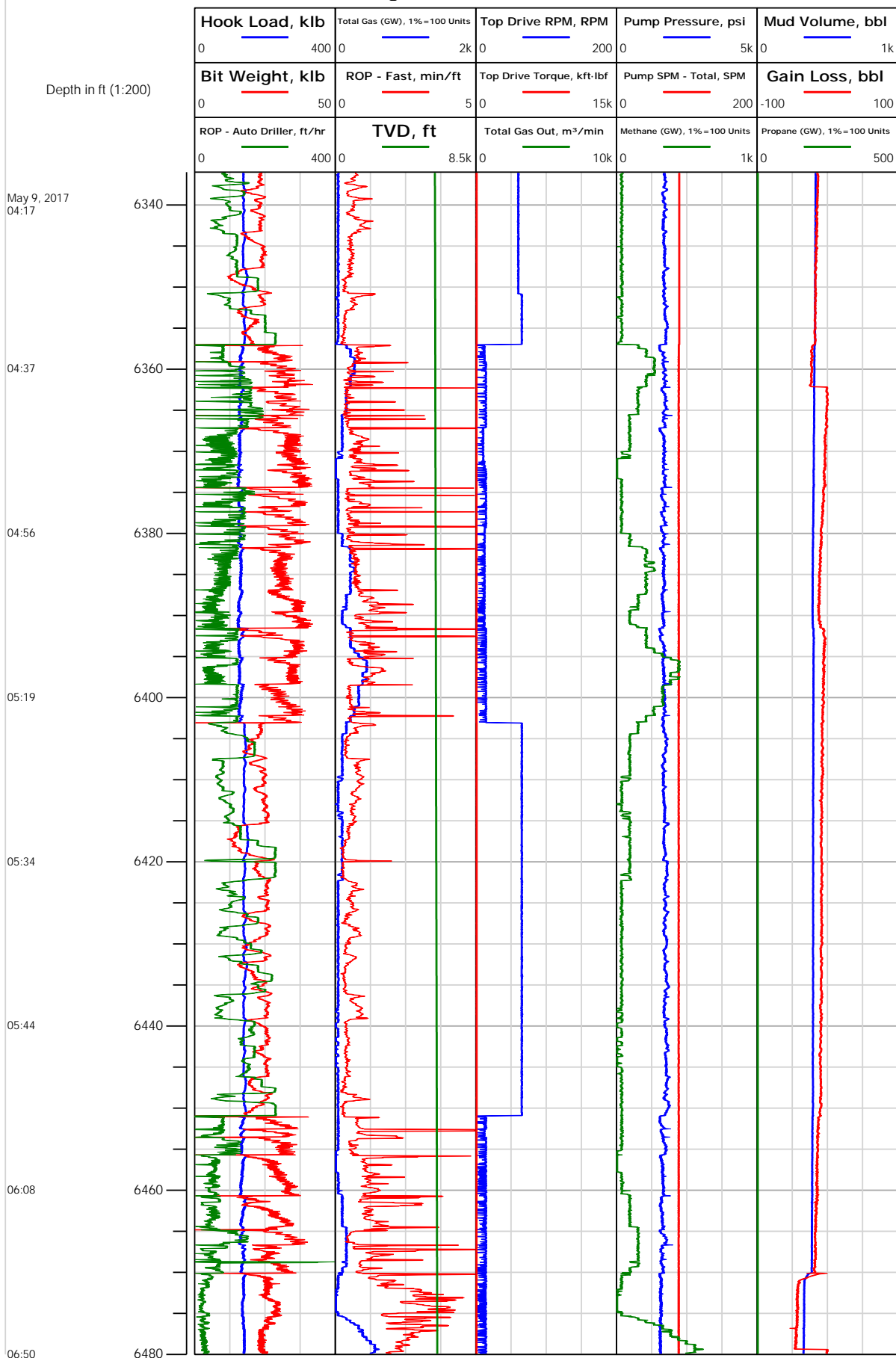
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





