

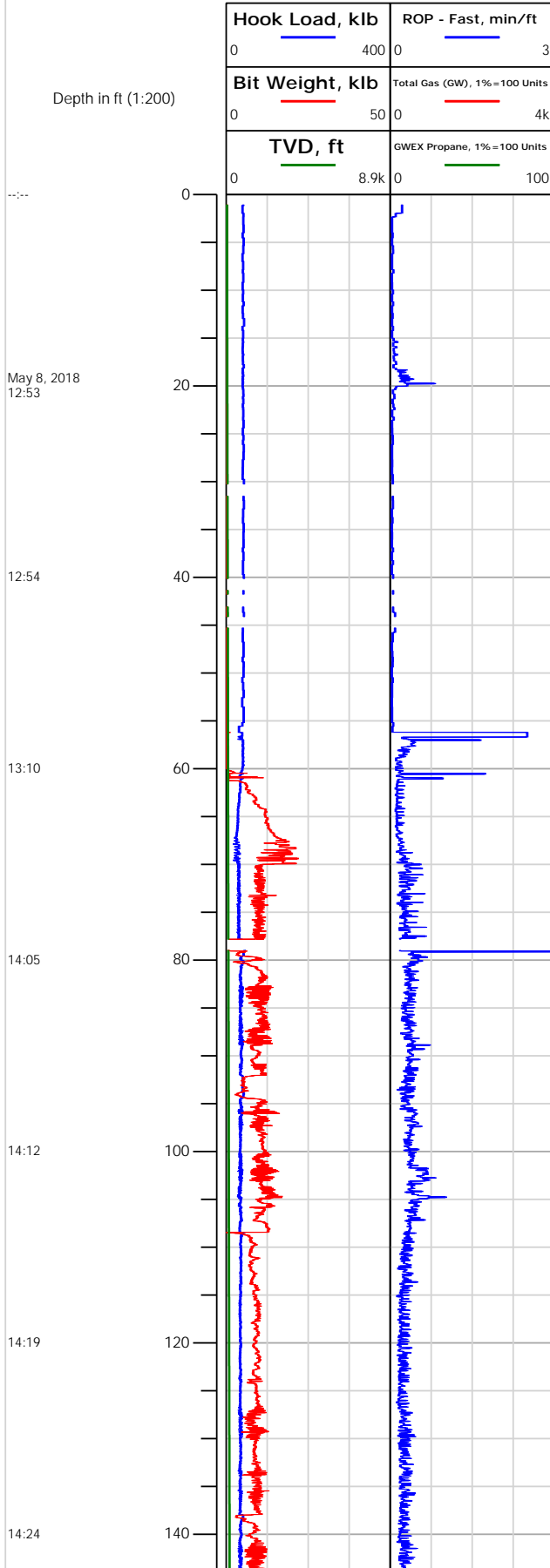


# Electronic Drilling Recorder

Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-19W  
Rig: 290

Location:





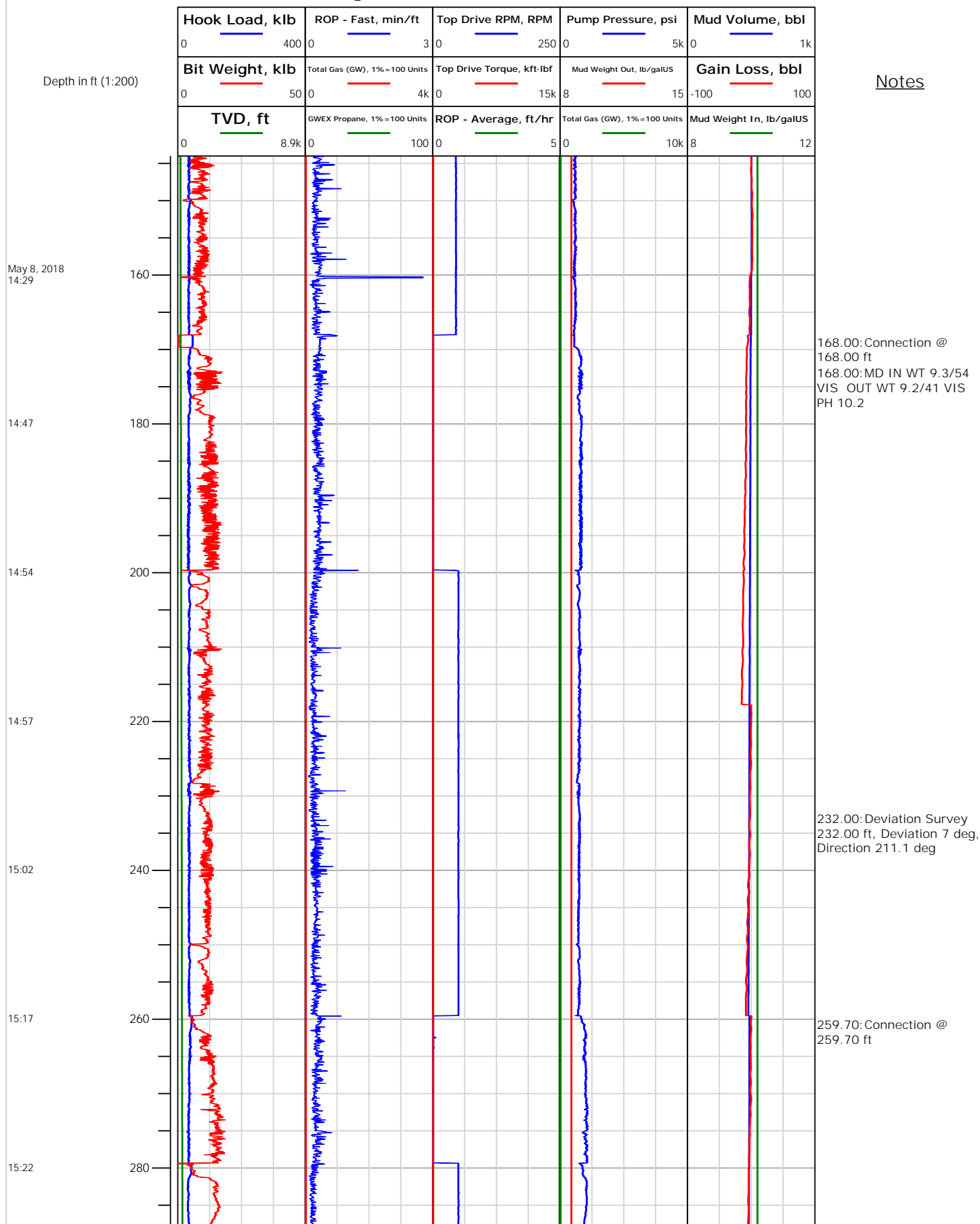
## Electronic Drilling Recorder

Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-19W  
Rig: 290

Location:

Notes







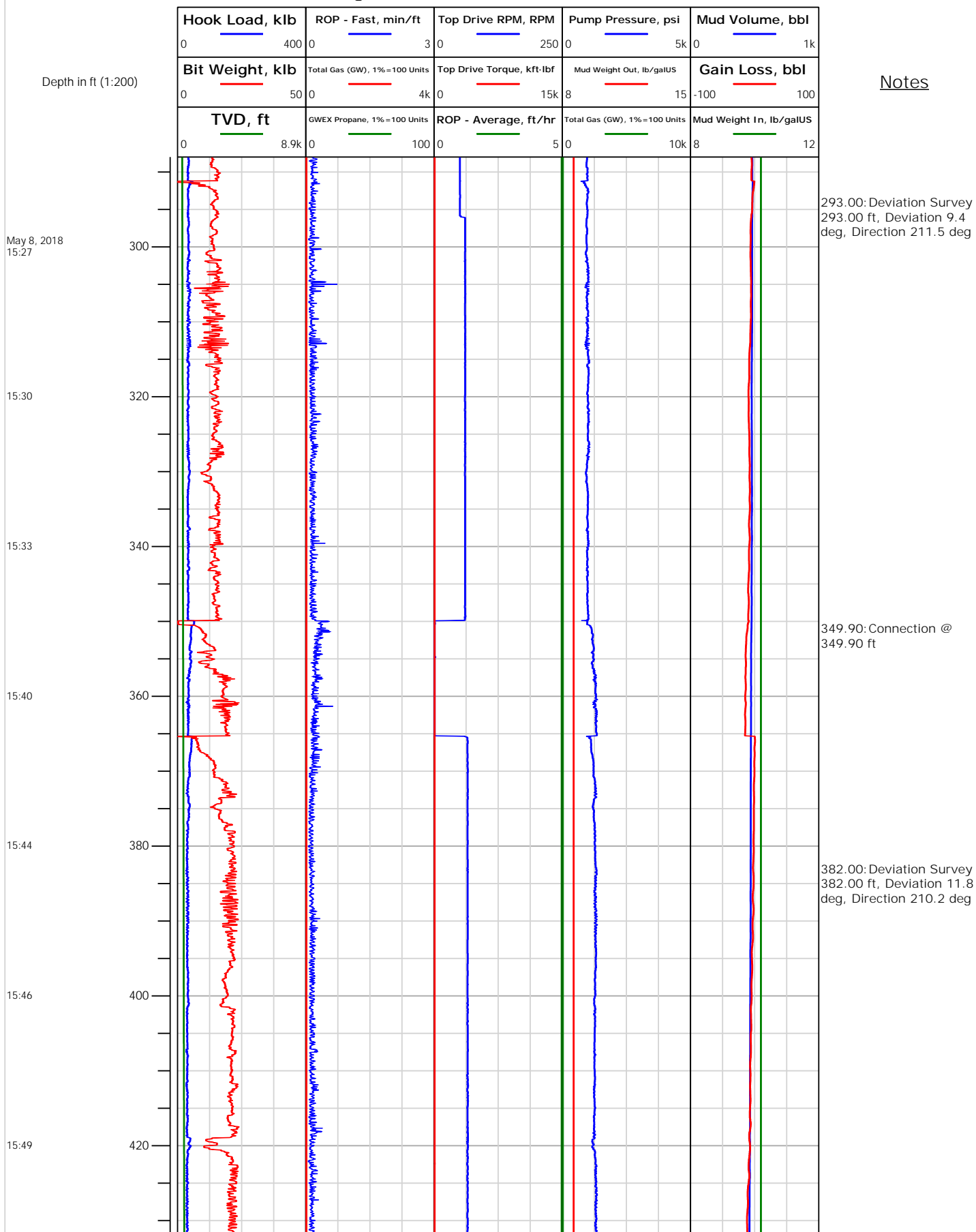
# Electronic Drilling Recorder

Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-19W  
Rig: 290

Location:

## Notes





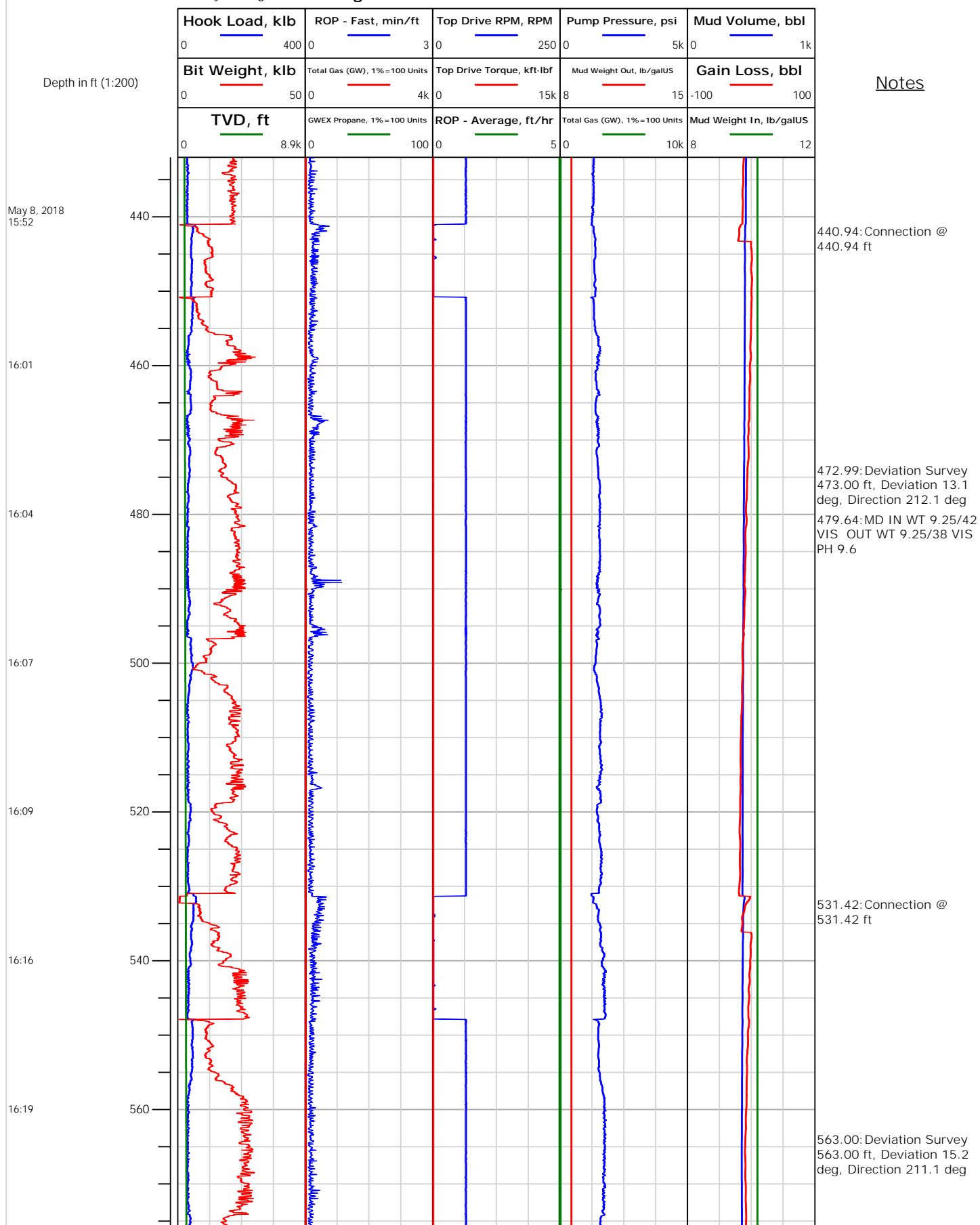
Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

# Electronic Drilling Recorder

Well Name: Nichols 24-19W  
Rig: 290

Location:

## Notes





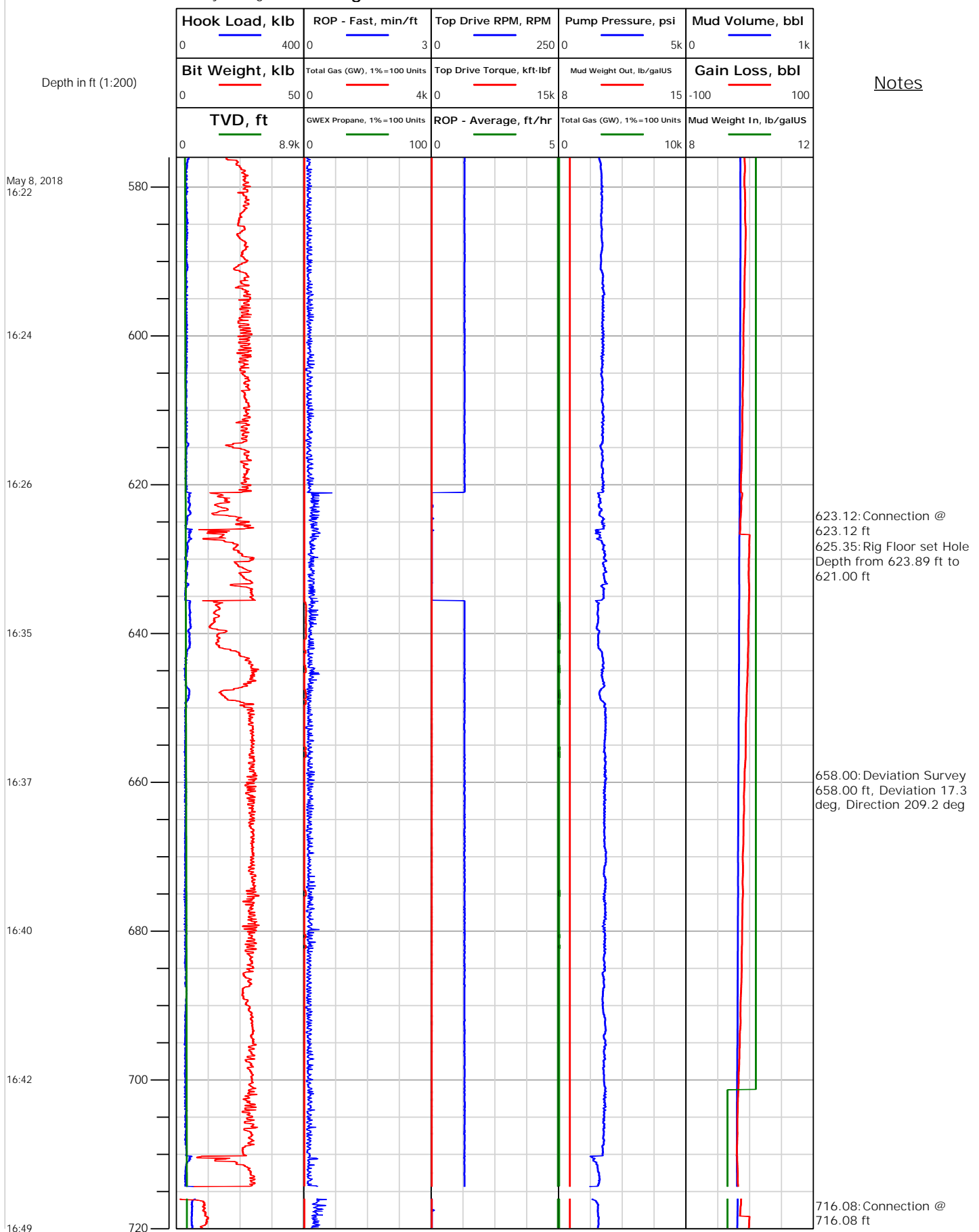
# Electronic Drilling Recorder

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

**Well Name:** Nichols 24-19W  
**Rig:** 290

**Location:**

Notes





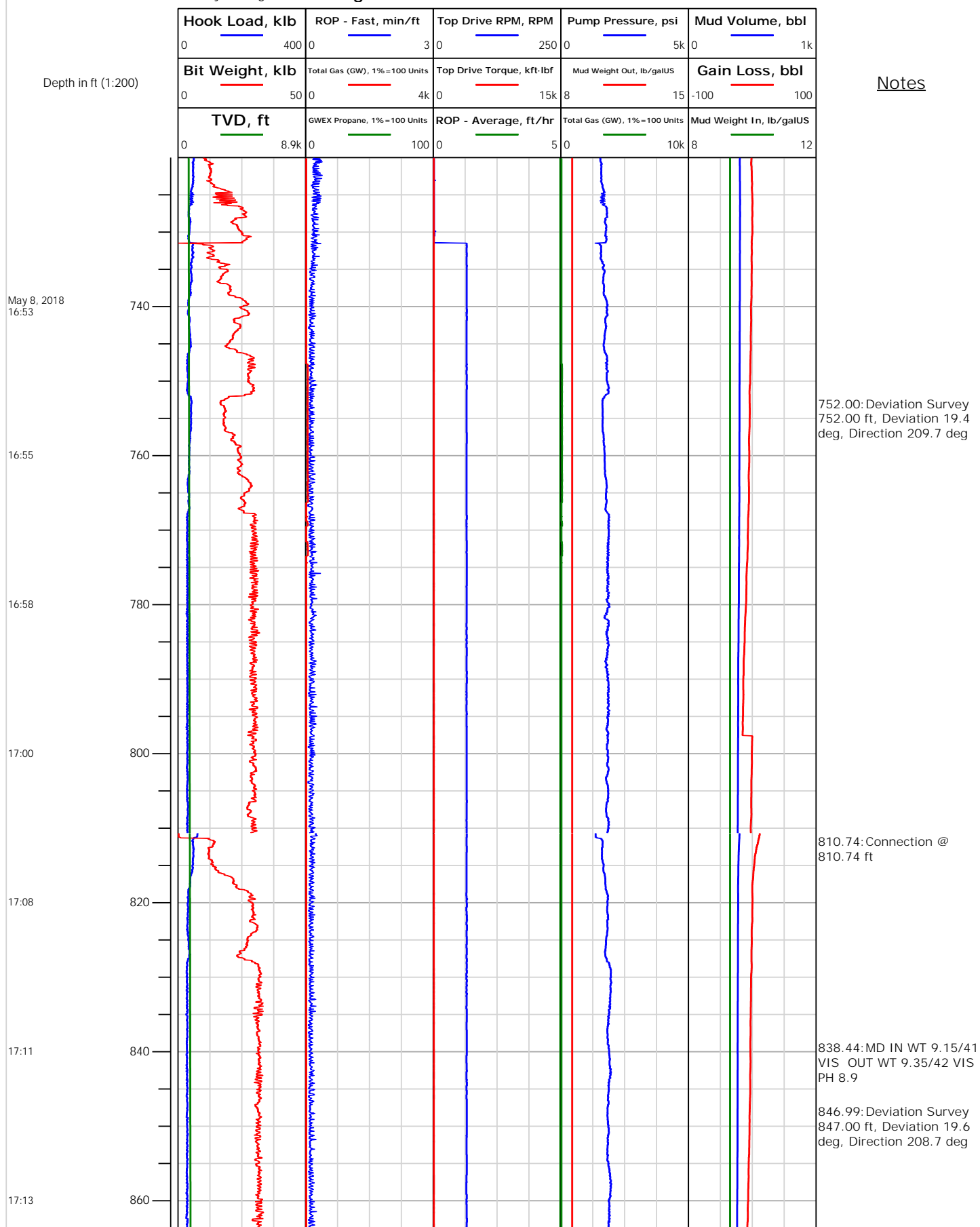
Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

# Electronic Drilling Recorder

Well Name: Nichols 24-19W  
Rig: 290

Location:

Notes





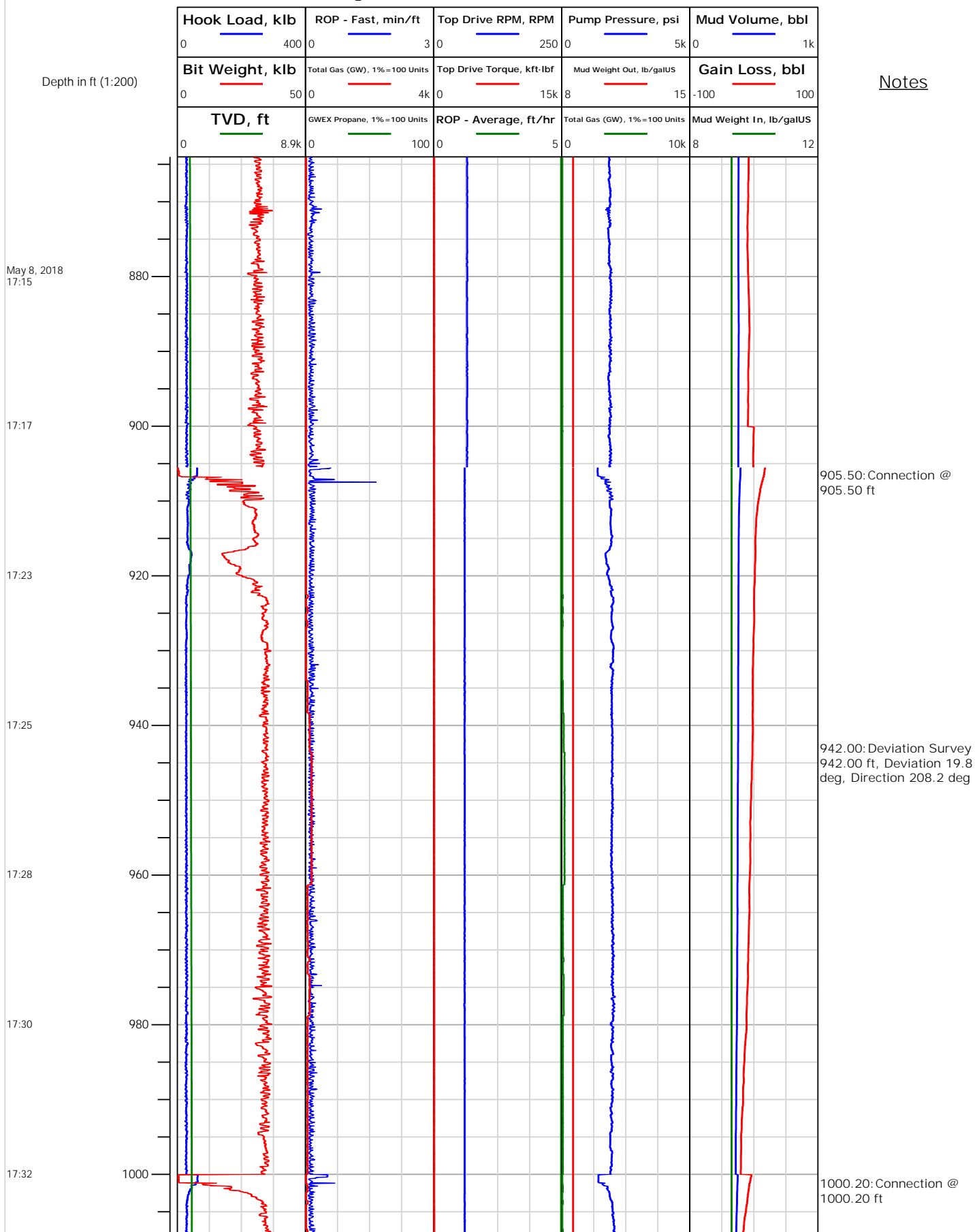
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**Operator:** Laramie Energy  
**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Nichols 24-19W  
**Rig:** 290

**Location:**

Notes





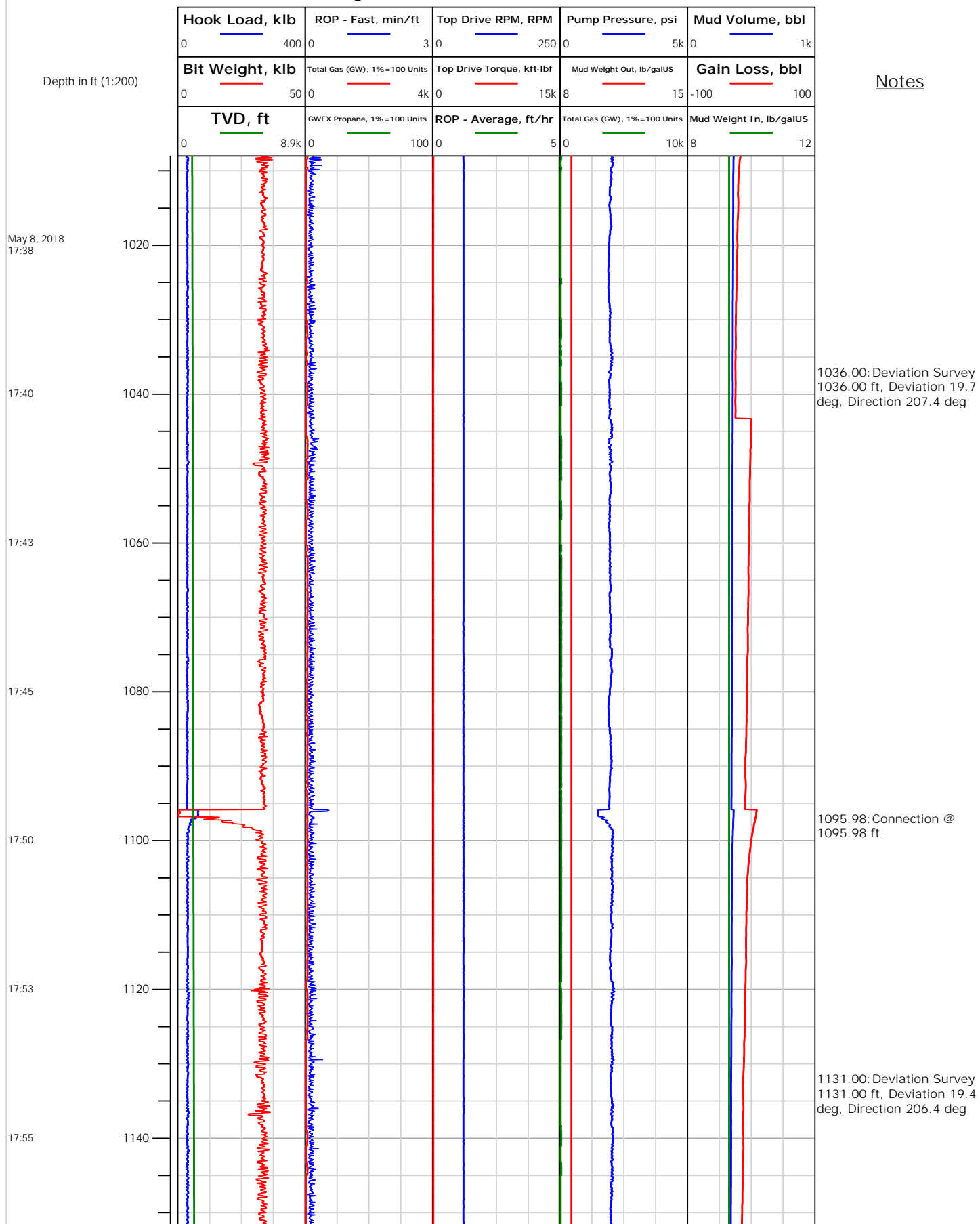
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Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-19W  
Rig: 290

Location:

Notes





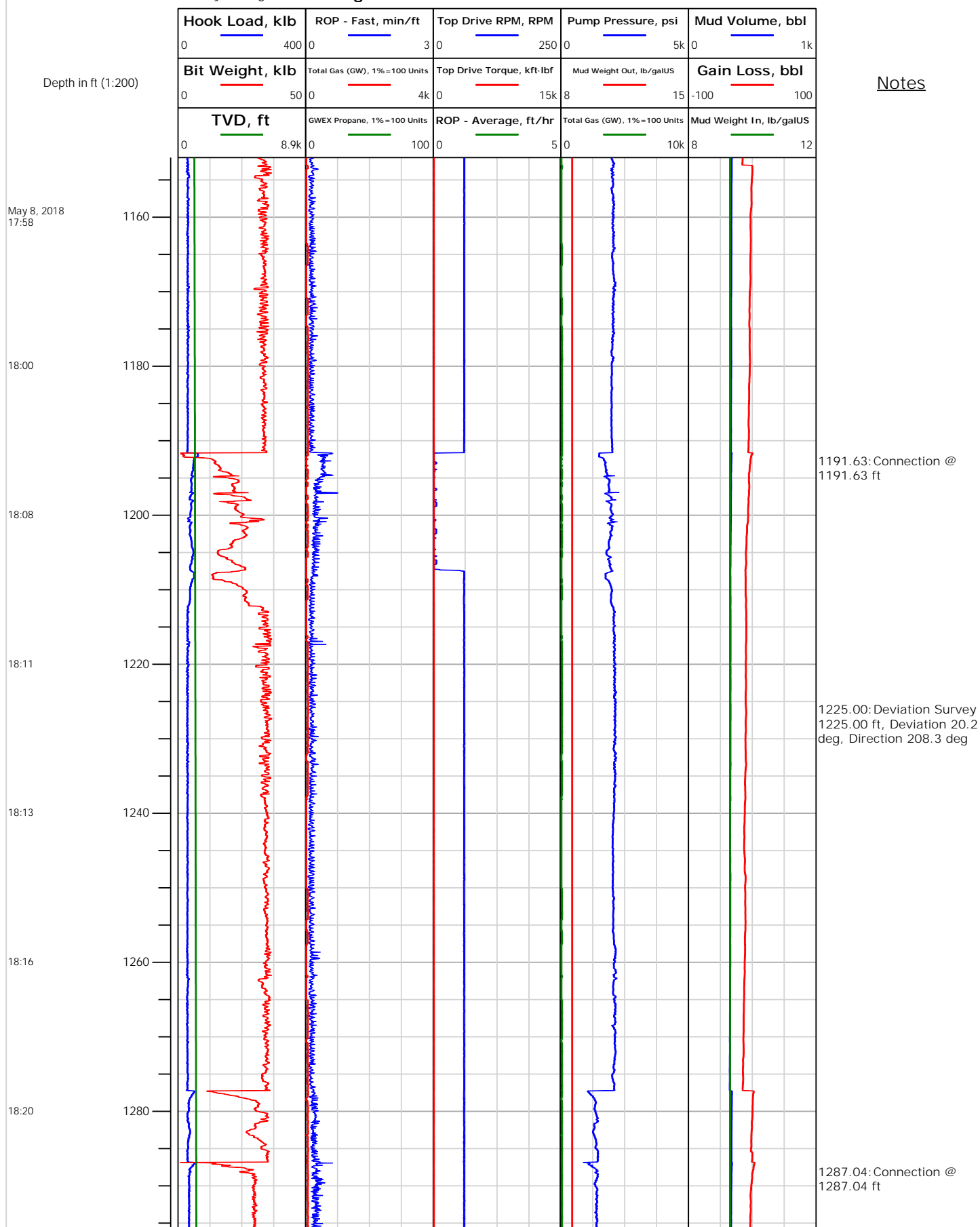
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**Contractor:** Helmerich & Payne Drlg Co

# Electronic Drilling Recorder

**Well Name:** Nichols 24-19W  
**Rig:** 290

**Location:**

Notes





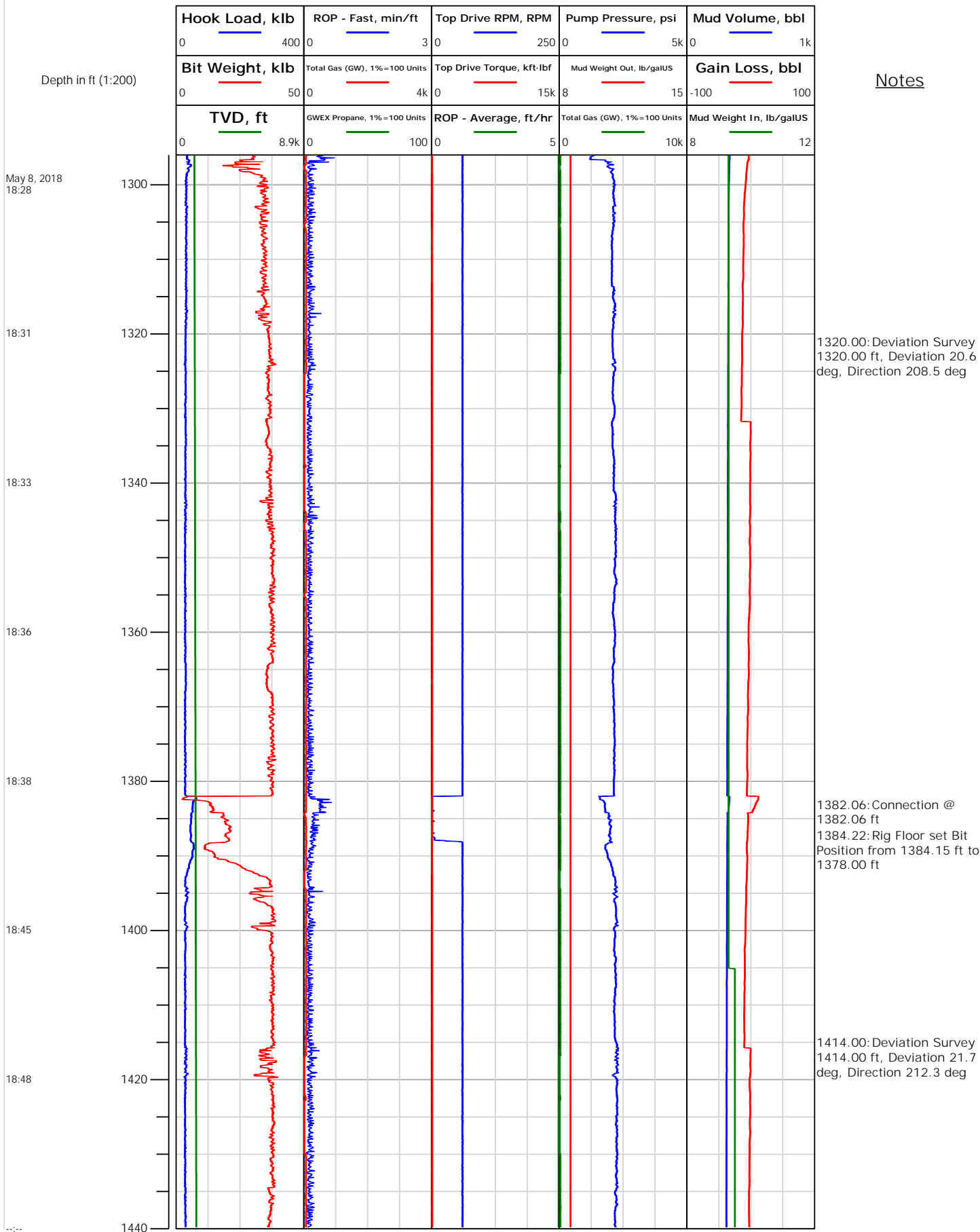
# Electronic Drilling Recorder

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

**Well Name:** Nichols 24-19W  
**Rig:** 290

**Location:**

Notes







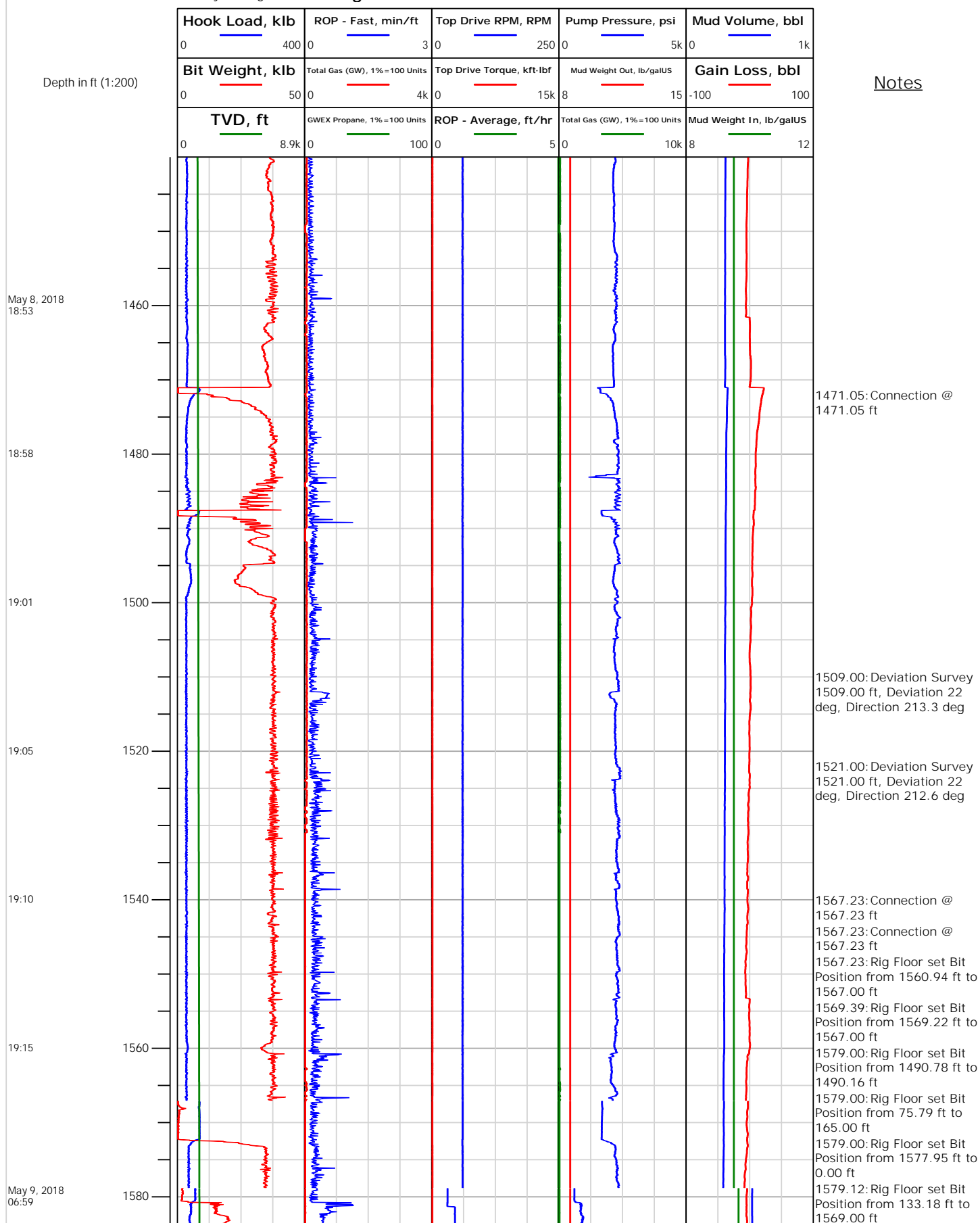
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Contractor: Helmerich & Payne Drlg Co

# Electronic Drilling Recorder

Well Name: Nichols 24-19W  
Rig: 290

Location:

## Notes





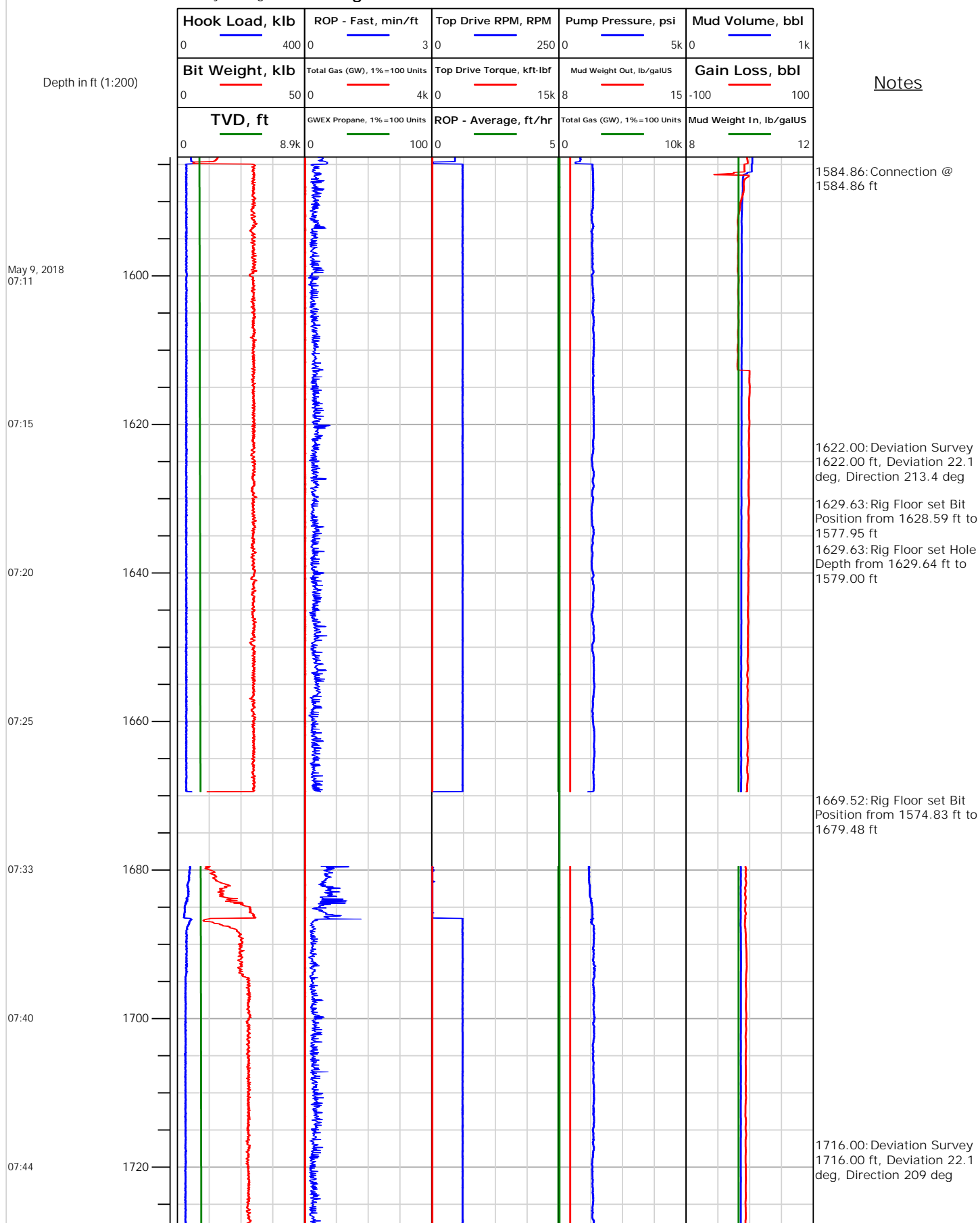
Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

# Electronic Drilling Recorder

Well Name: Nichols 24-19W  
Rig: 290

Location:

## Notes





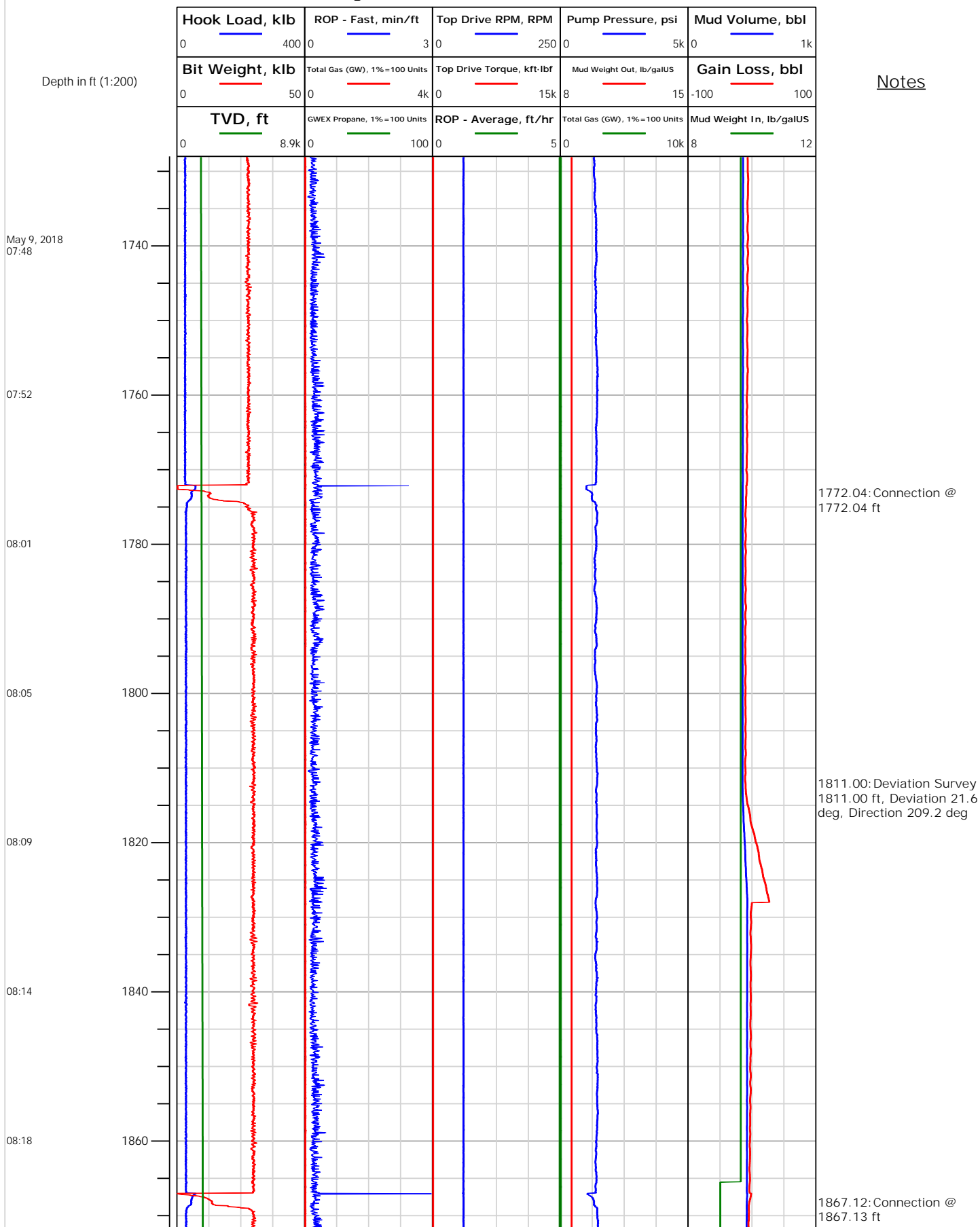
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**Operator:** Laramie Energy  
**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Nichols 24-19W  
**Rig:** 290