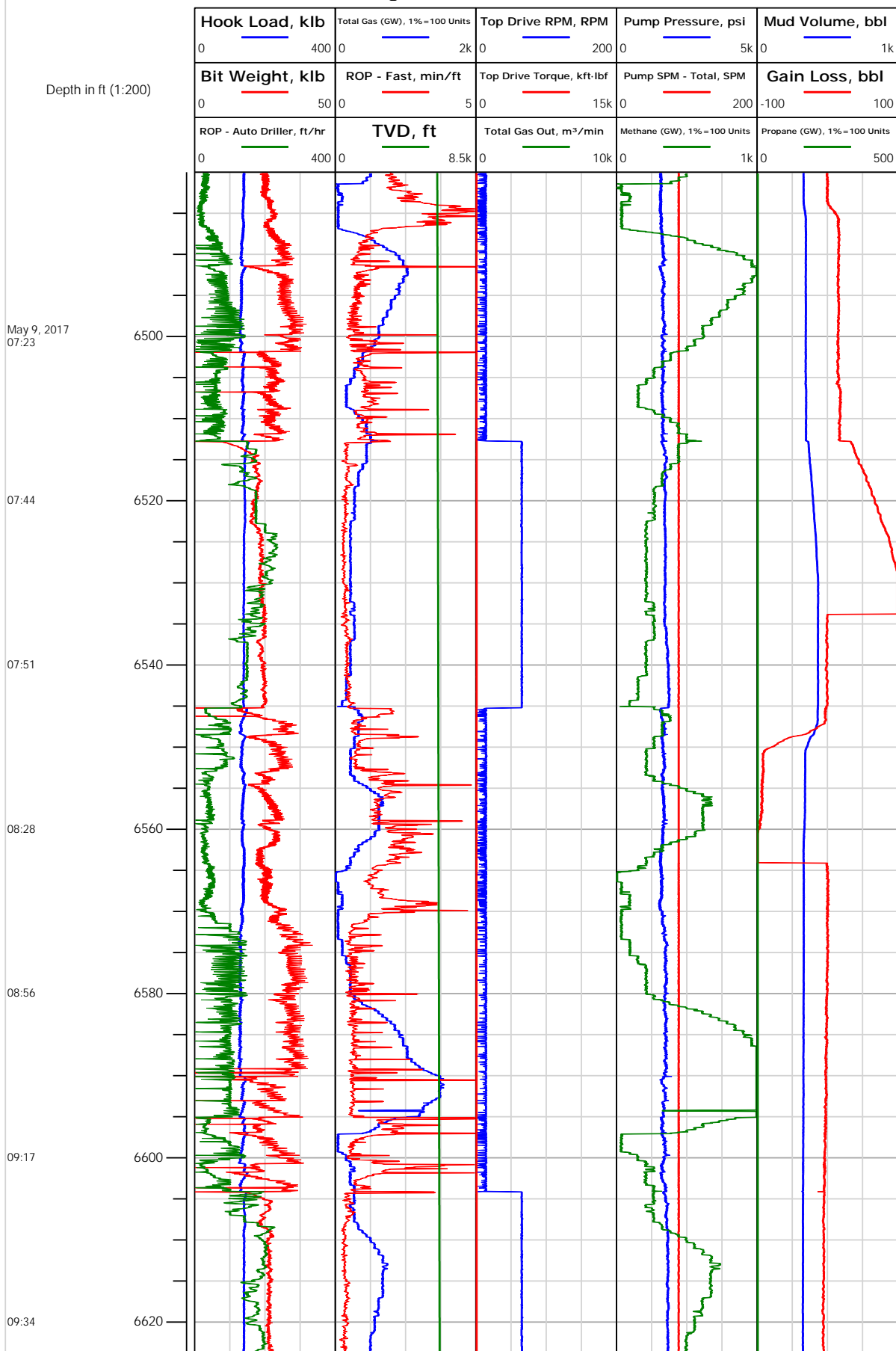
# Electronic Drilling Recorder

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**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





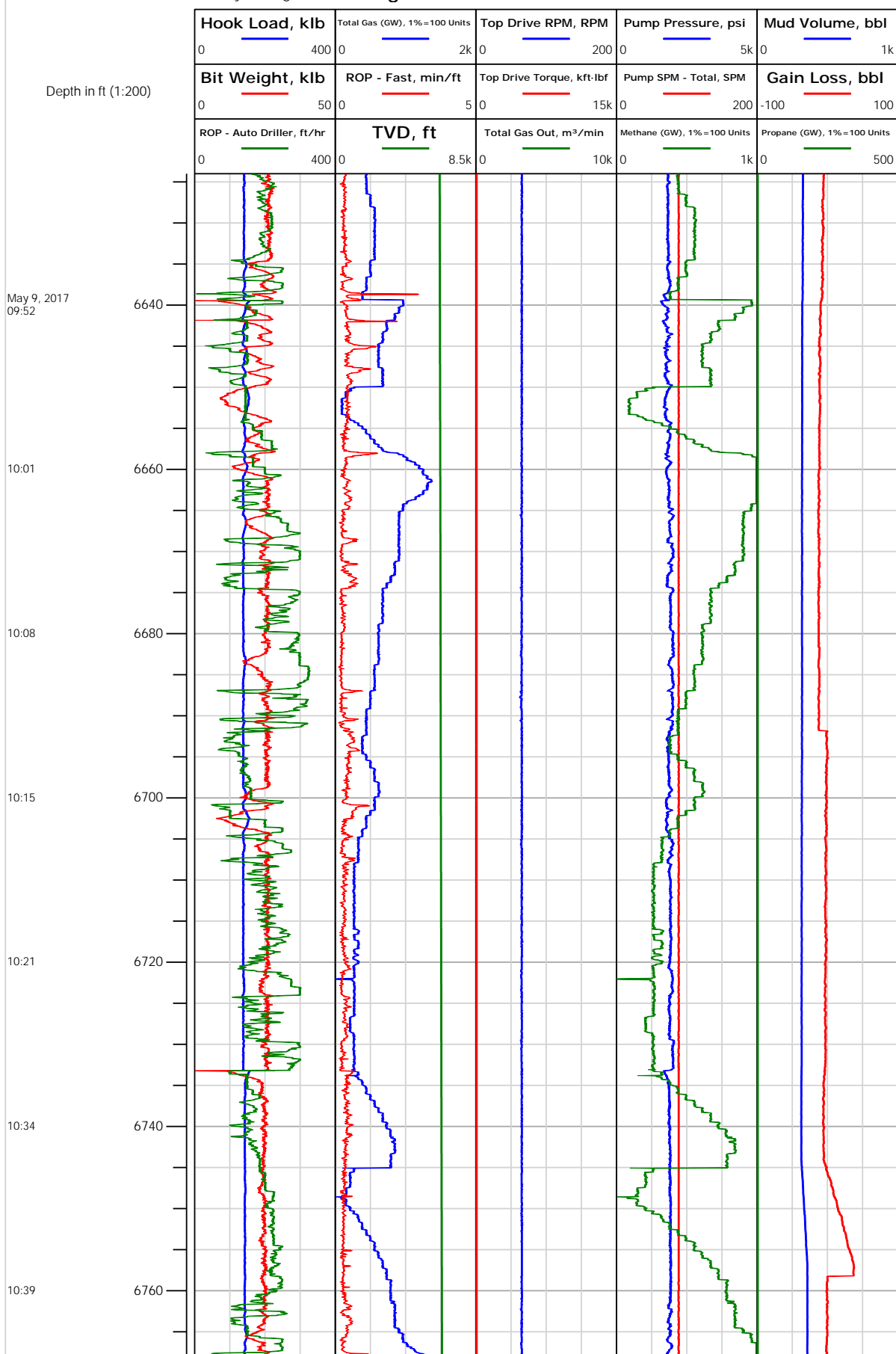
# Electronic Drilling Recorder

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**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





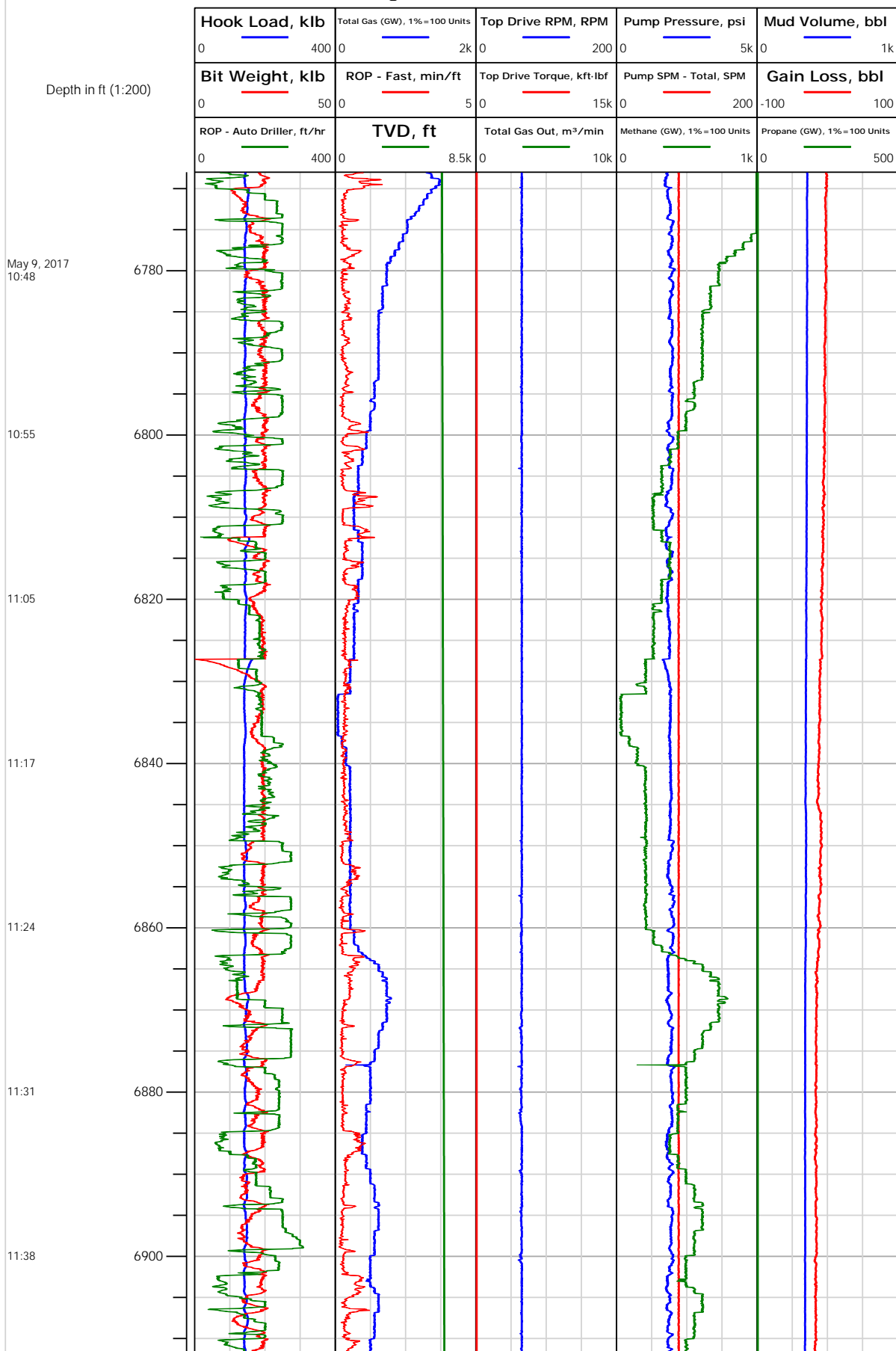
# Electronic Drilling Recorder

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**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