**Location:**

Notes





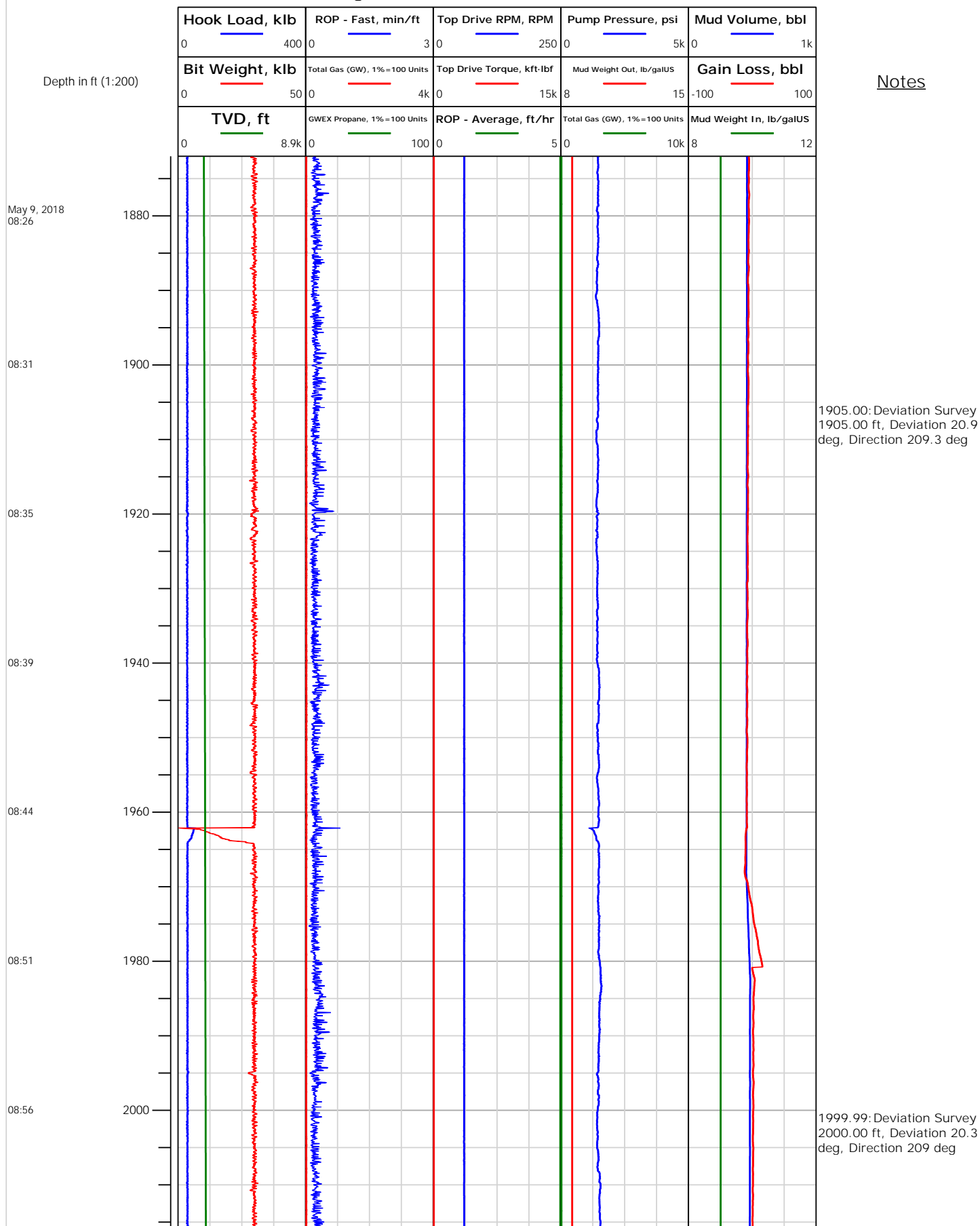
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Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-19W  
Rig: 290

Location:

Notes





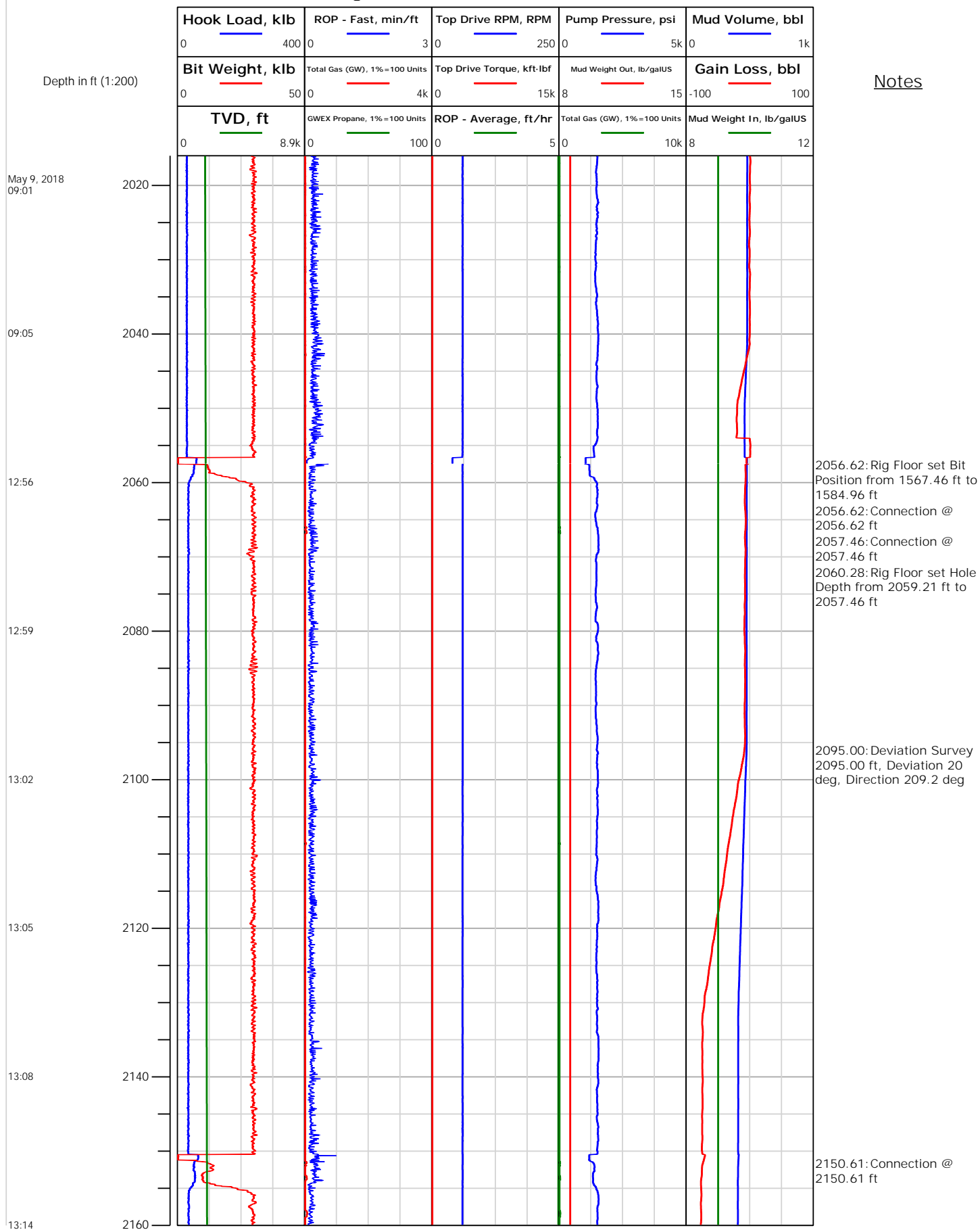
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Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-19W  
Rig: 290

Location:

Notes





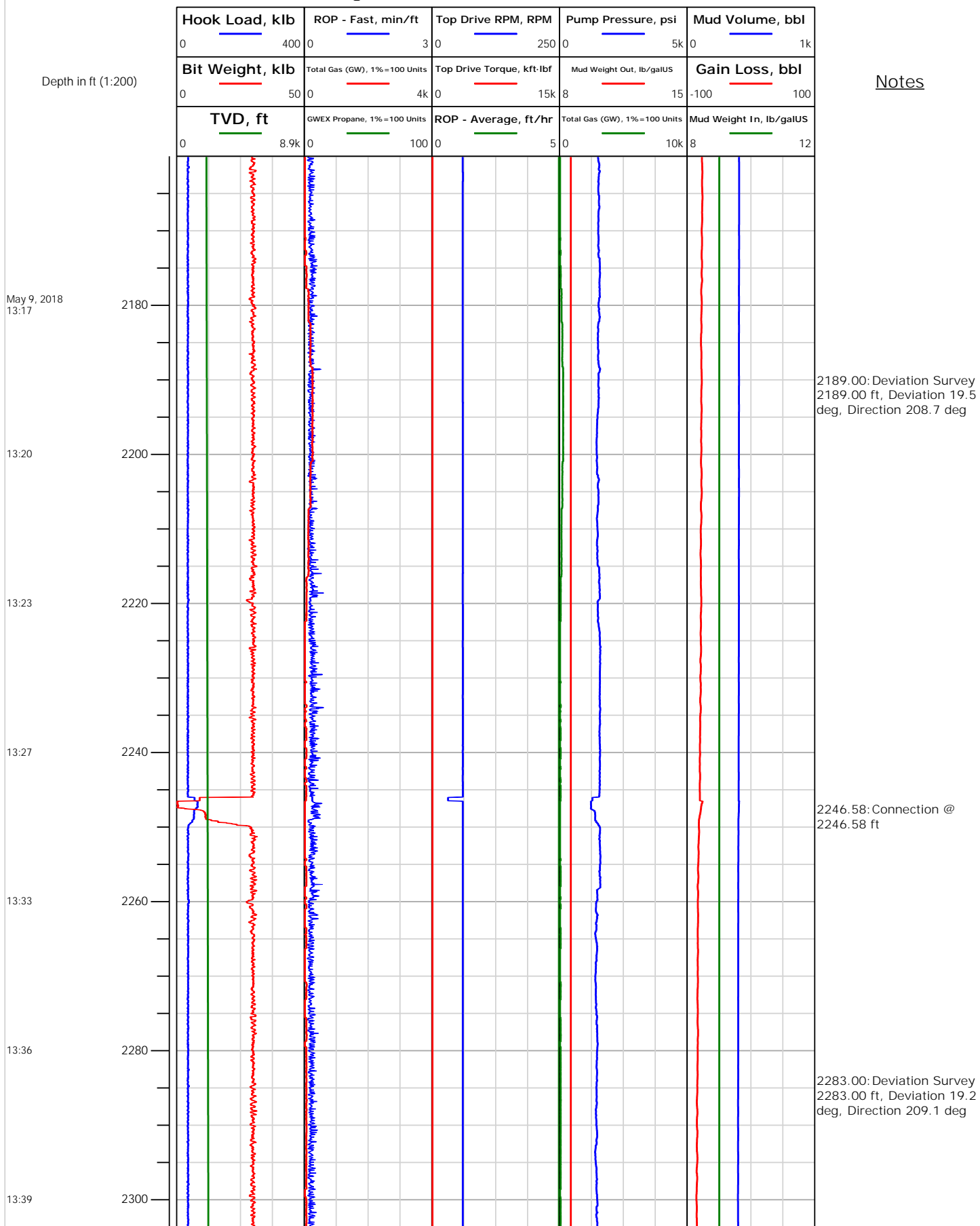
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Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-19W  
Rig: 290

Location:

Notes





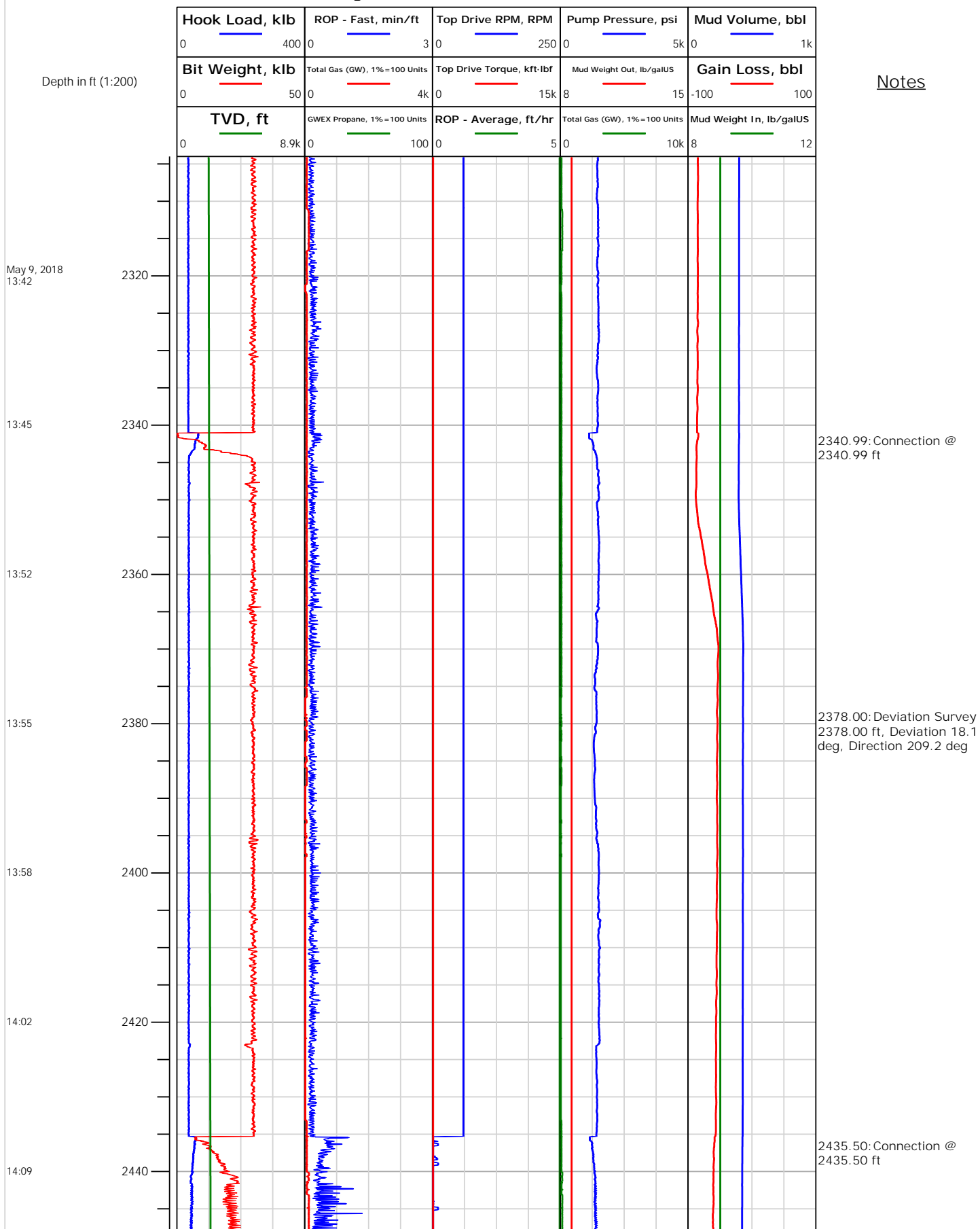
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**Operator:** Laramie Energy  
**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Nichols 24-19W  
**Rig:** 290

**Location:**

Notes





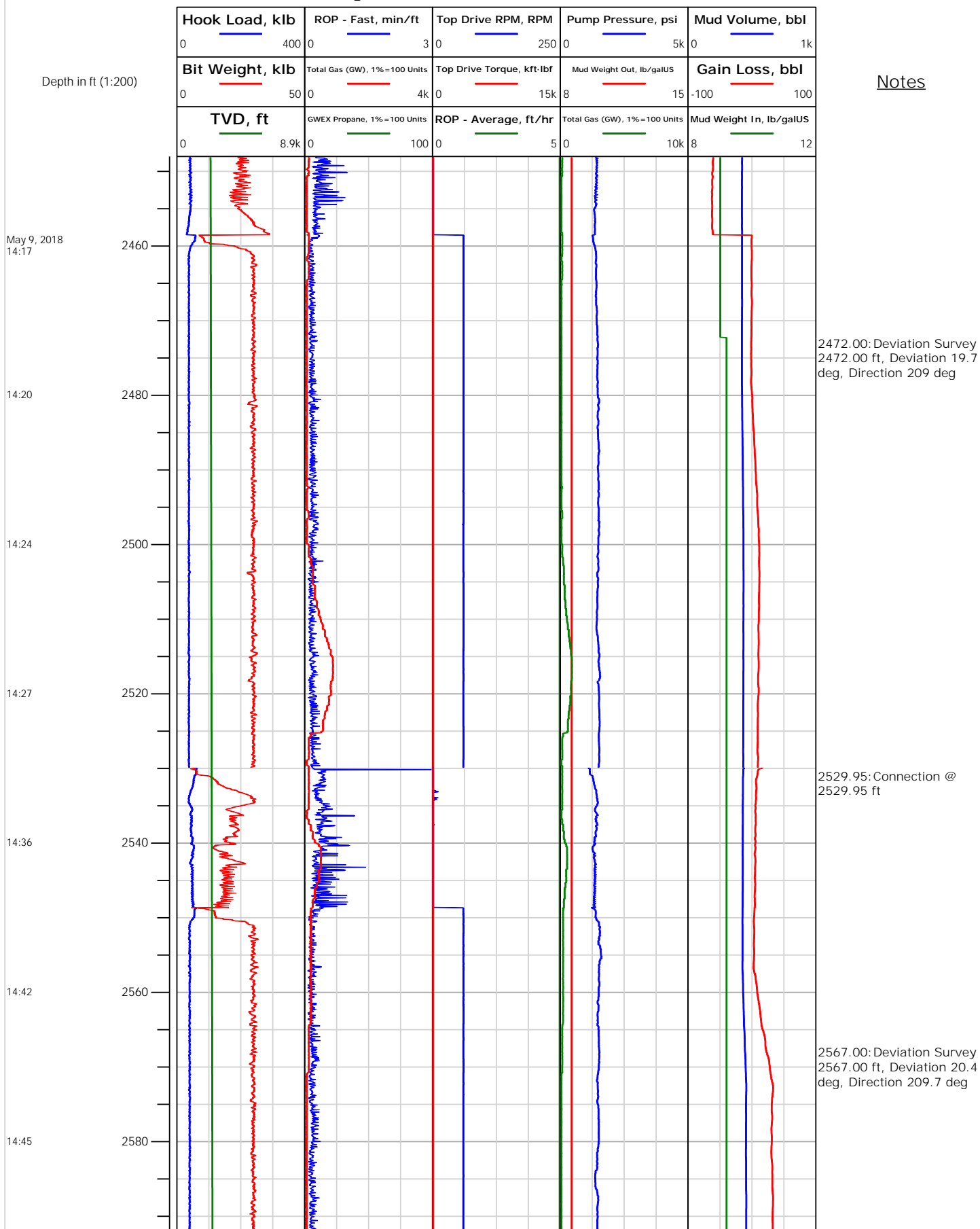
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Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-19W  
Rig: 290

Location:

Notes







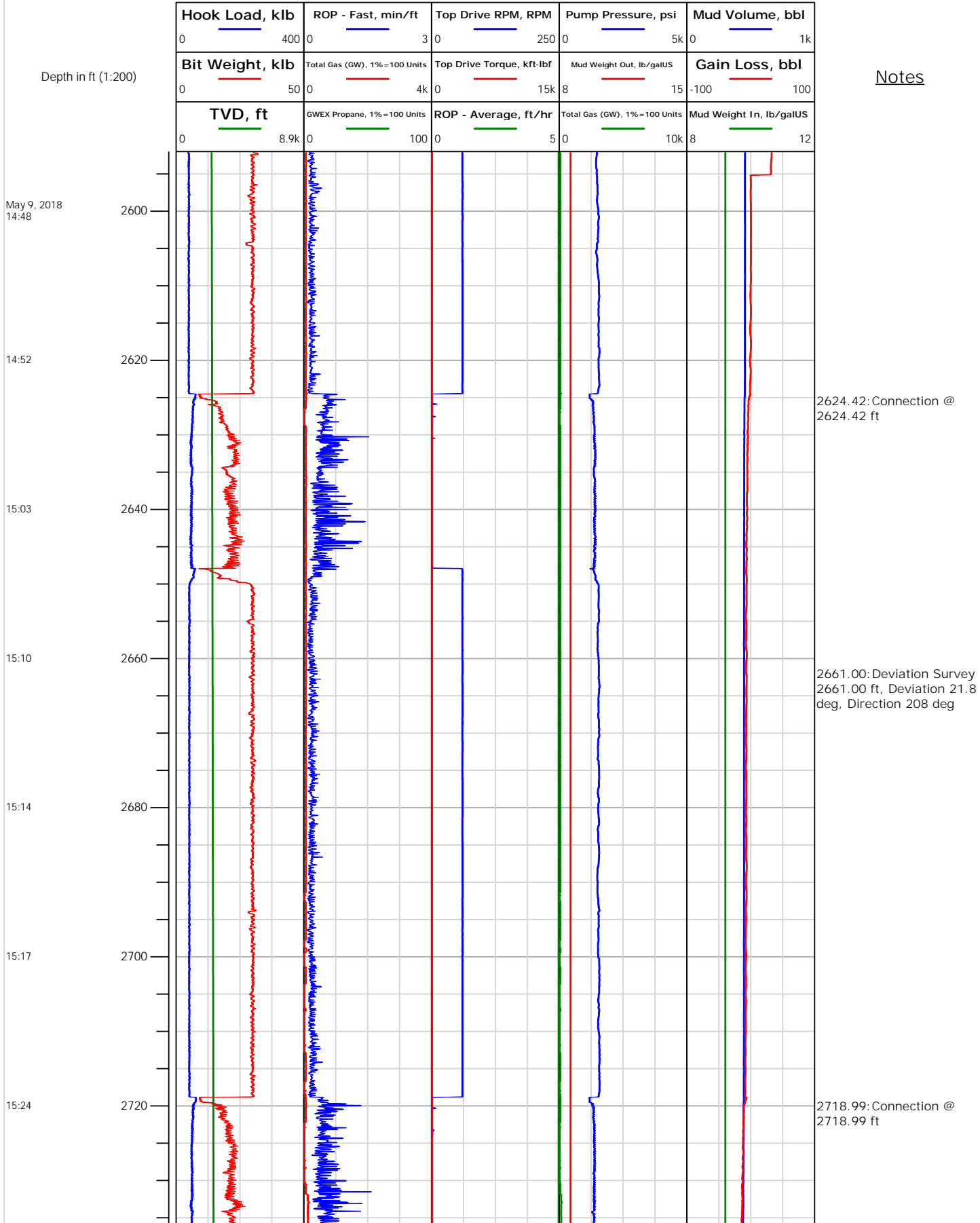
# Electronic Drilling Recorder

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

**Well Name:** Nichols 24-19W  
**Rig:** 290

**Location:**

Notes





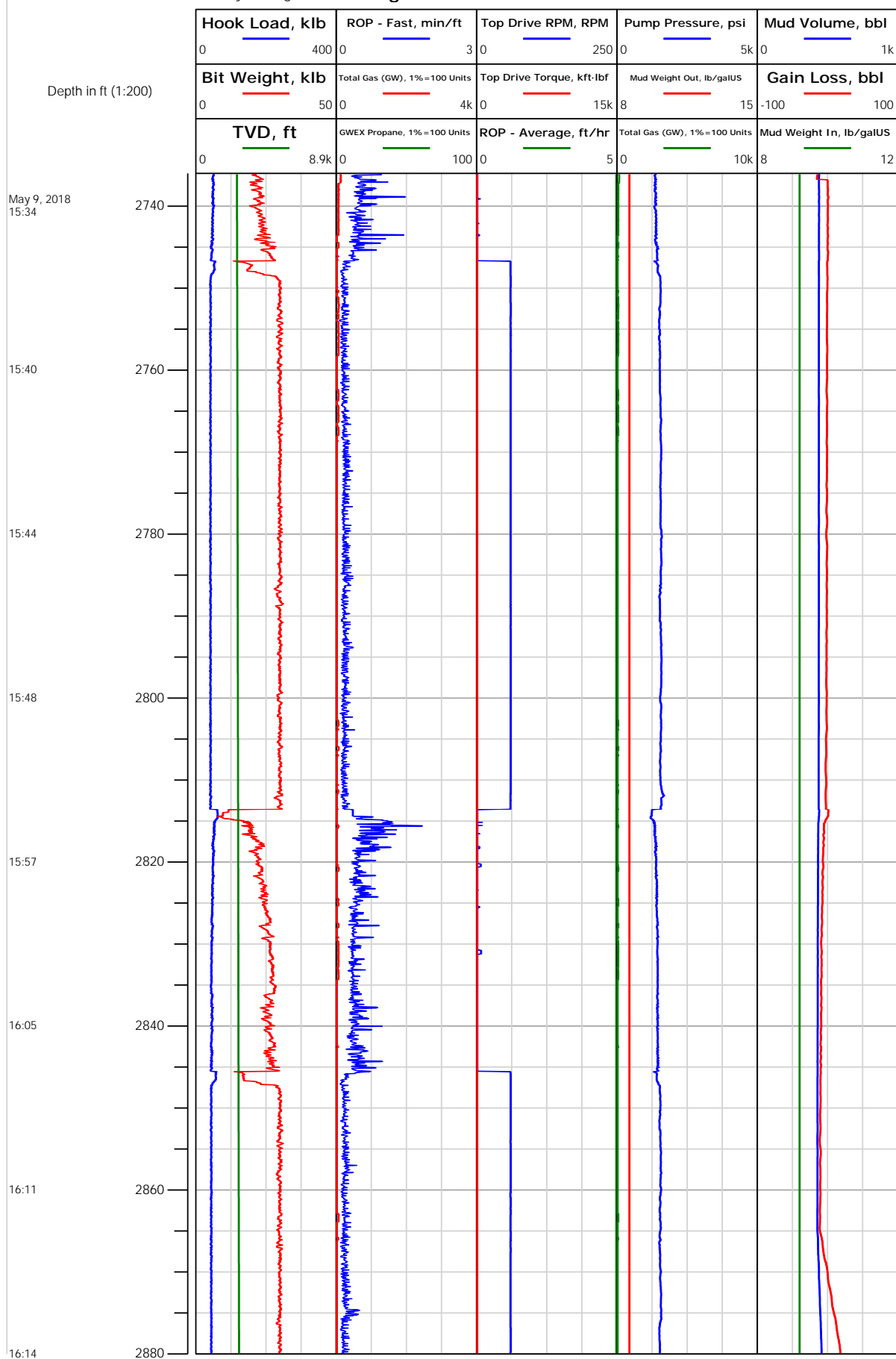
## Electronic Drilling Recorder

Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-19W  
Rig: 290

Location:

## Notes





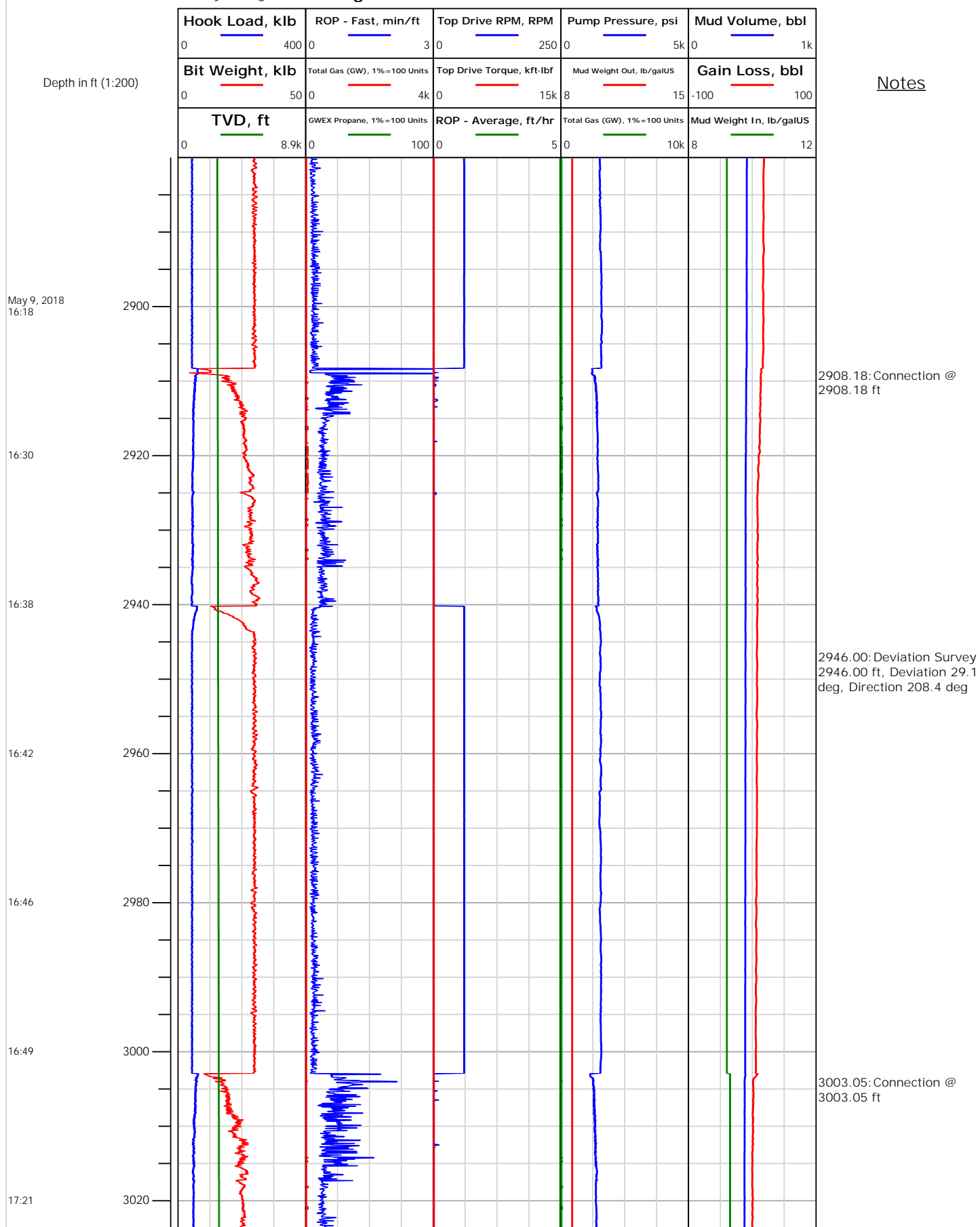
Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

# Electronic Drilling Recorder

Well Name: Nichols 24-19W  
Rig: 290

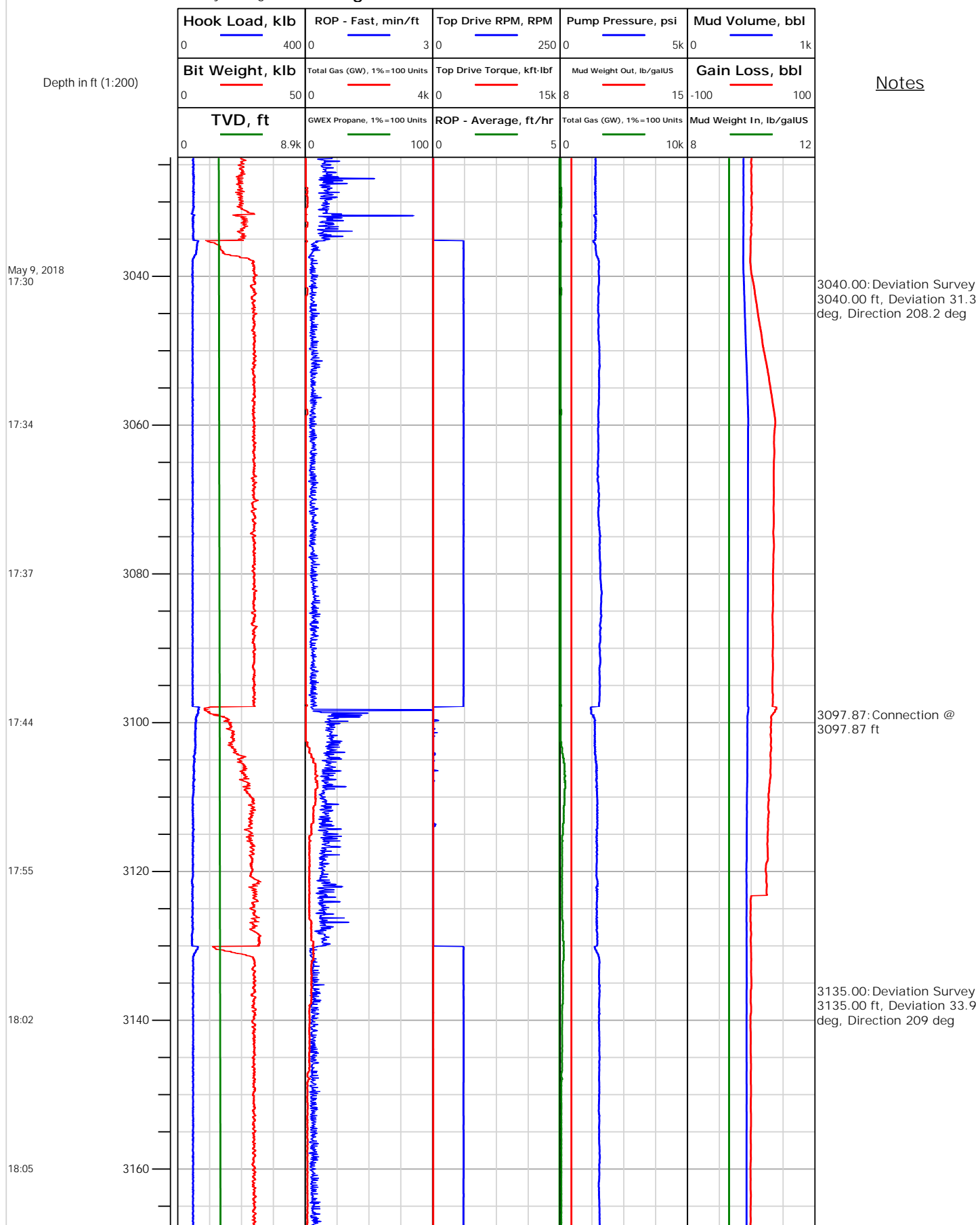
Location:

Notes



**Location:**

# Electronic Drilling Recorder





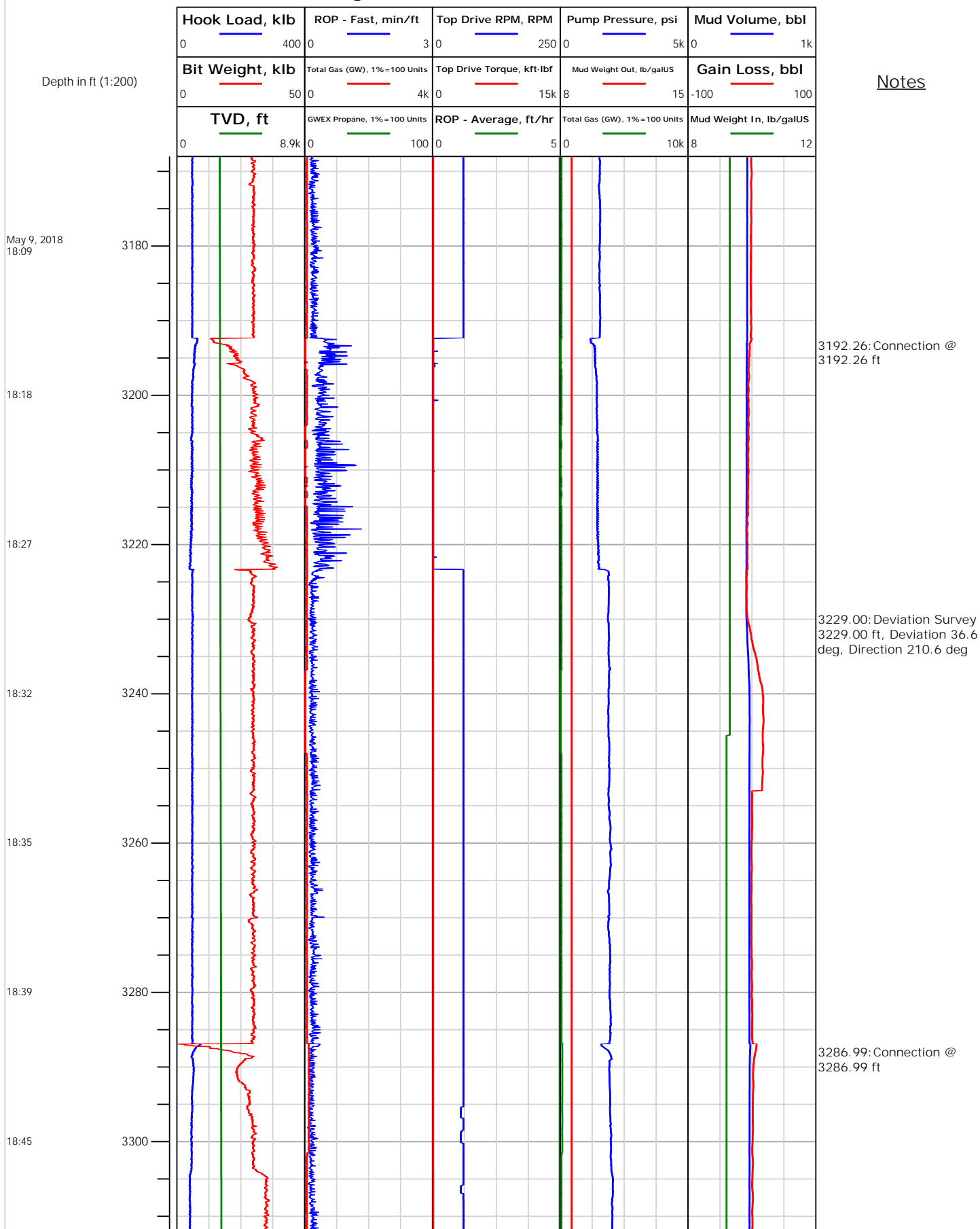
# Electronic Drilling Recorder

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Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-19W  
Rig: 290

Location:

Notes





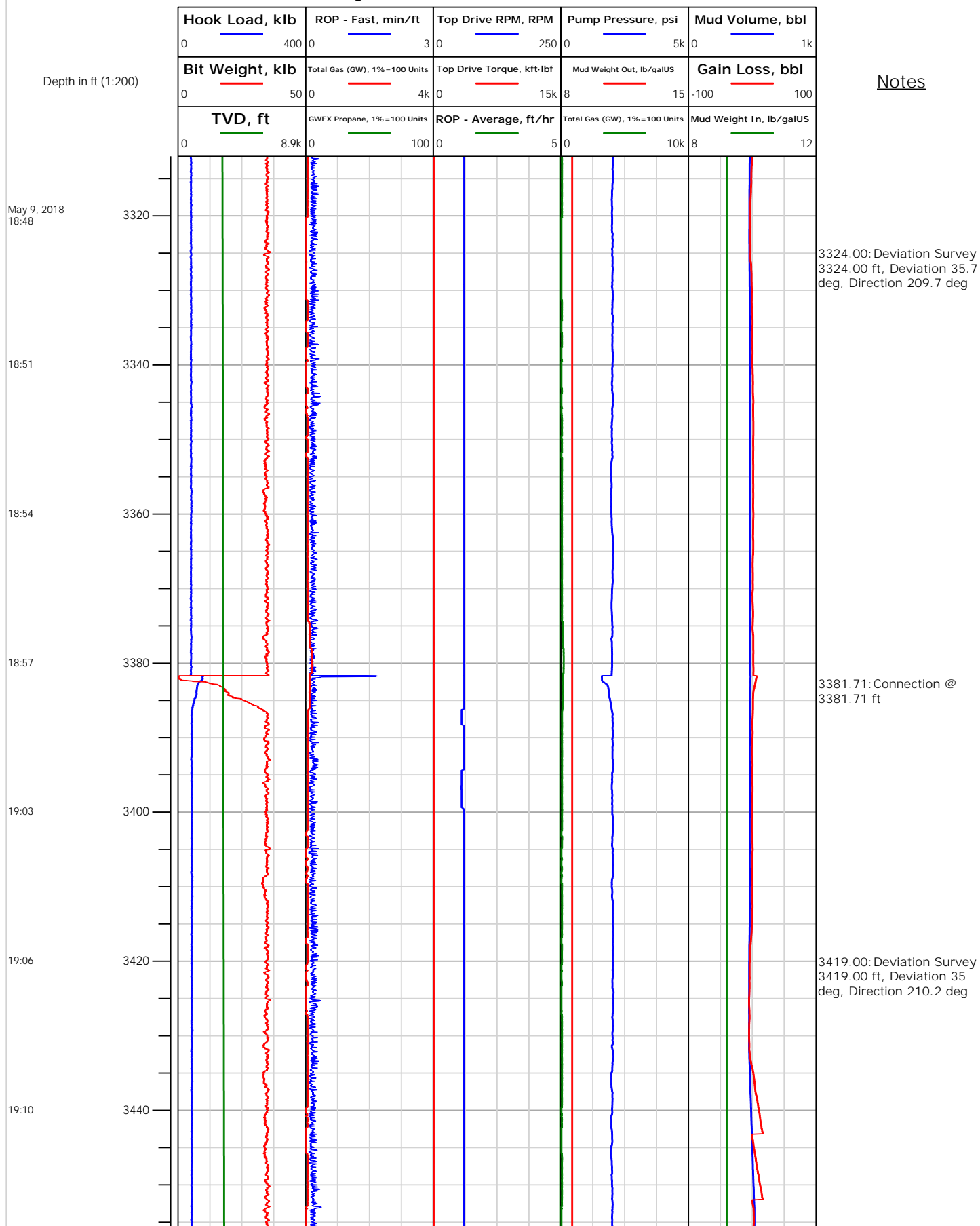
Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

# Electronic Drilling Recorder

Well Name: Nichols 24-19W  
Rig: 290

Location:

Notes





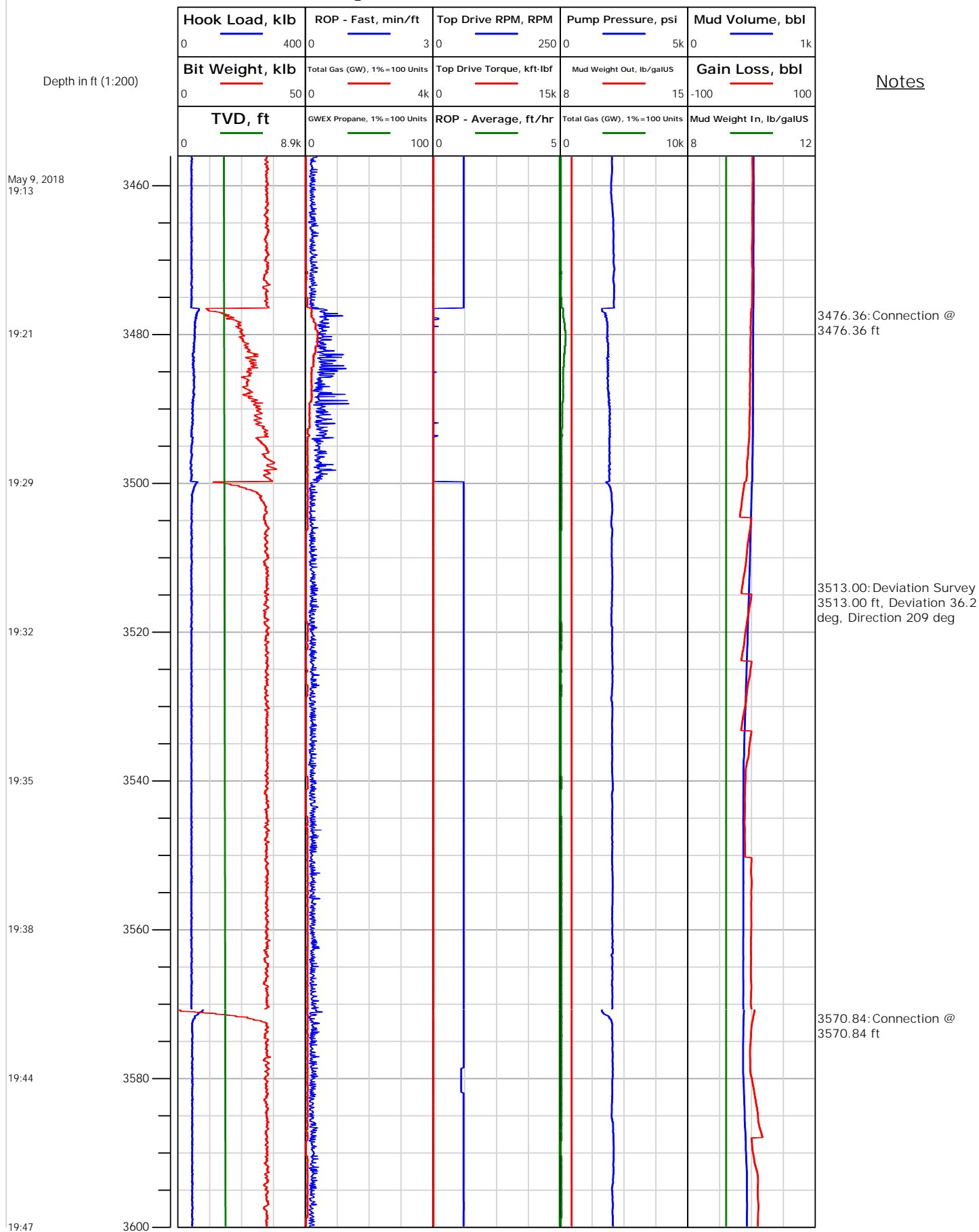
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Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-19W  
Rig: 290

Location:

Notes





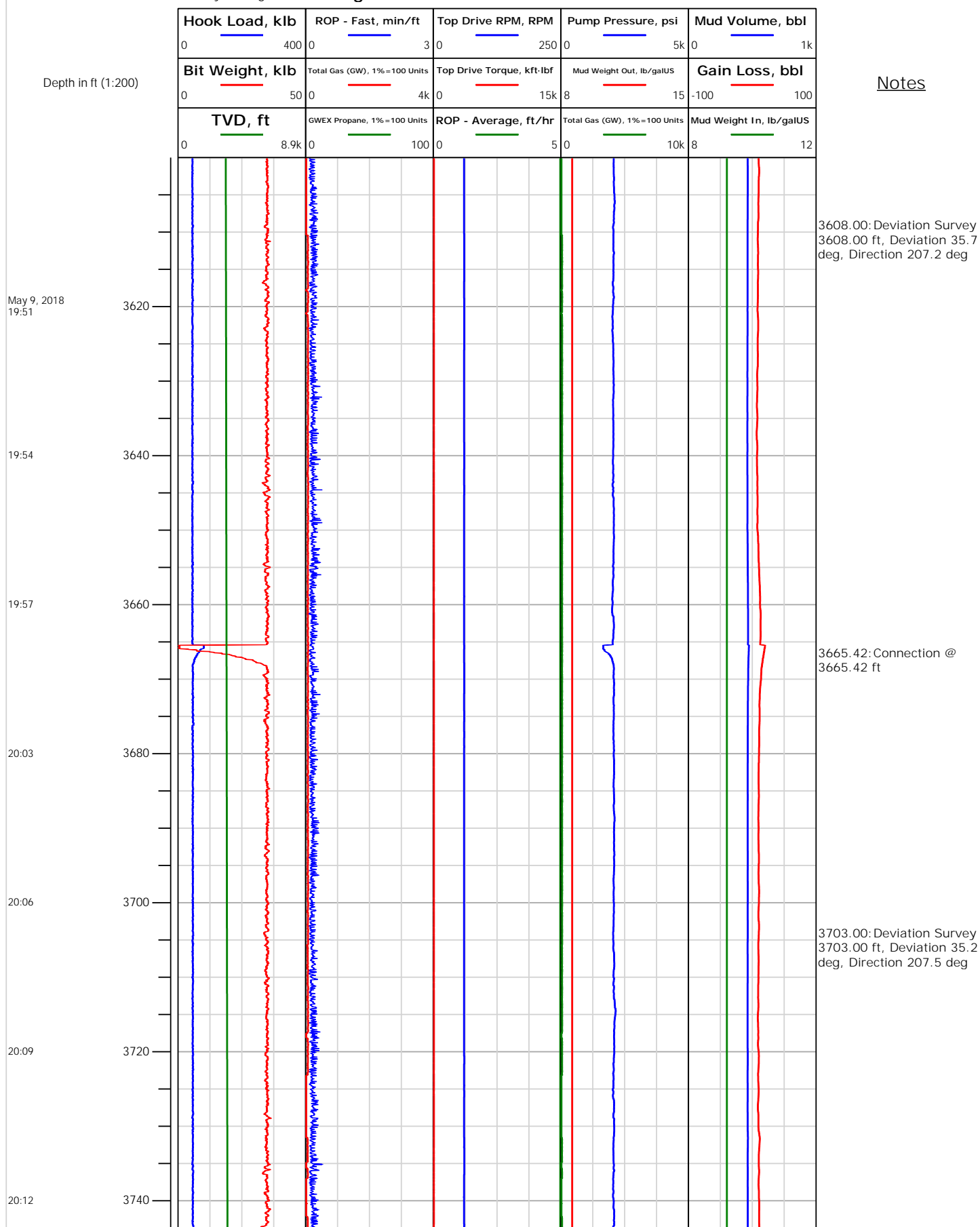
Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

# Electronic Drilling Recorder

Well Name: Nichols 24-19W  
Rig: 290

Location:

## Notes







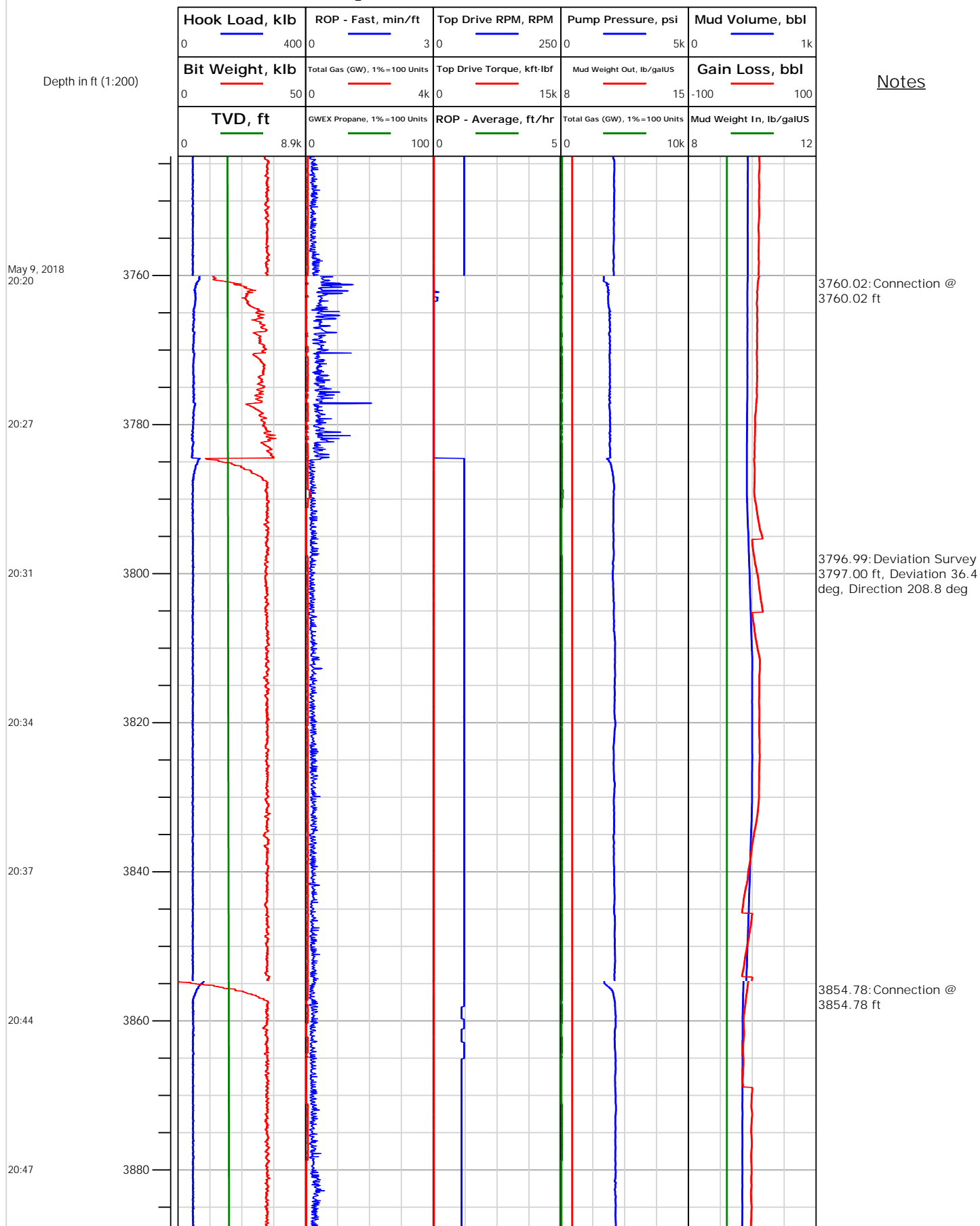
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Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-19W  
Rig: 290

Location:

Notes





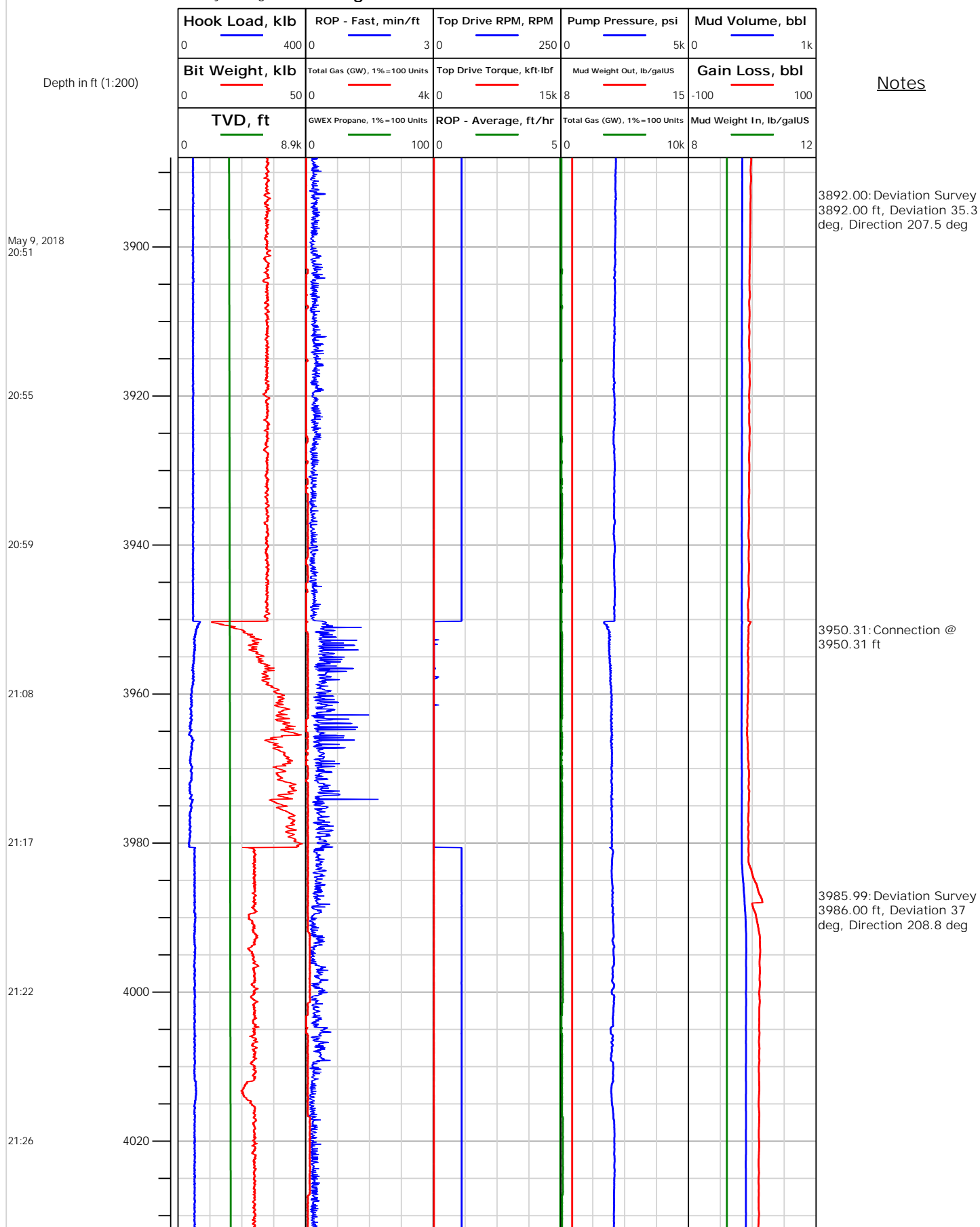
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Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-19W  
Rig: 290

Location:

Notes





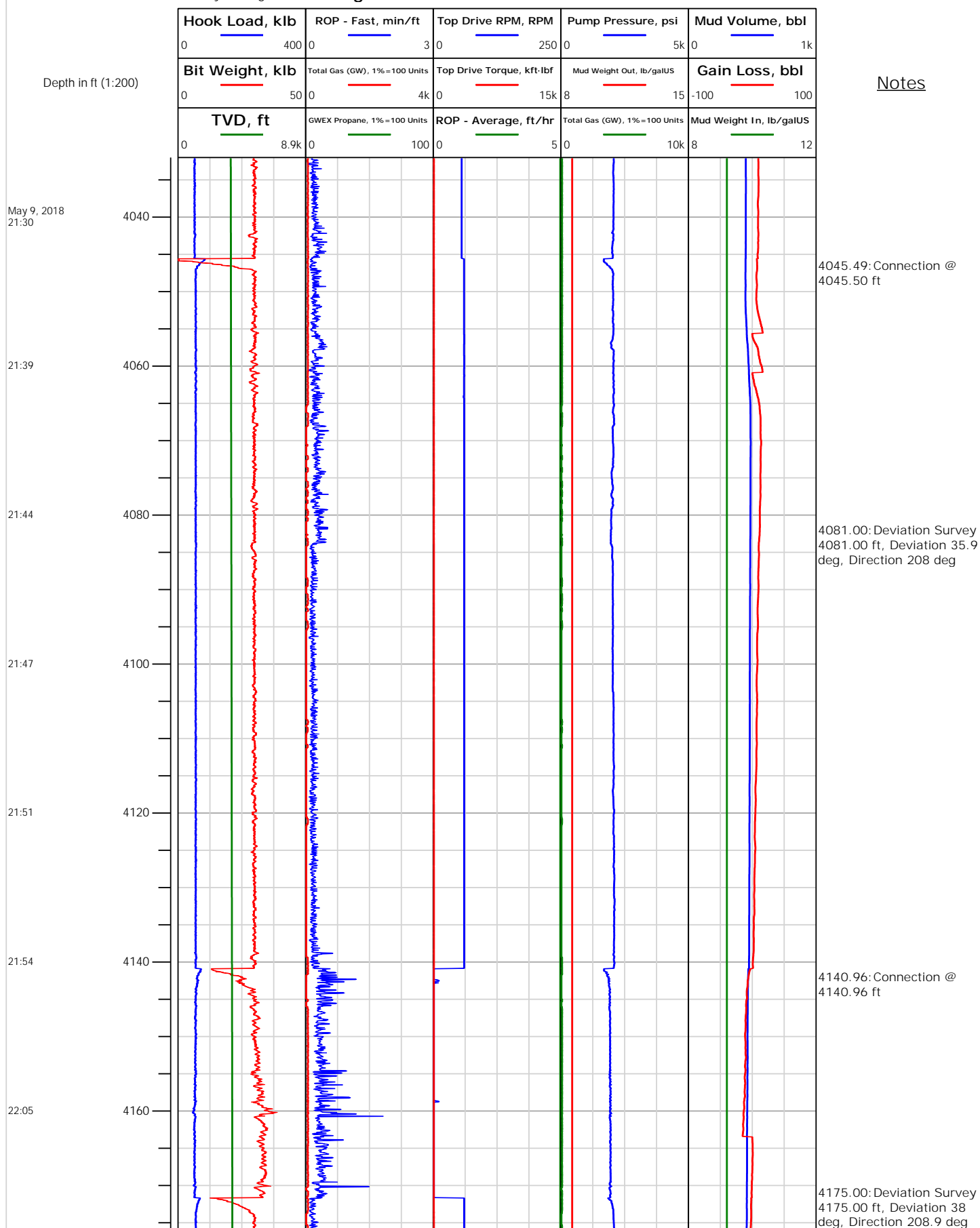
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Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-19W  
Rig: 290

Location:

Notes





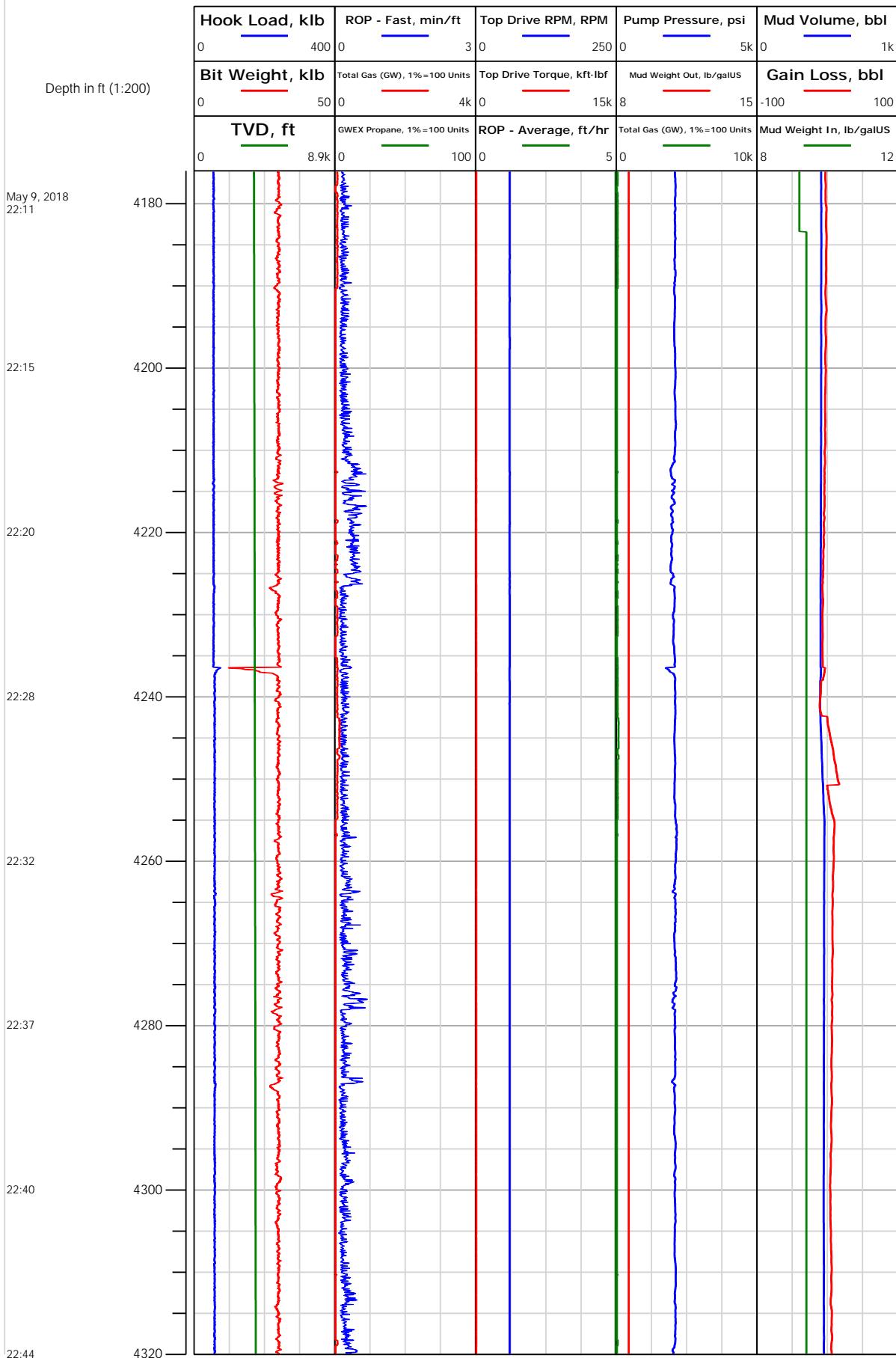
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**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Nichols 24-19W  
**Rig:** 290

**Location:**

Notes





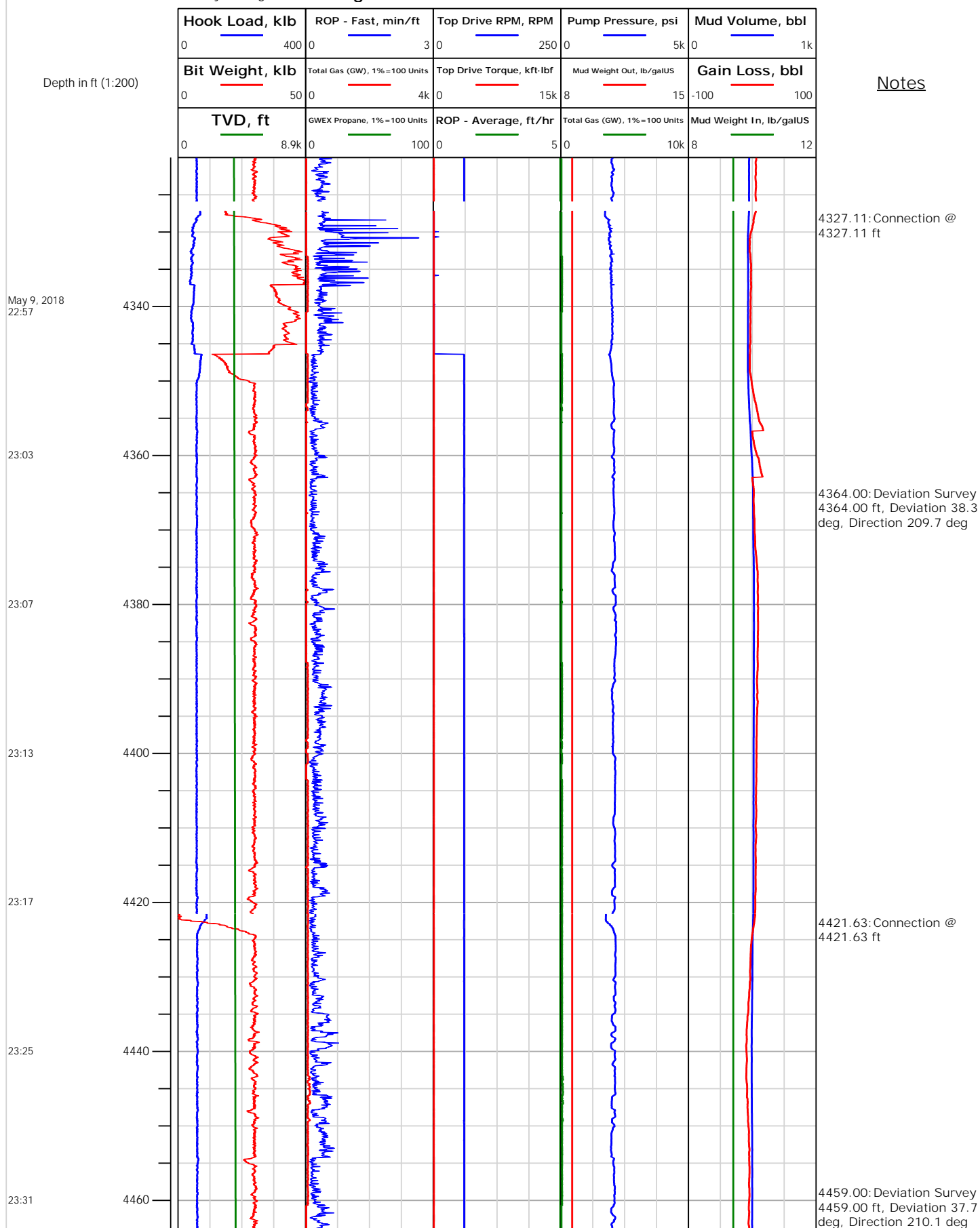
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Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-19W  
Rig: 290

Location:

## Notes





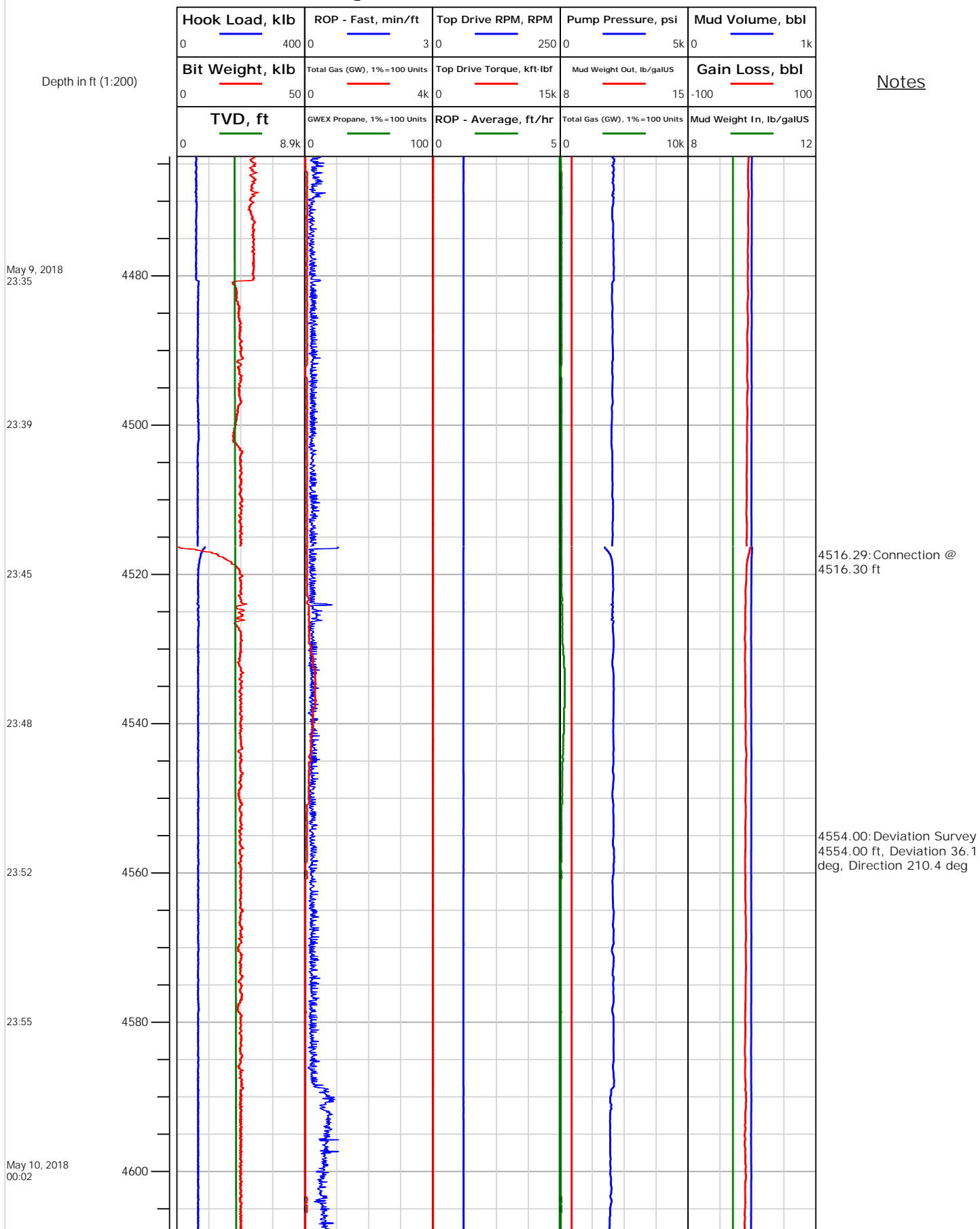
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**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Nichols 24-19W  
**Rig:** 290

**Location:**

Notes





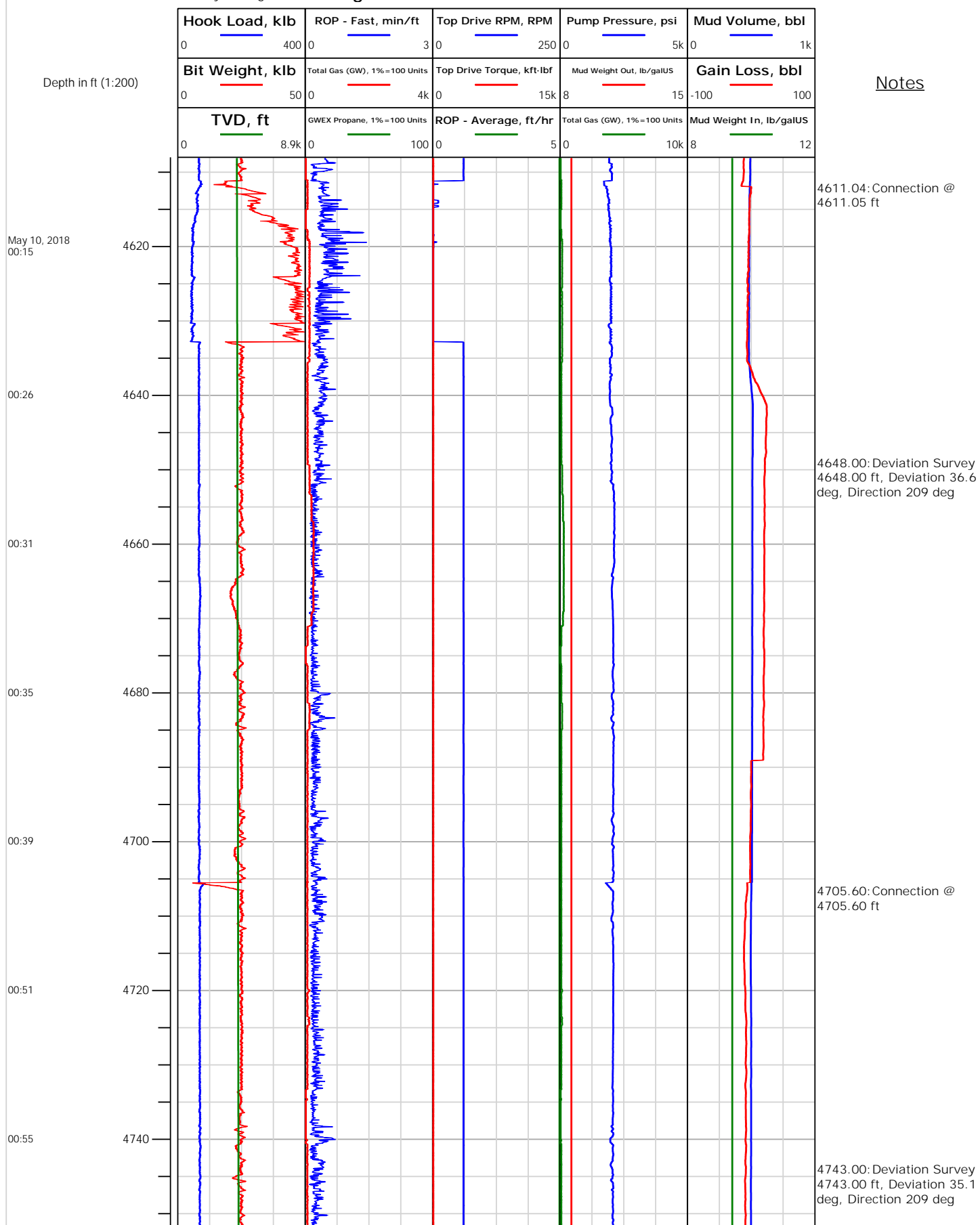
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Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-19W  
Rig: 290