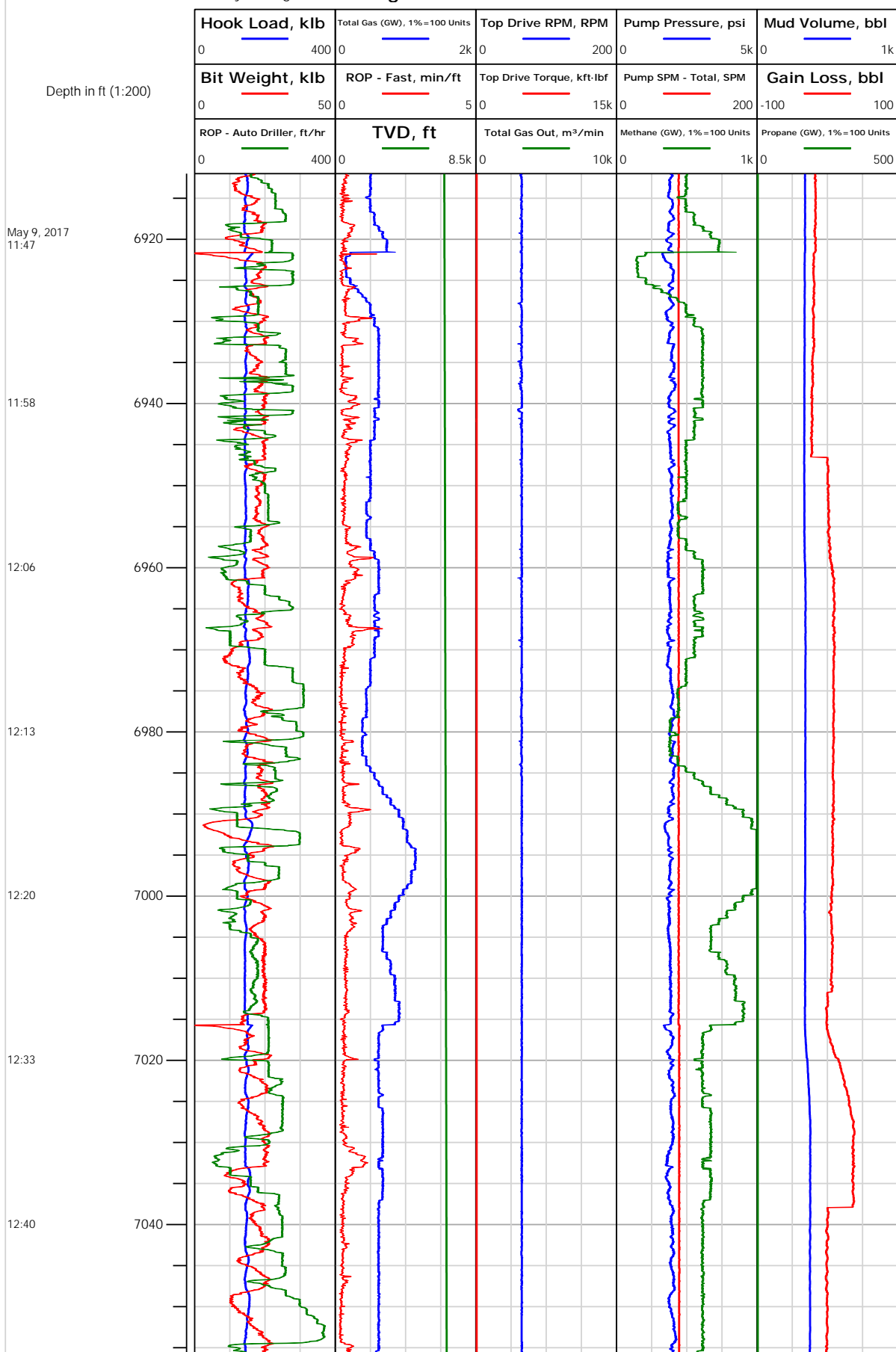
# Electronic Drilling Recorder

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**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





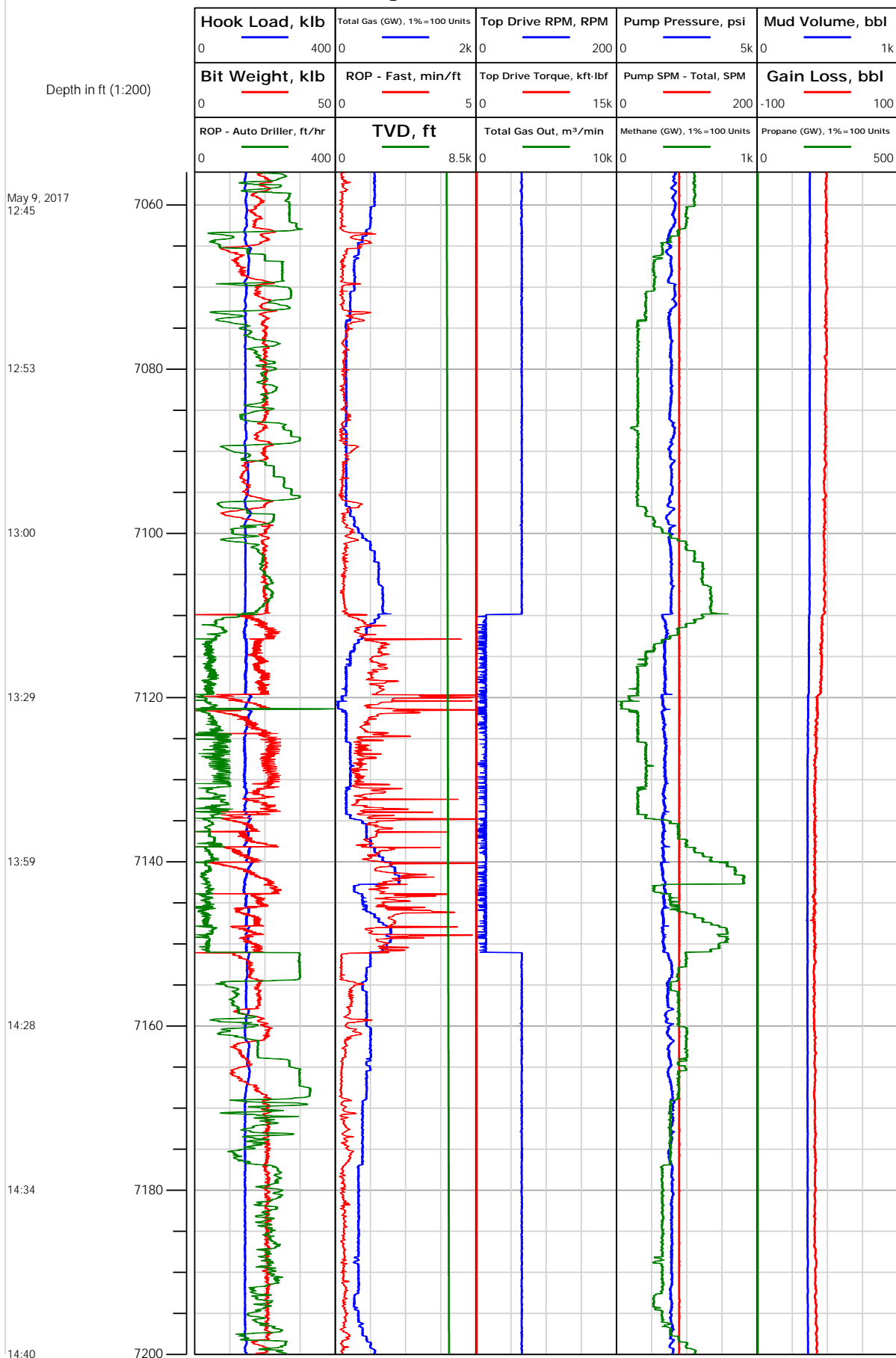
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**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes







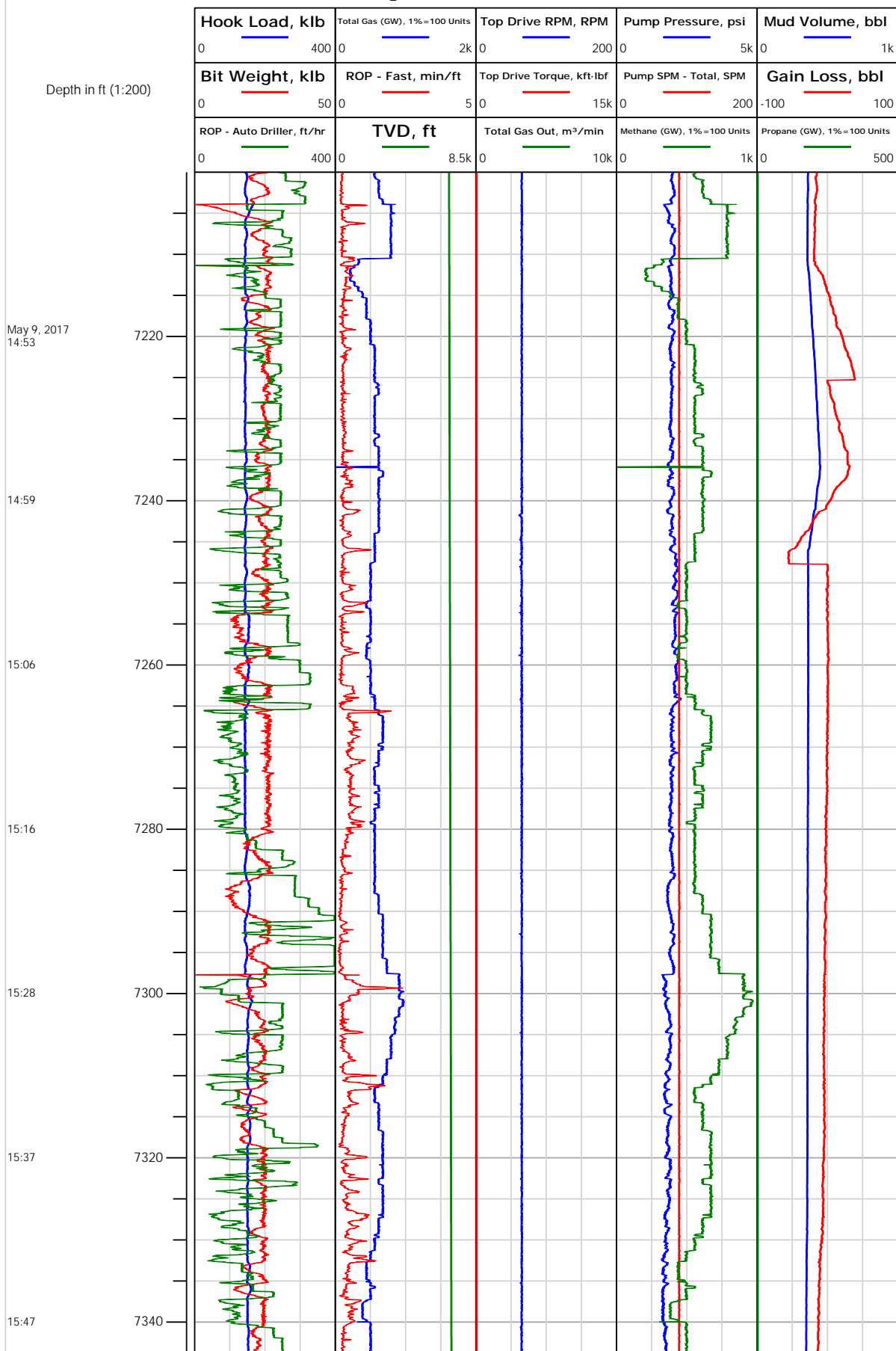
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**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





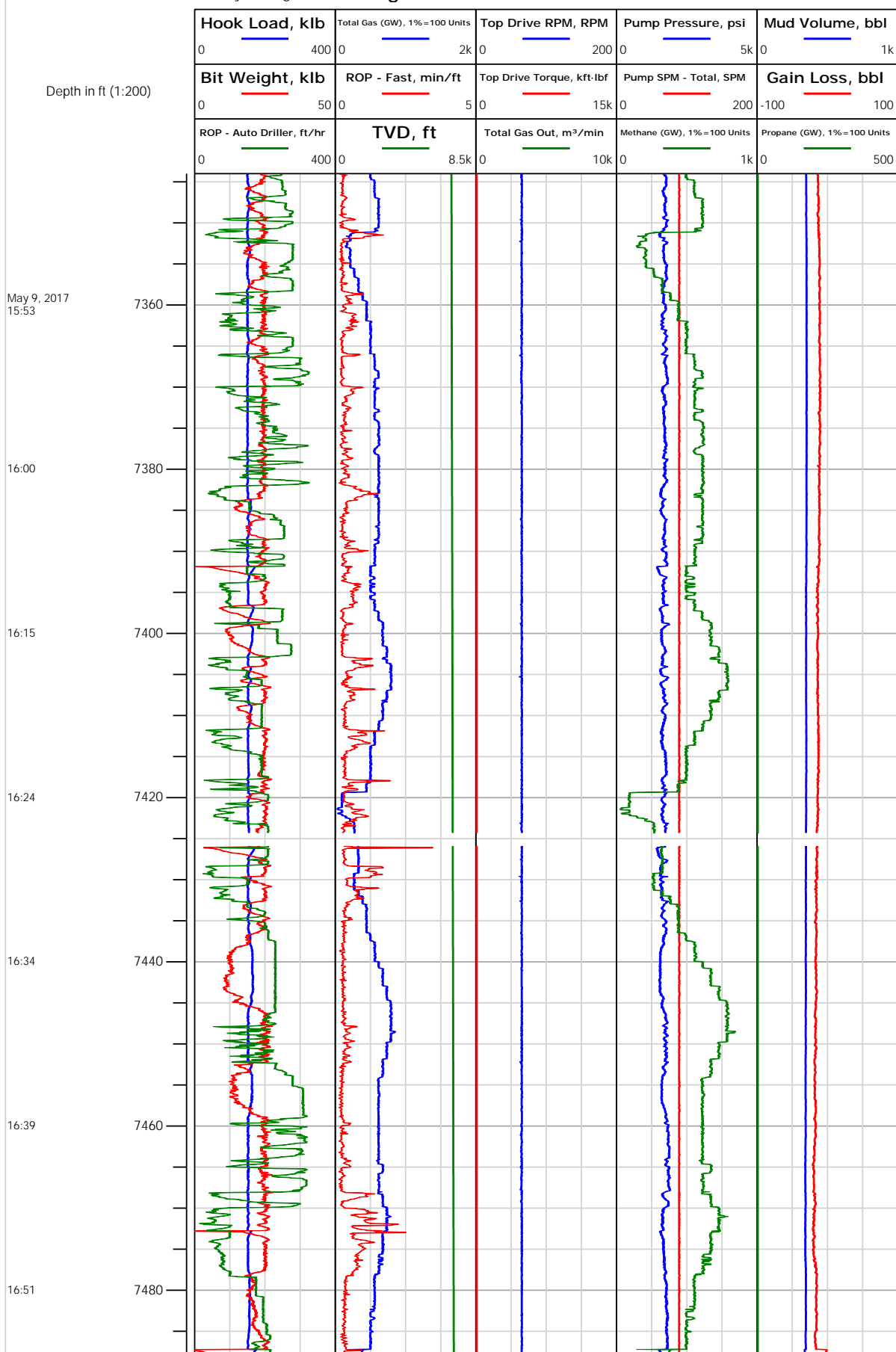
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**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