Location:

Notes





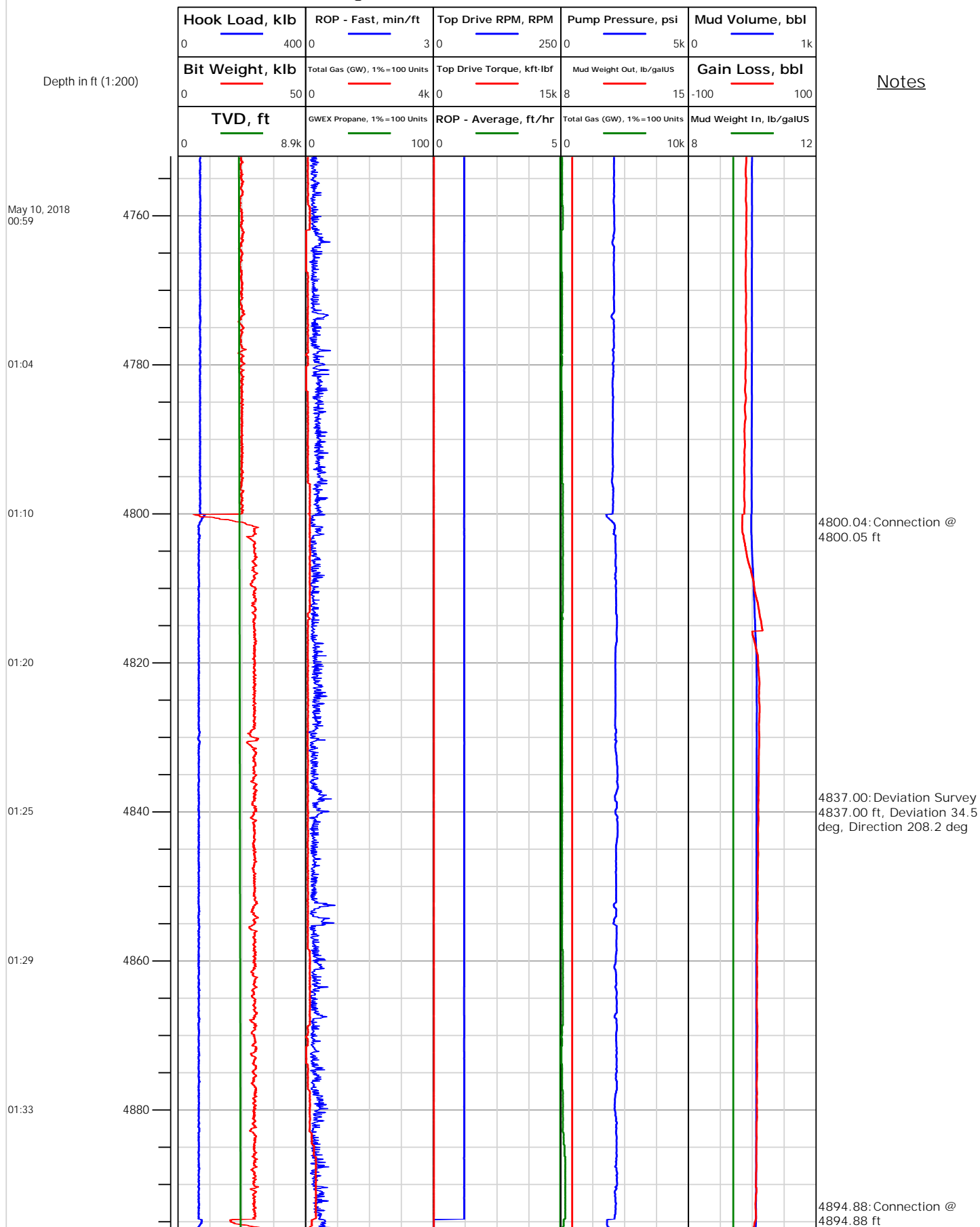
## Electronic Drilling Recorder

Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-19W  
Rig: 290

Location:

Notes







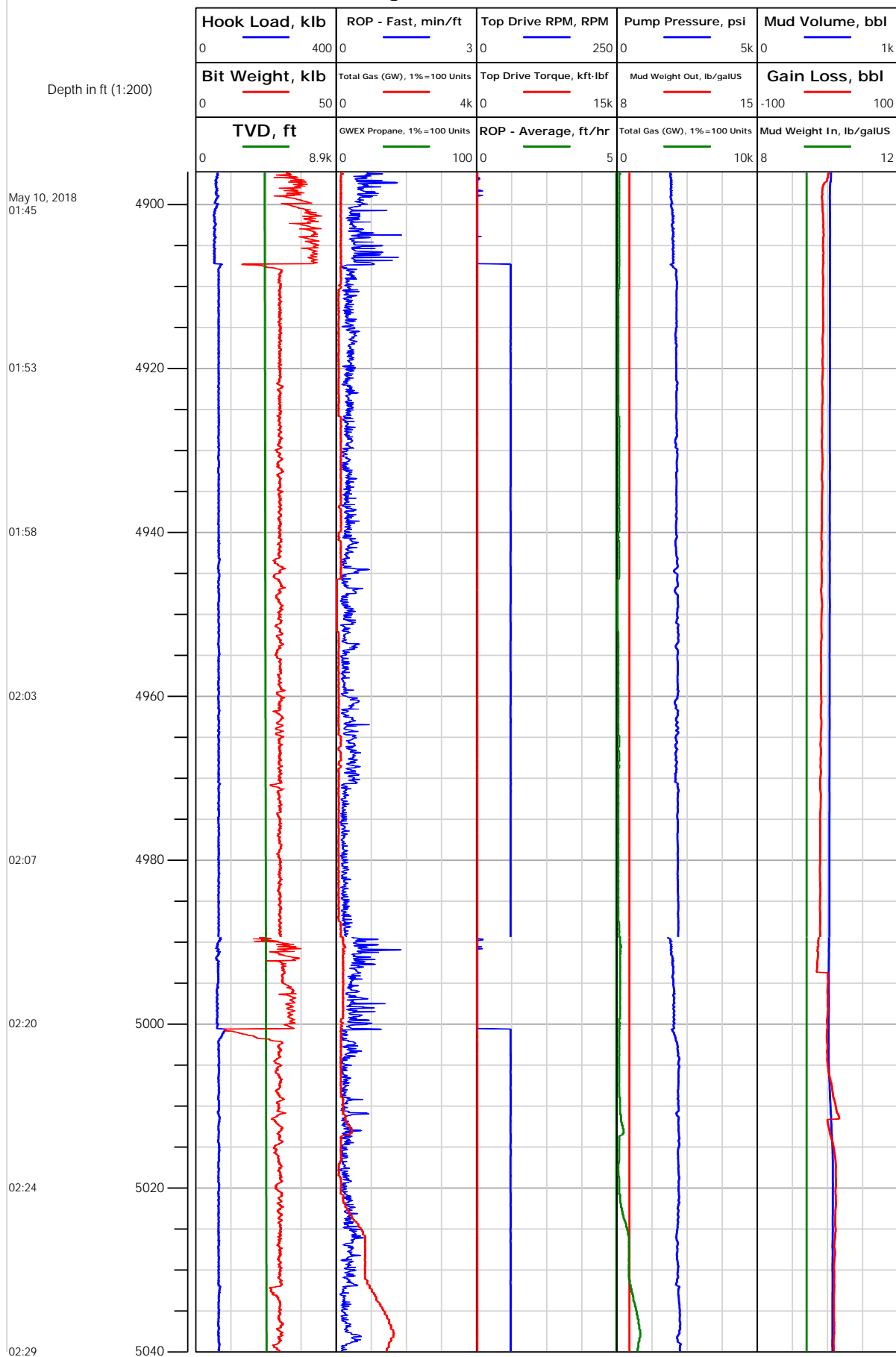
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Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-19W  
Rig: 290

Location:

Notes





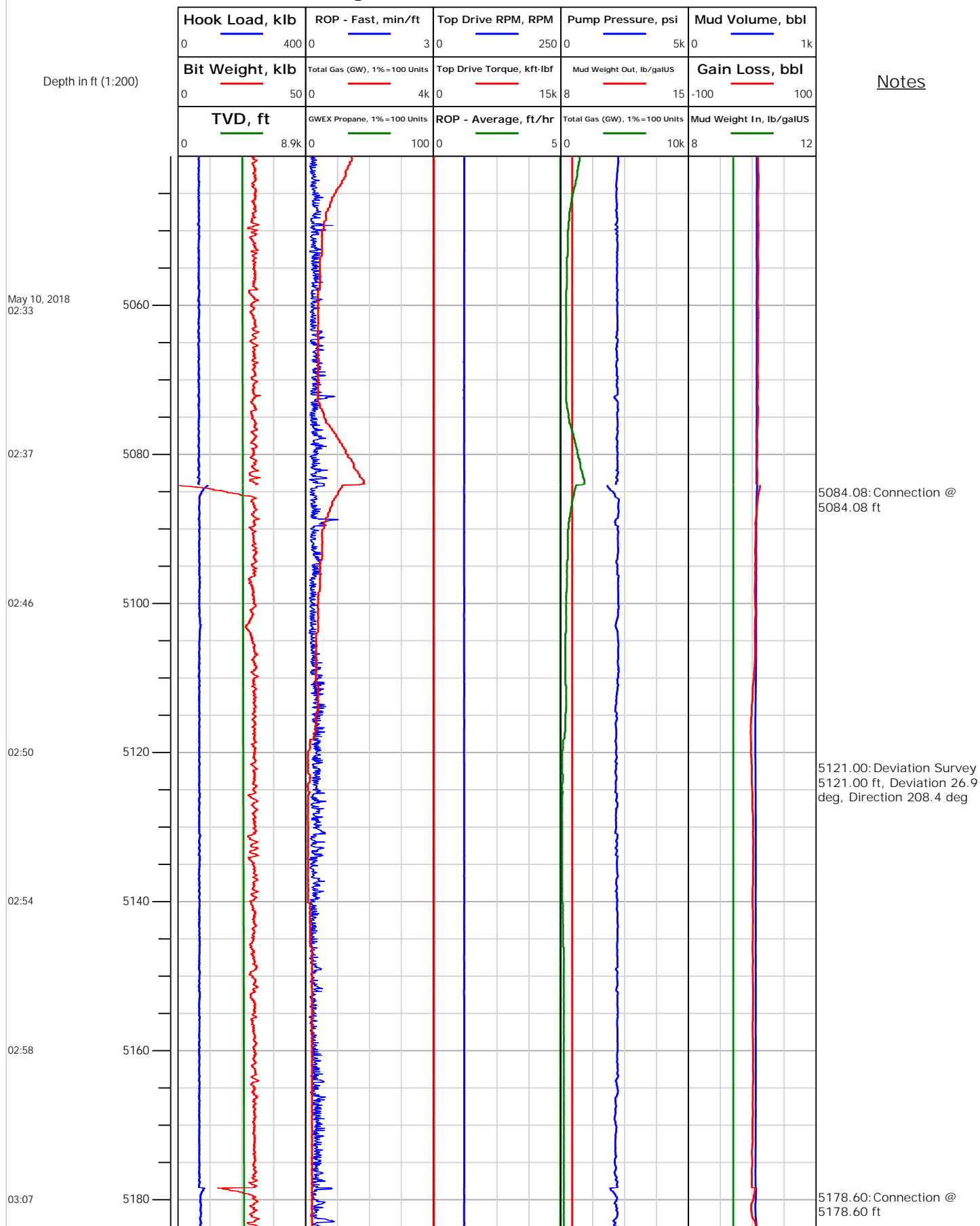
## Electronic Drilling Recorder

Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-19W  
Rig: 290

Location:

Notes





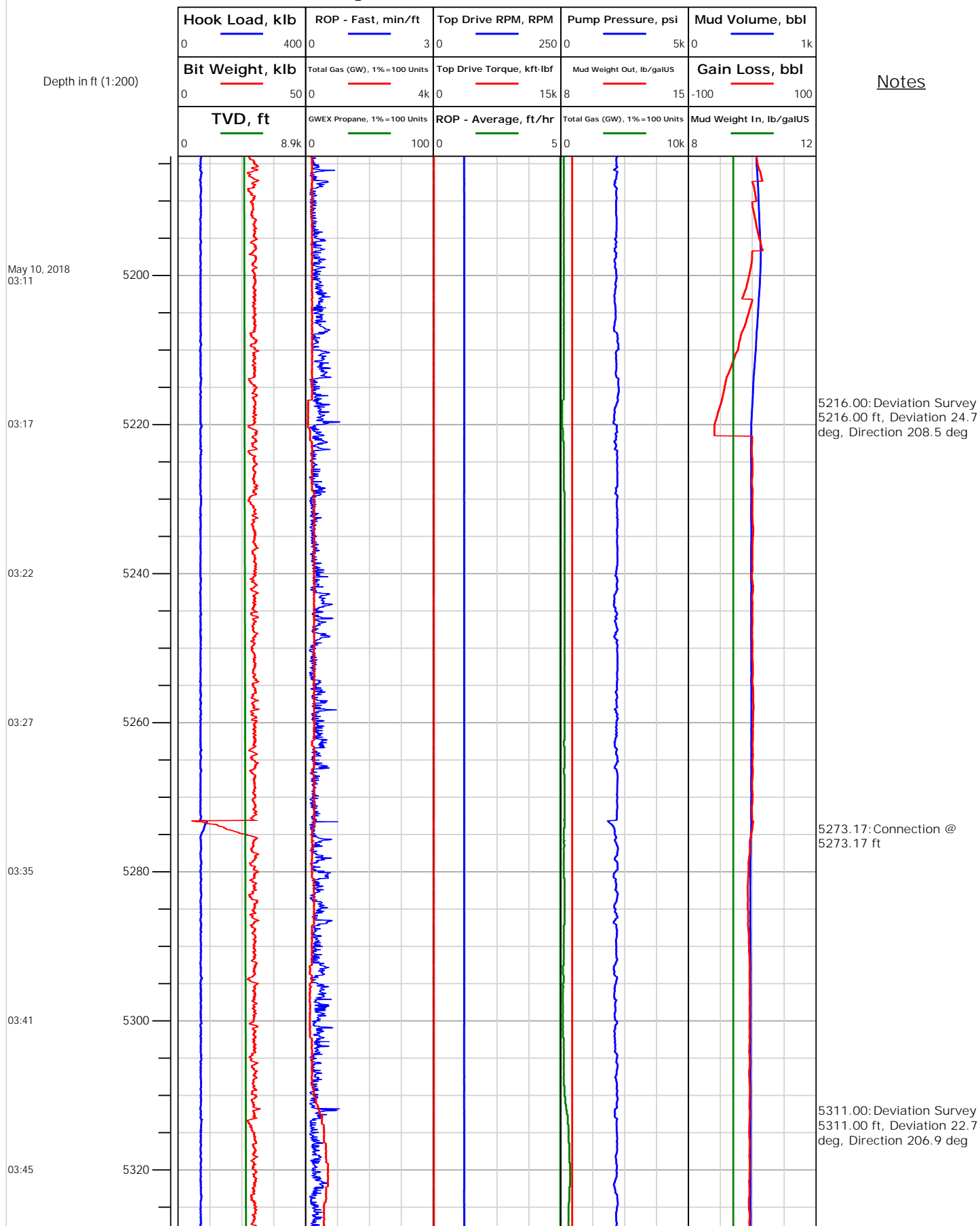
# Electronic Drilling Recorder

Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-19W  
Rig: 290

Location:

Notes





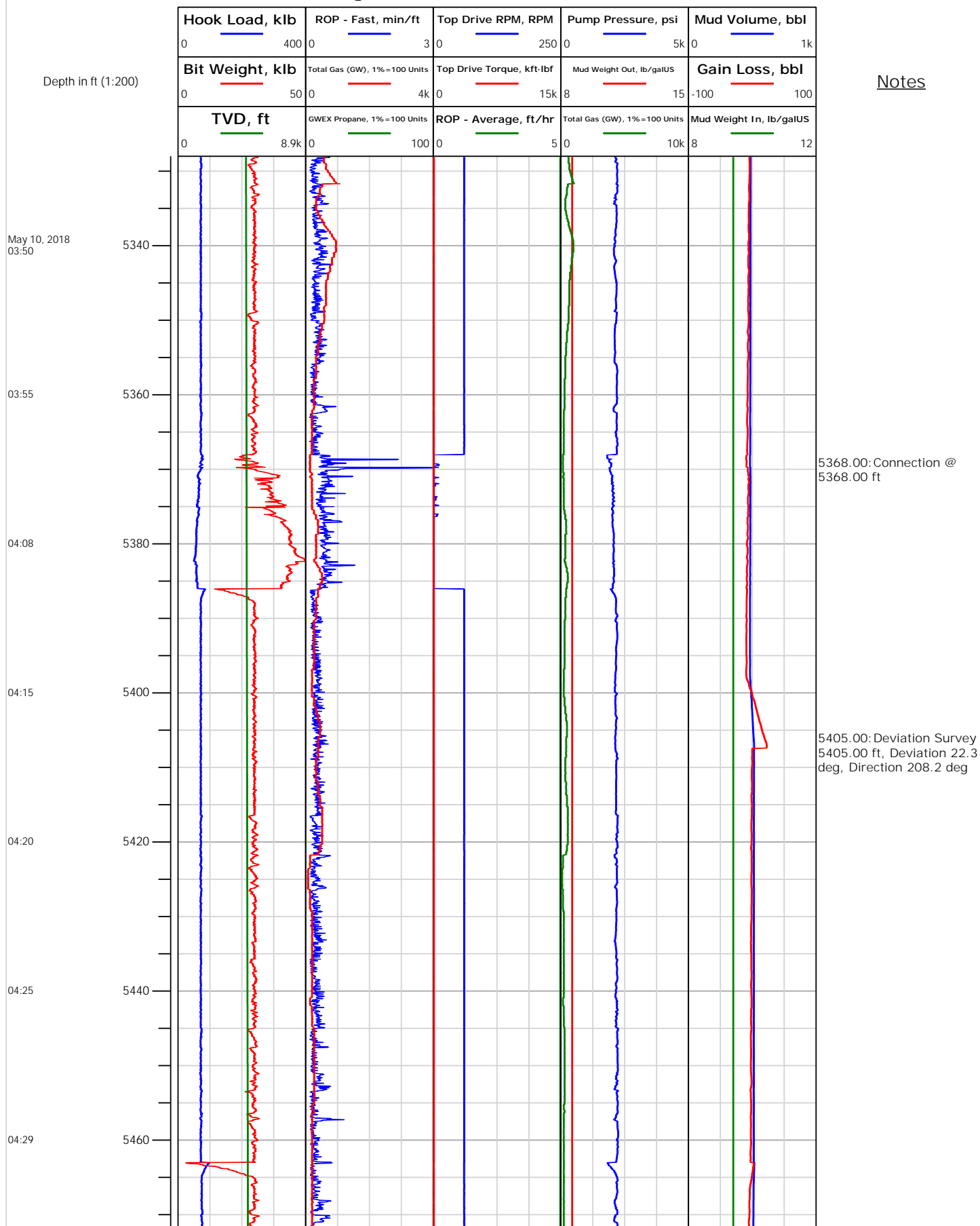
## Electronic Drilling Recorder

Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-19W  
Rig: 290

Location:

Notes





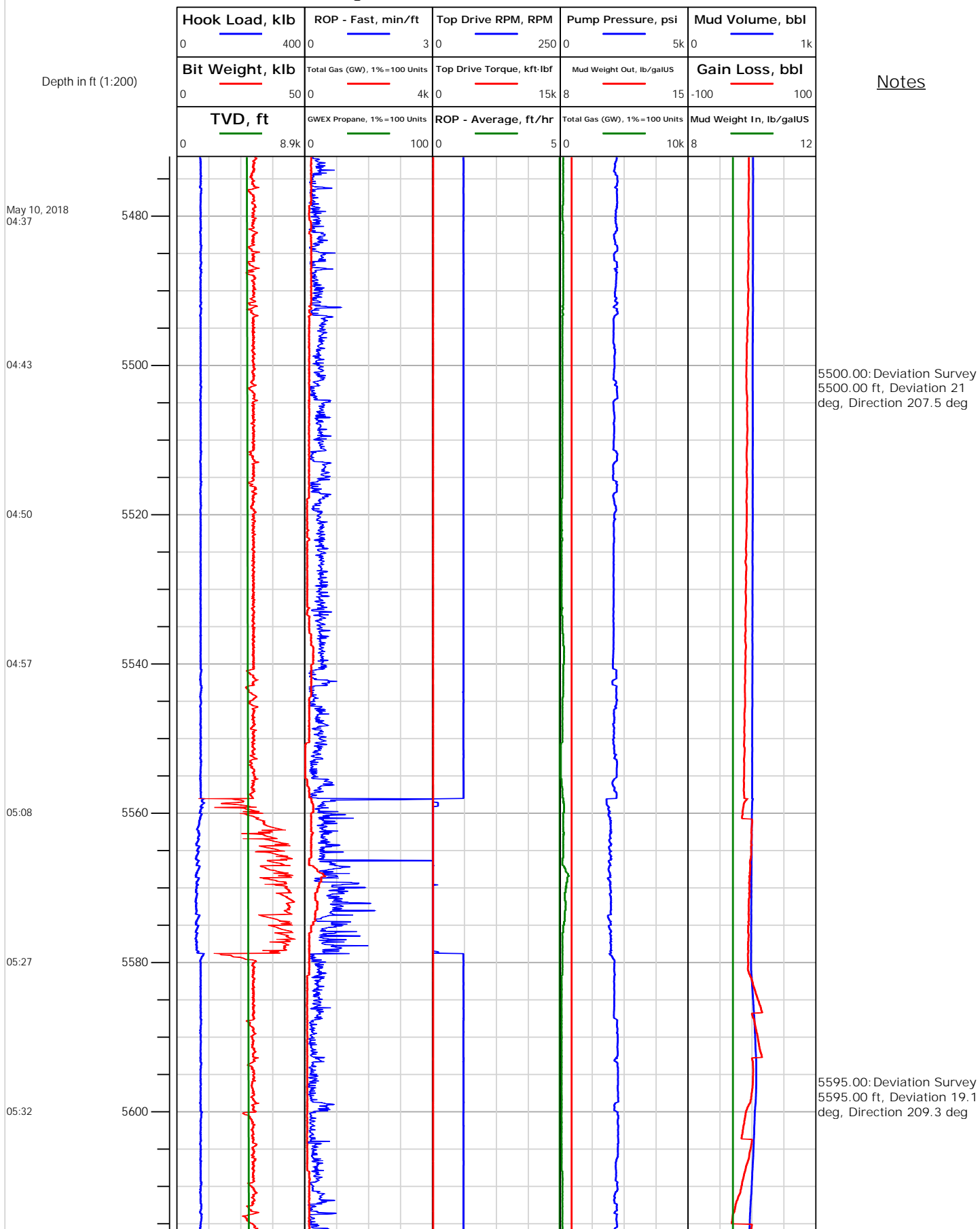
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**Operator:** Laramie Energy  
**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Nichols 24-19W  
**Rig:** 290