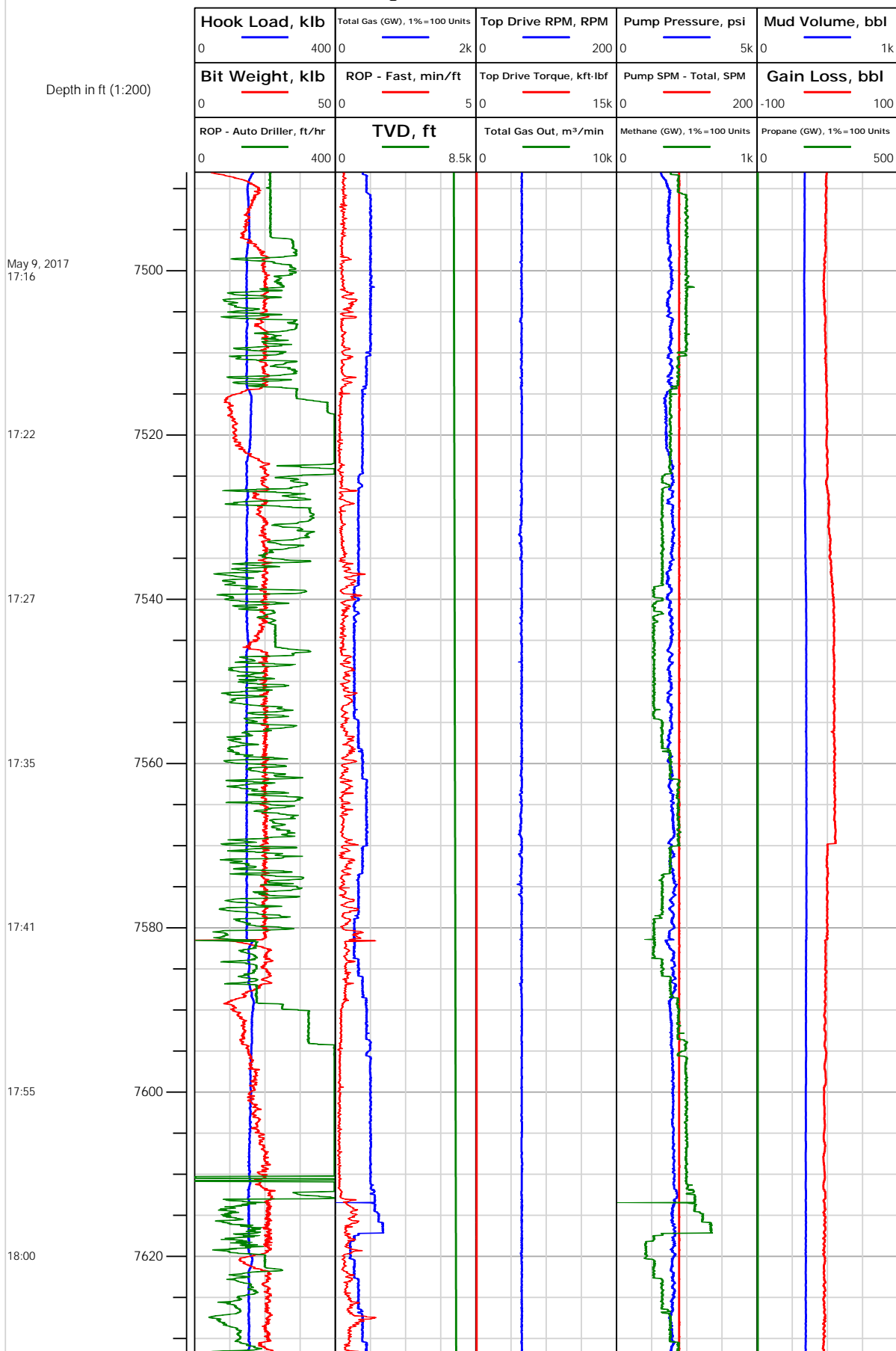
# Electronic Drilling Recorder

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**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





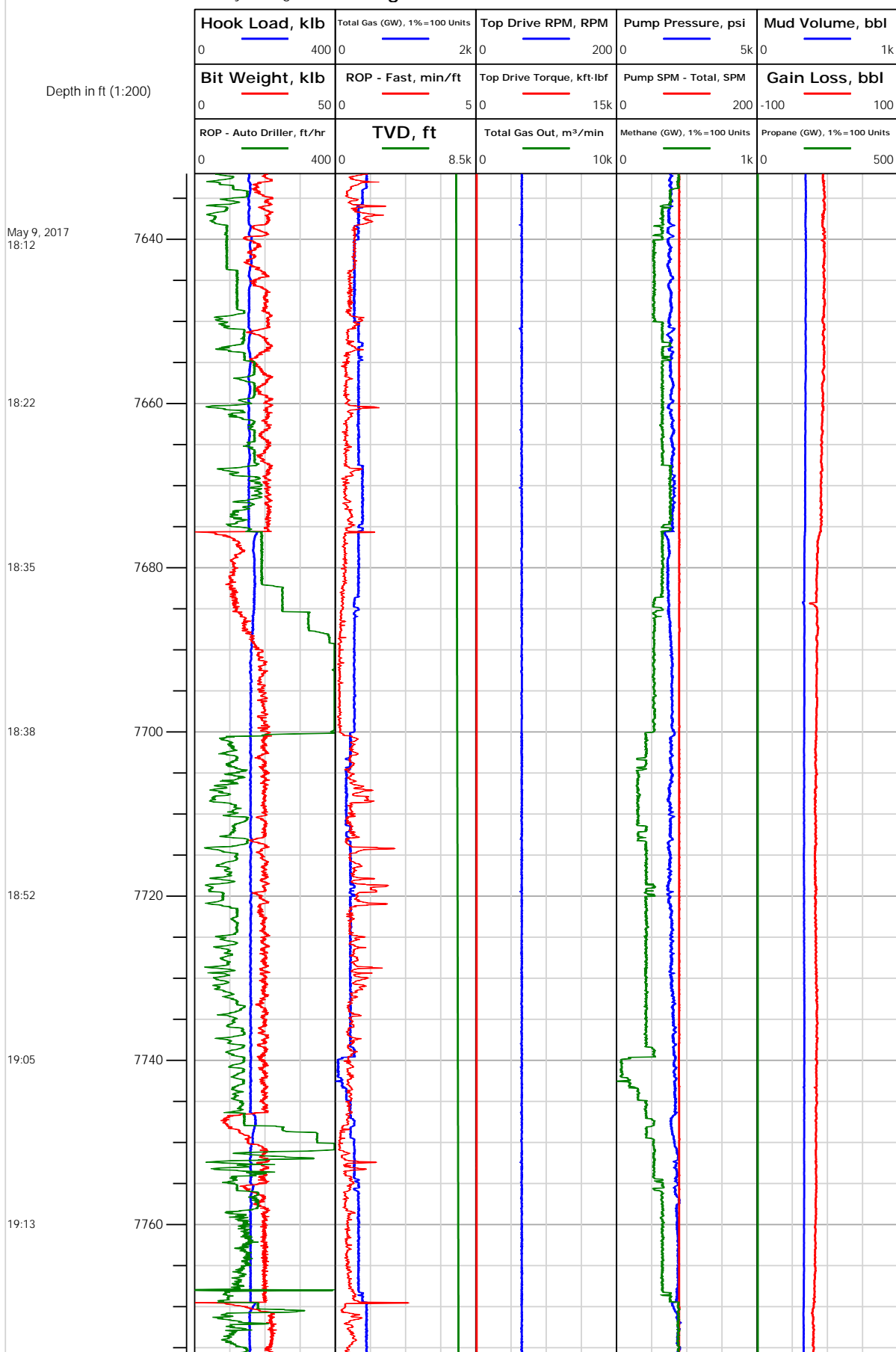
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





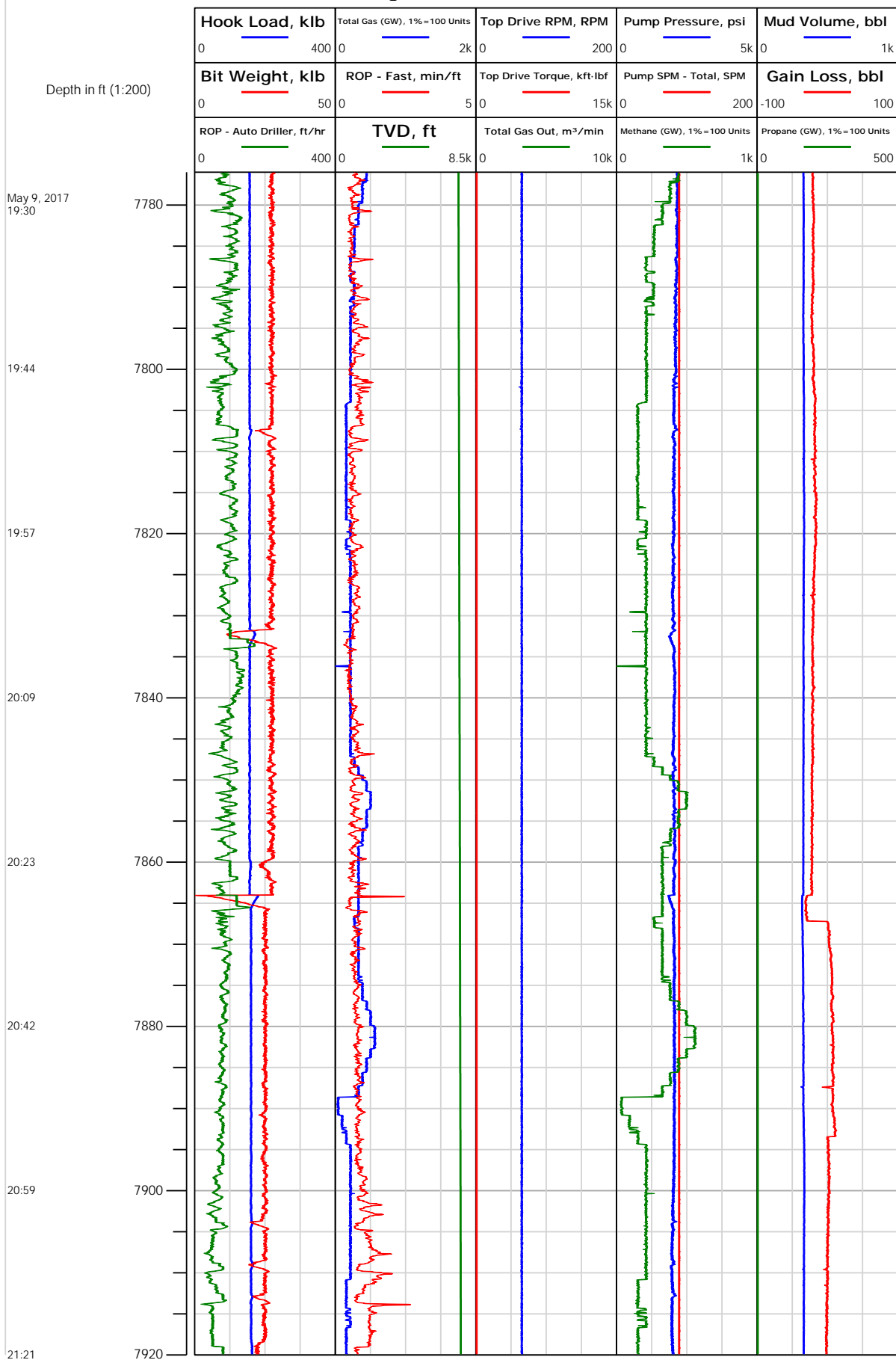
# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes





# Electronic Drilling Recorder

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

**Well Name:** Piceance Federal 29-18E  
**Rig:** 522

**Location:**

Notes

Depth in ft (1:200)

May 9, 2017  
21:45

22:16

22:34

May 10, 2017  
05:39