**Location:**

Notes





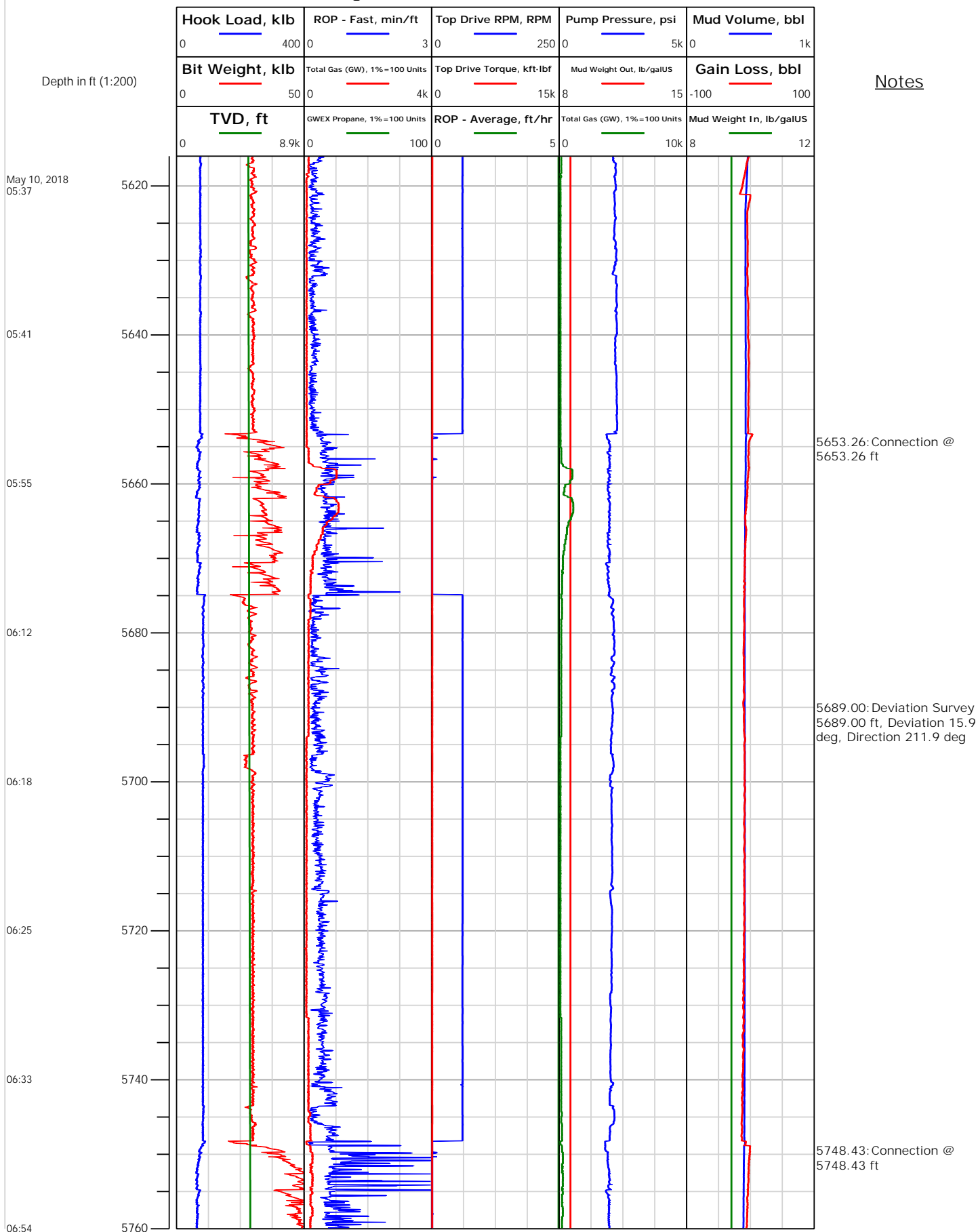
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Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-19W  
Rig: 290

Location:

Notes





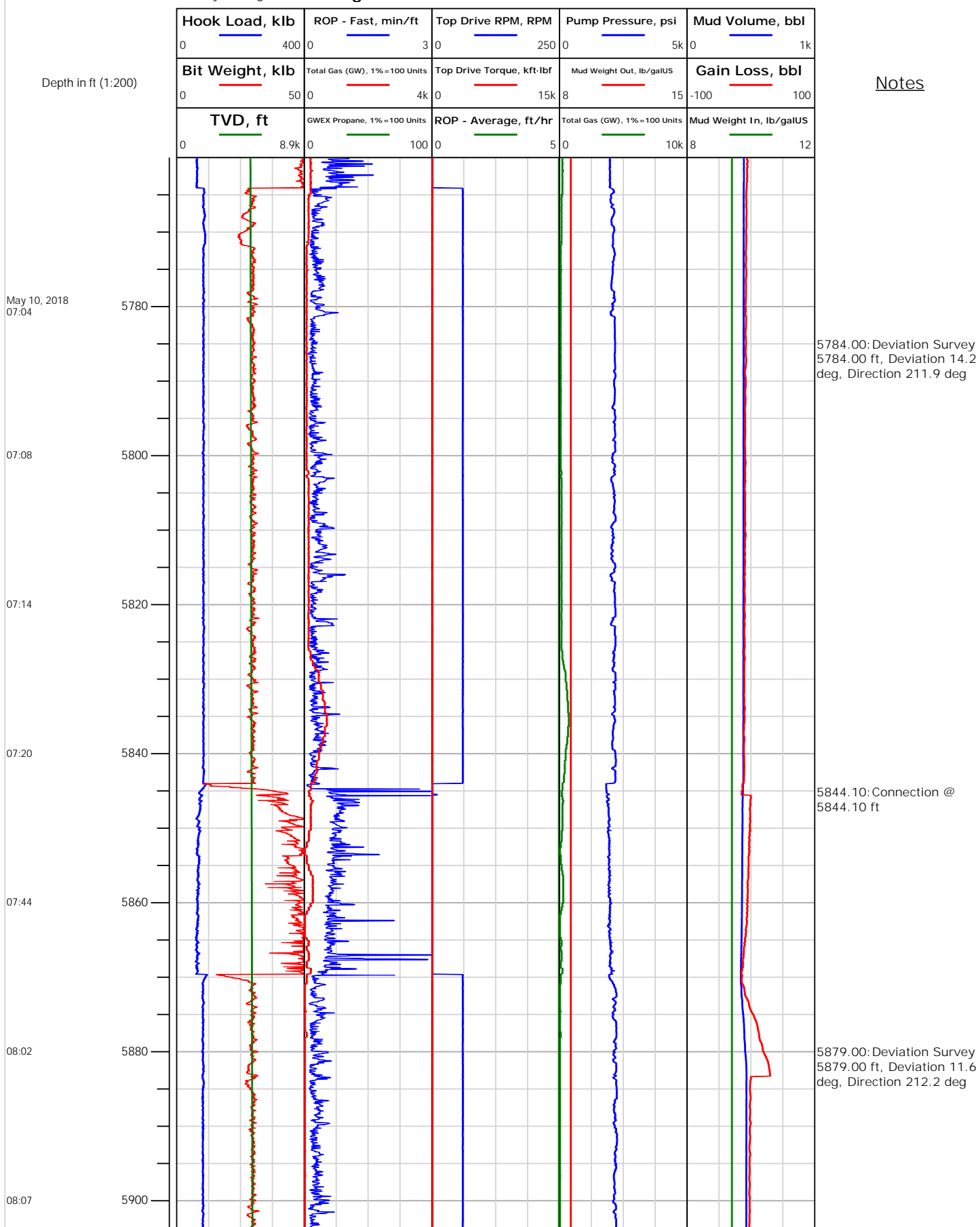
# Electronic Drilling Recorder

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**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Nichols 24-19W  
**Rig:** 290

**Location:**

Notes





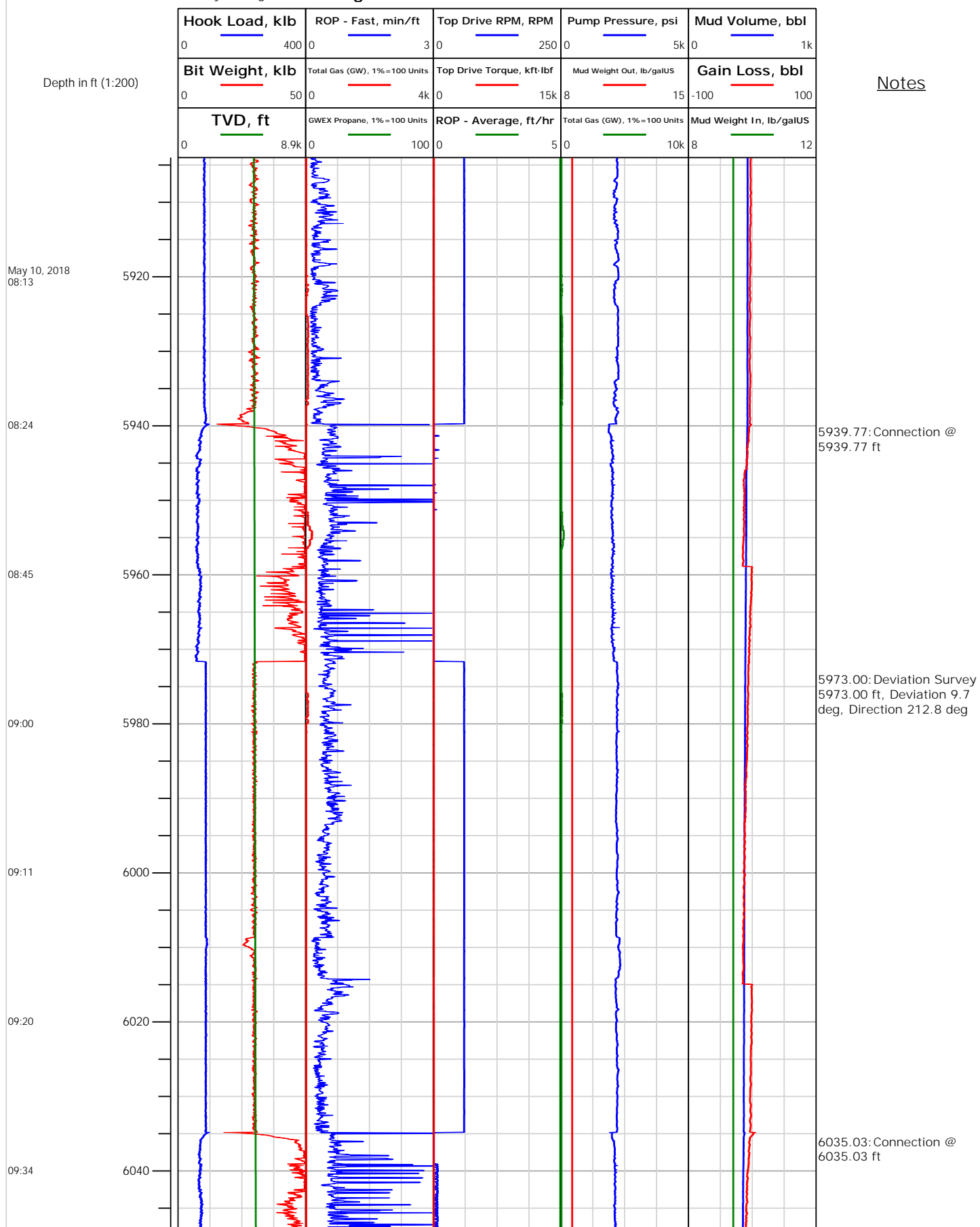
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Contractor: Helmerich & Payne Drlg Co

# Electronic Drilling Recorder

Well Name: Nichols 24-19W  
Rig: 290

Location:

Notes







# Electronic Drilling Recorder

Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-19W  
Rig: 290

Location:

## Notes

Depth in ft (1:200)

May 10, 2018  
09:56

10:10

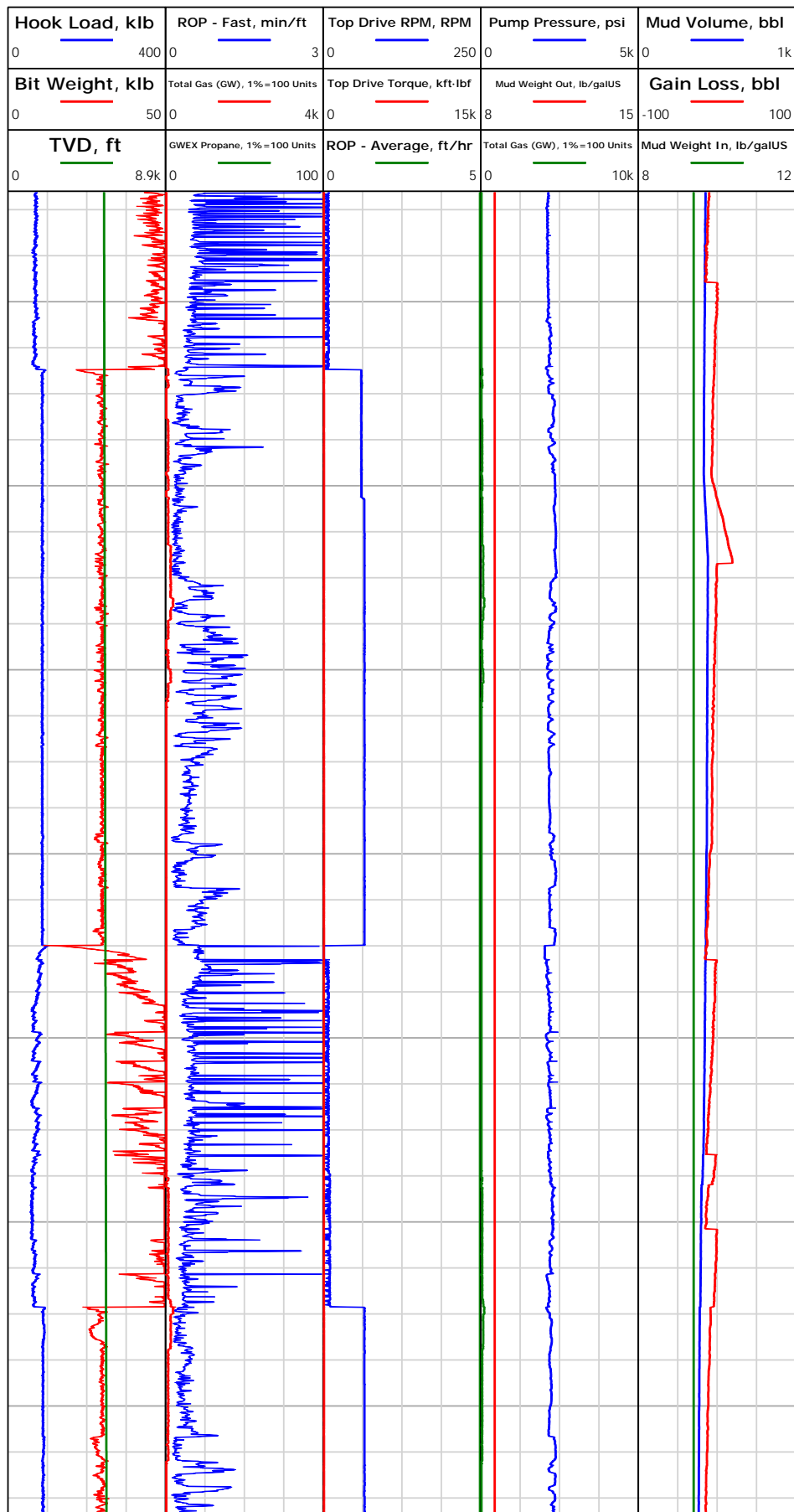
10:19

10:30

10:51

11:17

11:27





# Electronic Drilling Recorder

Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-19W  
Rig: 290

Location:

Notes

Depth in ft (1:200)

May 10, 2018  
11:36

11:44

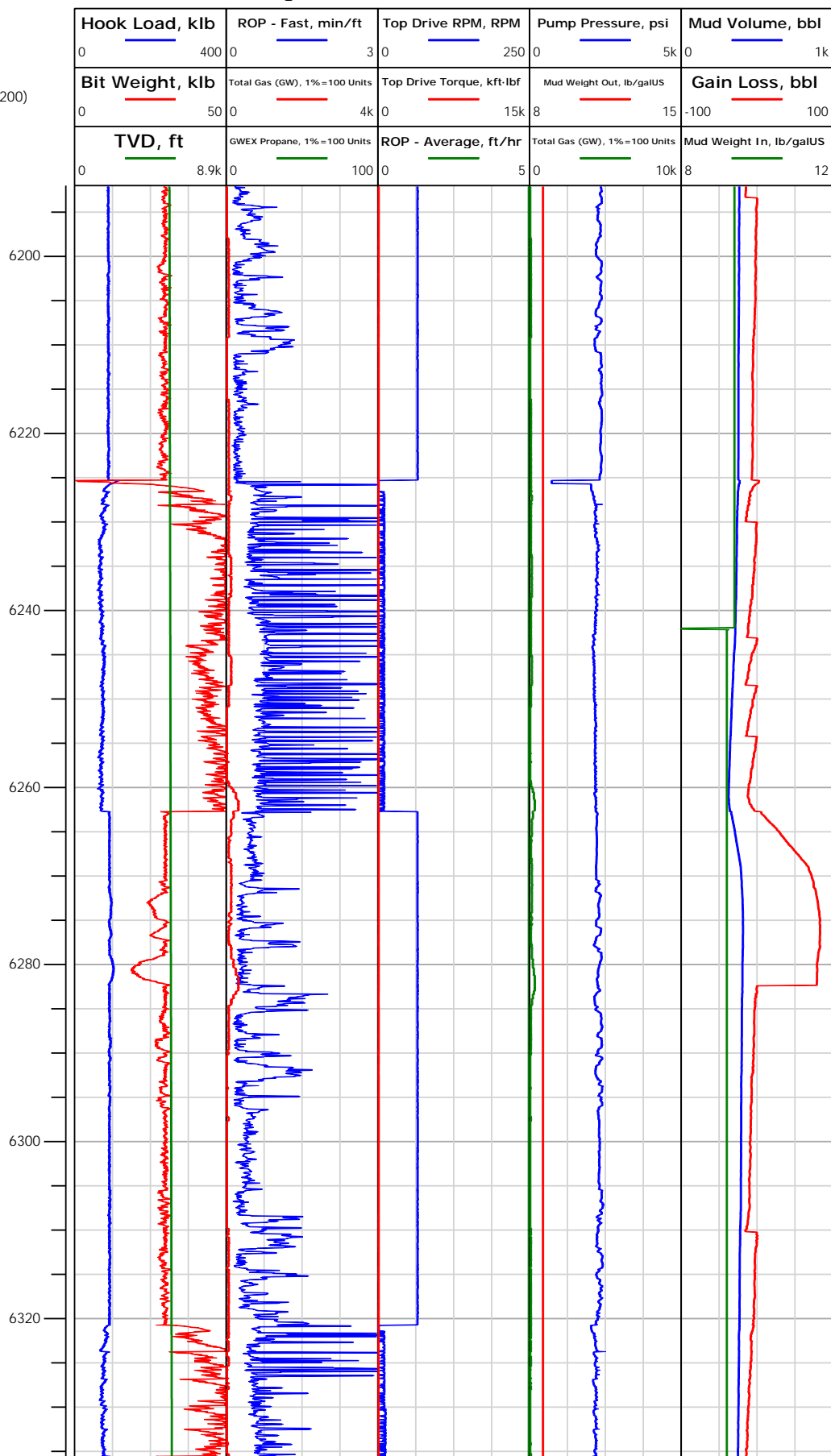
12:09

12:33

12:45

12:56

13:07





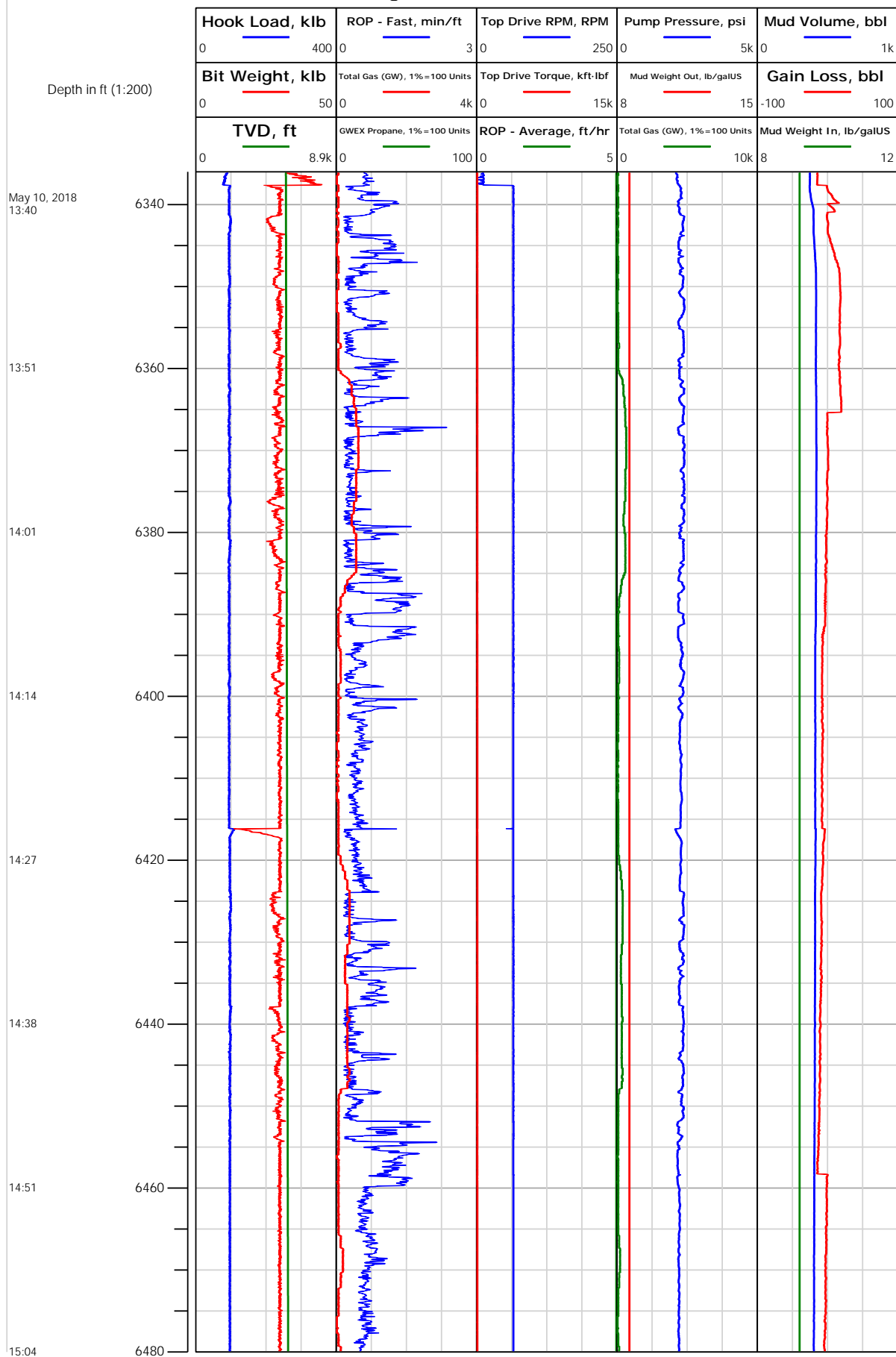
## Electronic Drilling Recorder

Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-19W  
Rig: 290

Location:

Notes





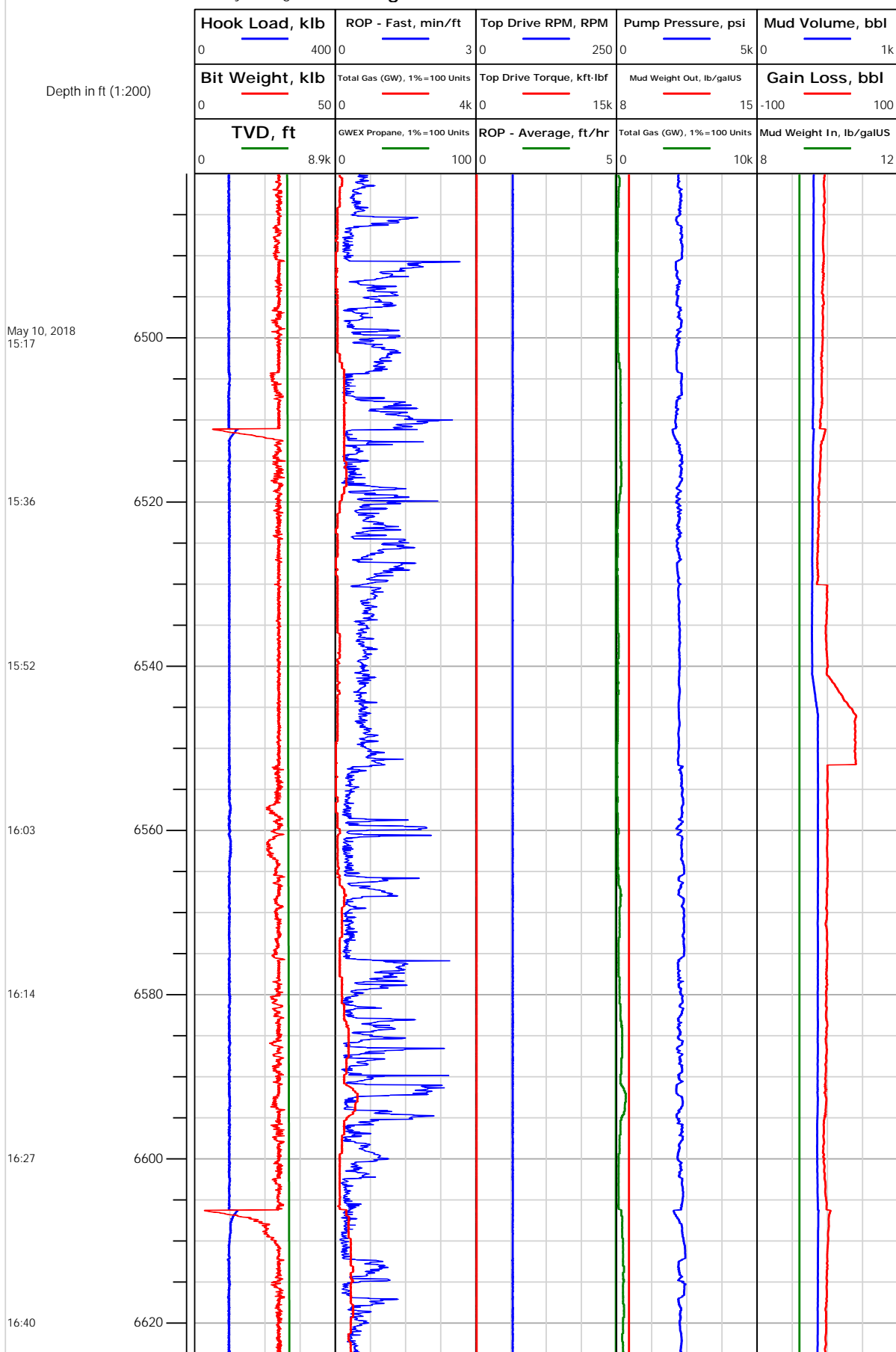
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**Operator:** Laramie Energy  
**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Nichols 24-19W  
**Rig:** 290

**Location:**

Notes





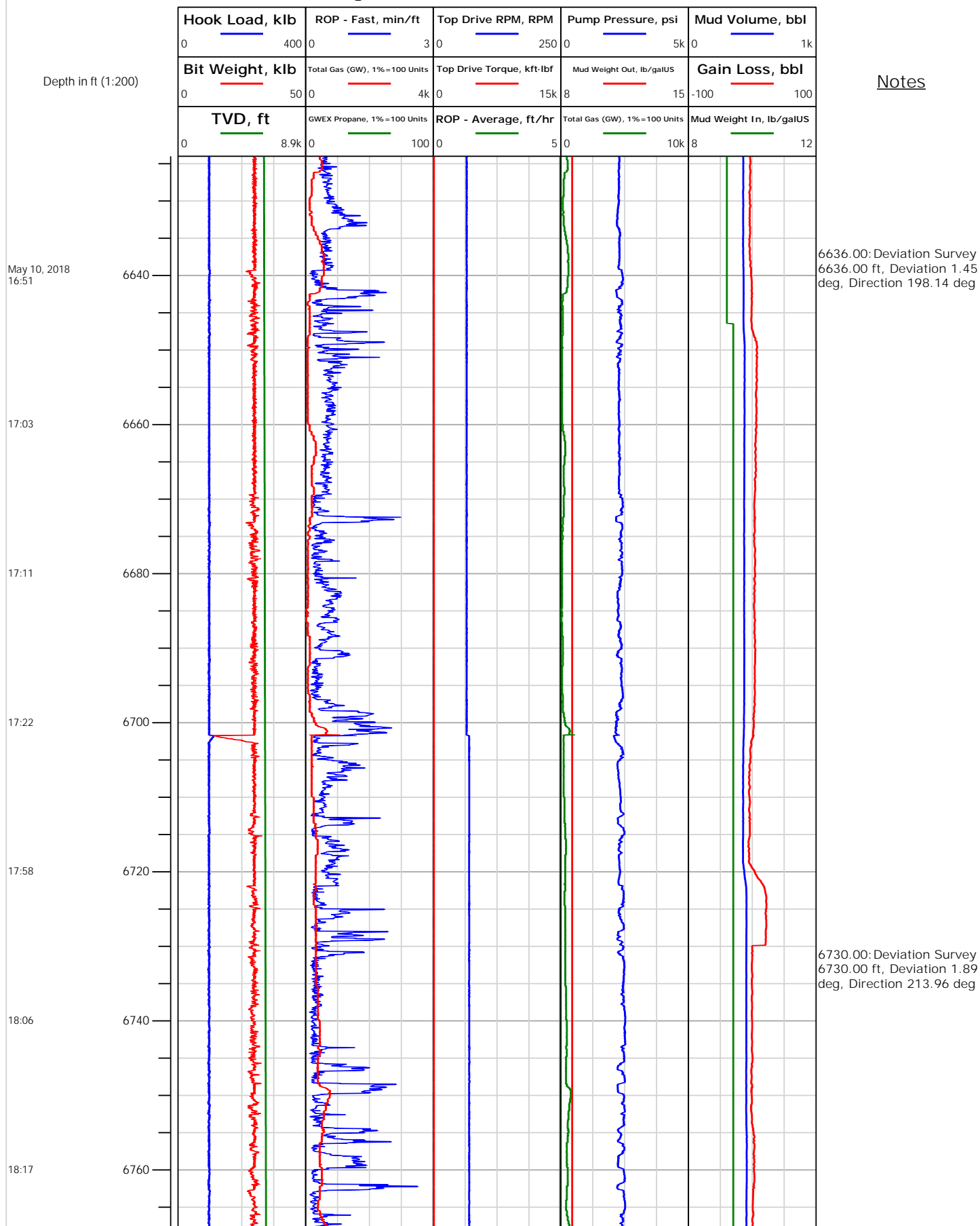
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Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-19W  
Rig: 290

Location:

Notes





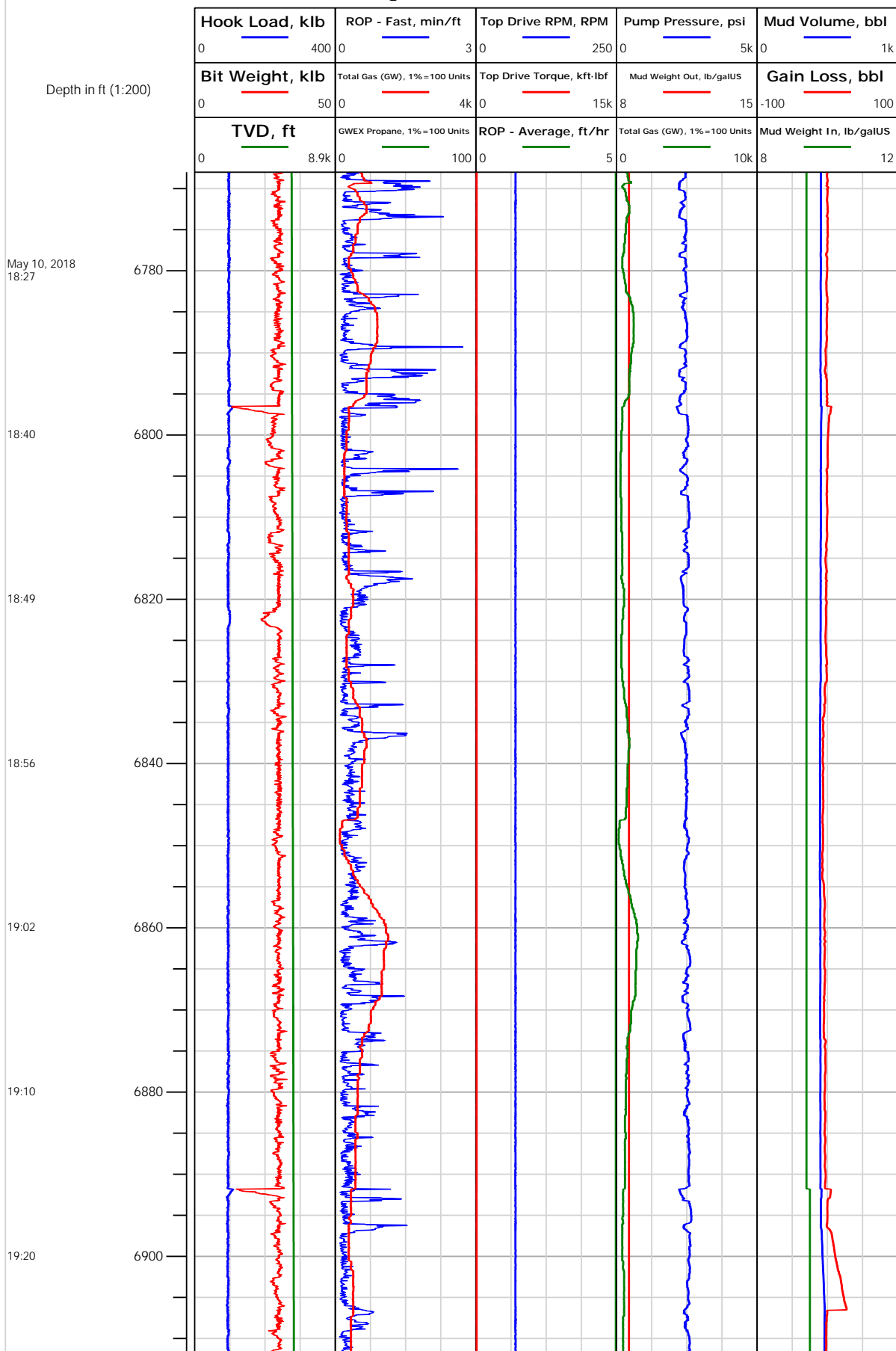
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**Operator:** Laramie Energy  
**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Nichols 24-19W  
**Rig:** 290

**Location:**

Notes





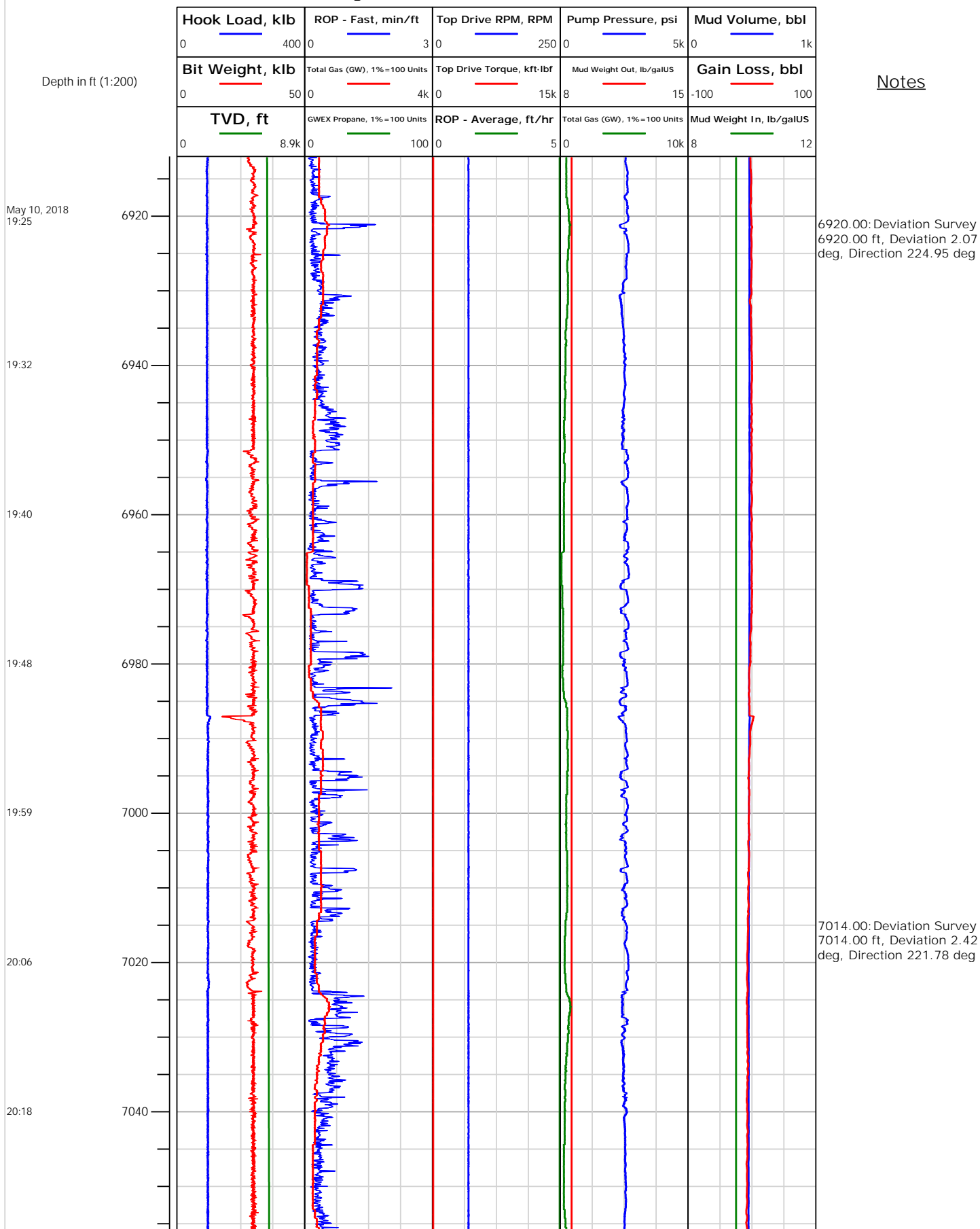
# Electronic Drilling Recorder

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**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Nichols 24-19W  
**Rig:** 290

**Location:**

## Notes





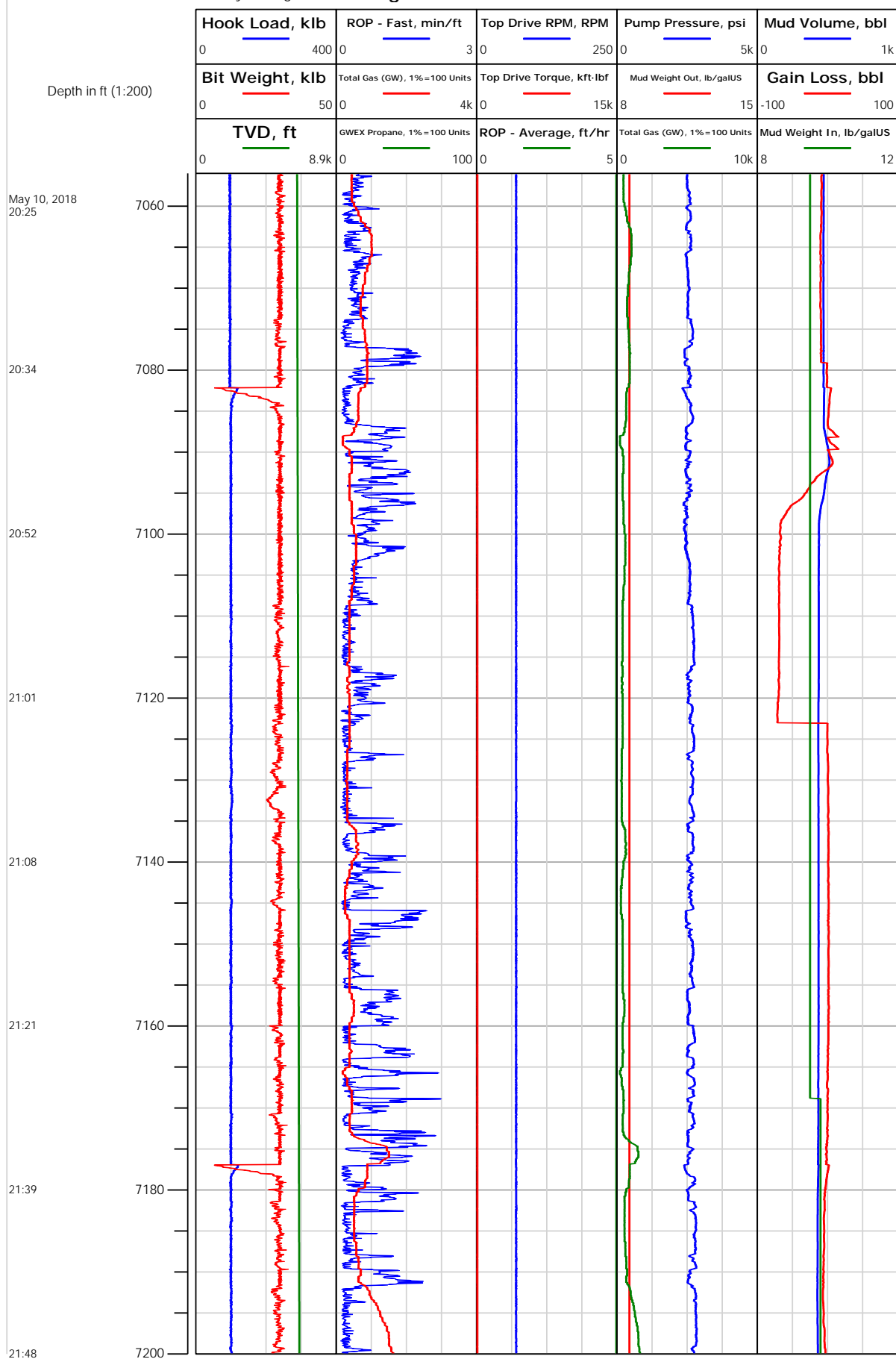
Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

# Electronic Drilling Recorder

Well Name: Nichols 24-19W  
Rig: 290

Location:

Notes







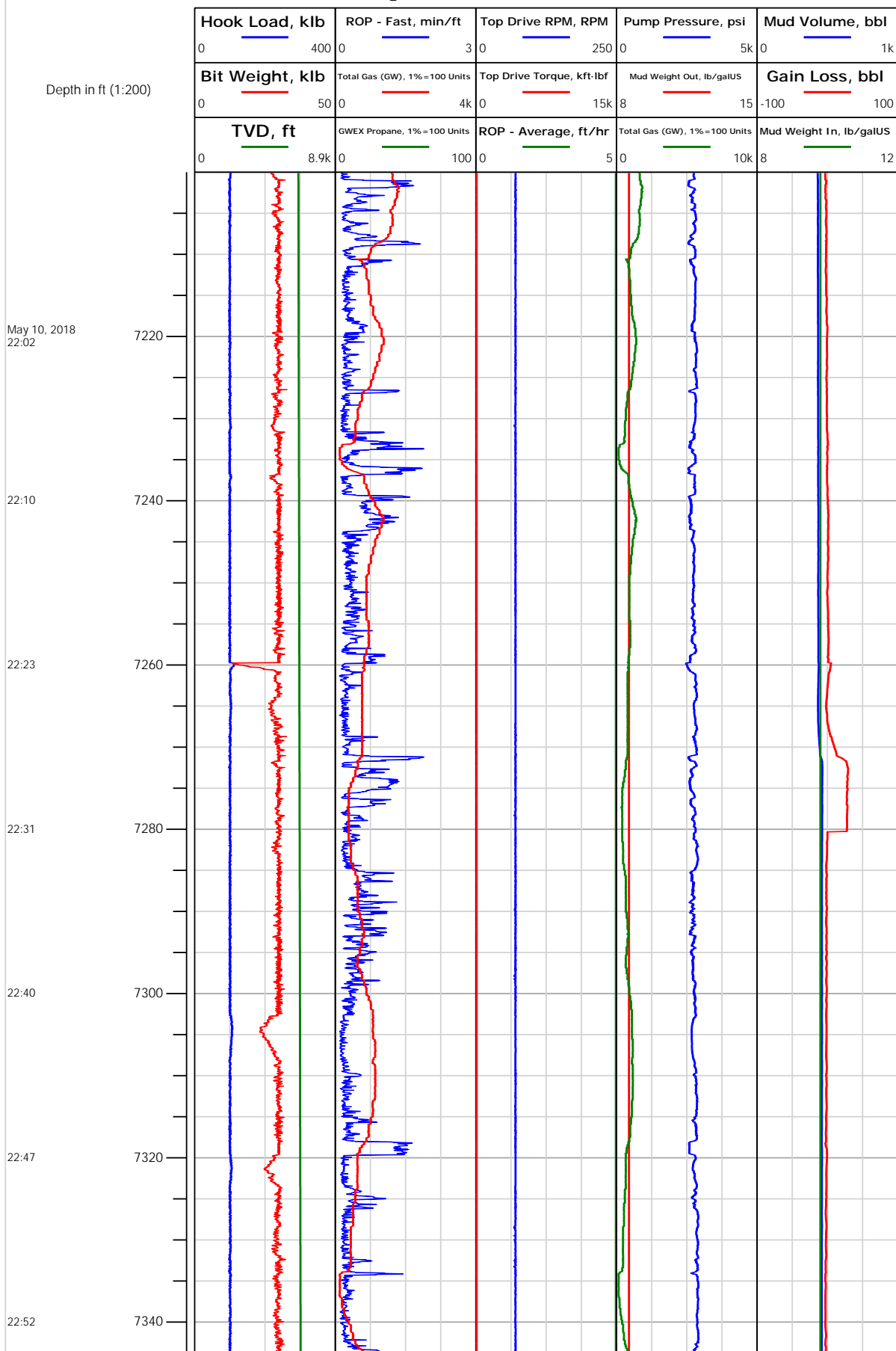
# Electronic Drilling Recorder

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

**Well Name:** Nichols 24-19W  
**Rig:** 290

**Location:**

## Notes





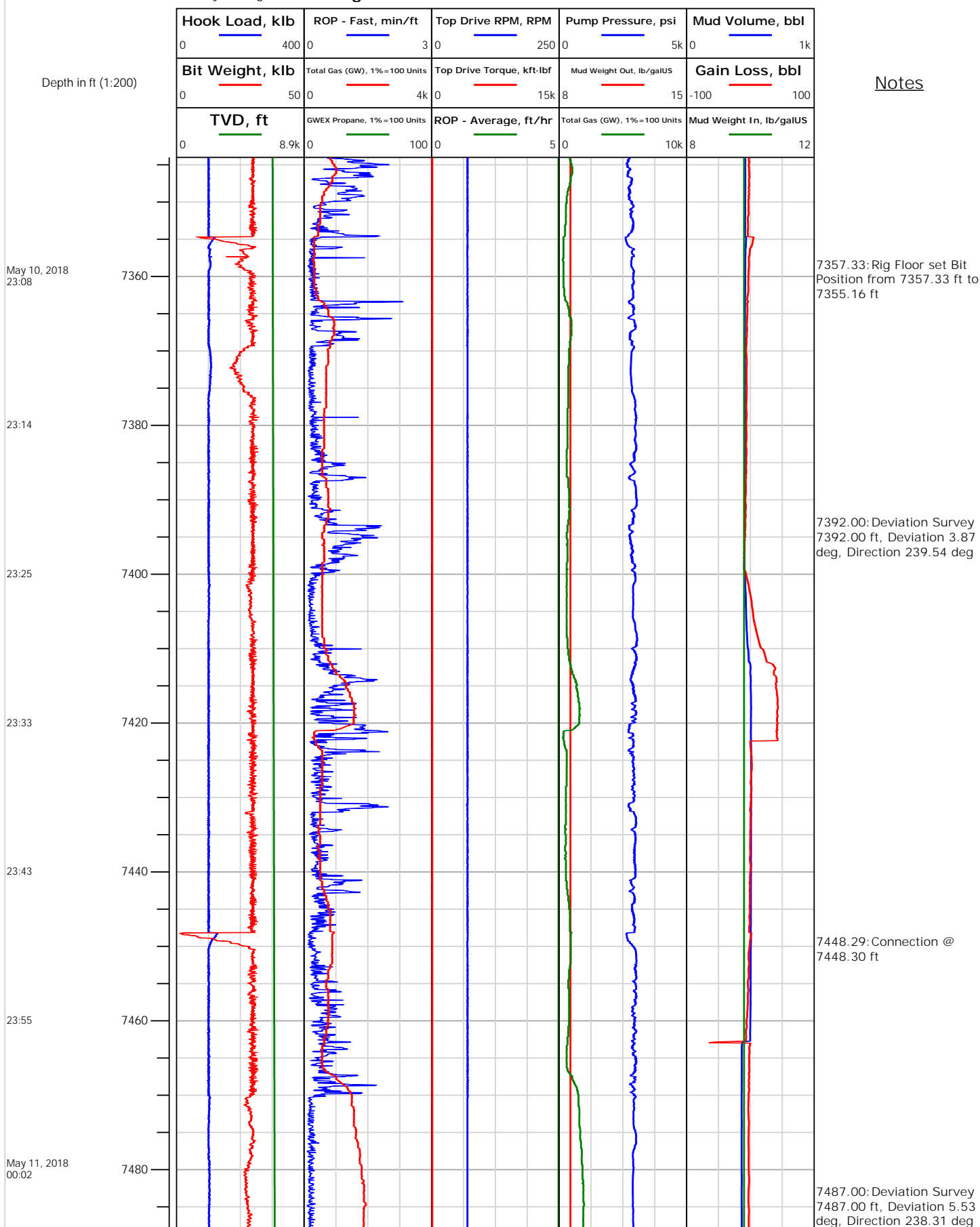
# Electronic Drilling Recorder

Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-19W  
Rig: 290

Location:

Notes





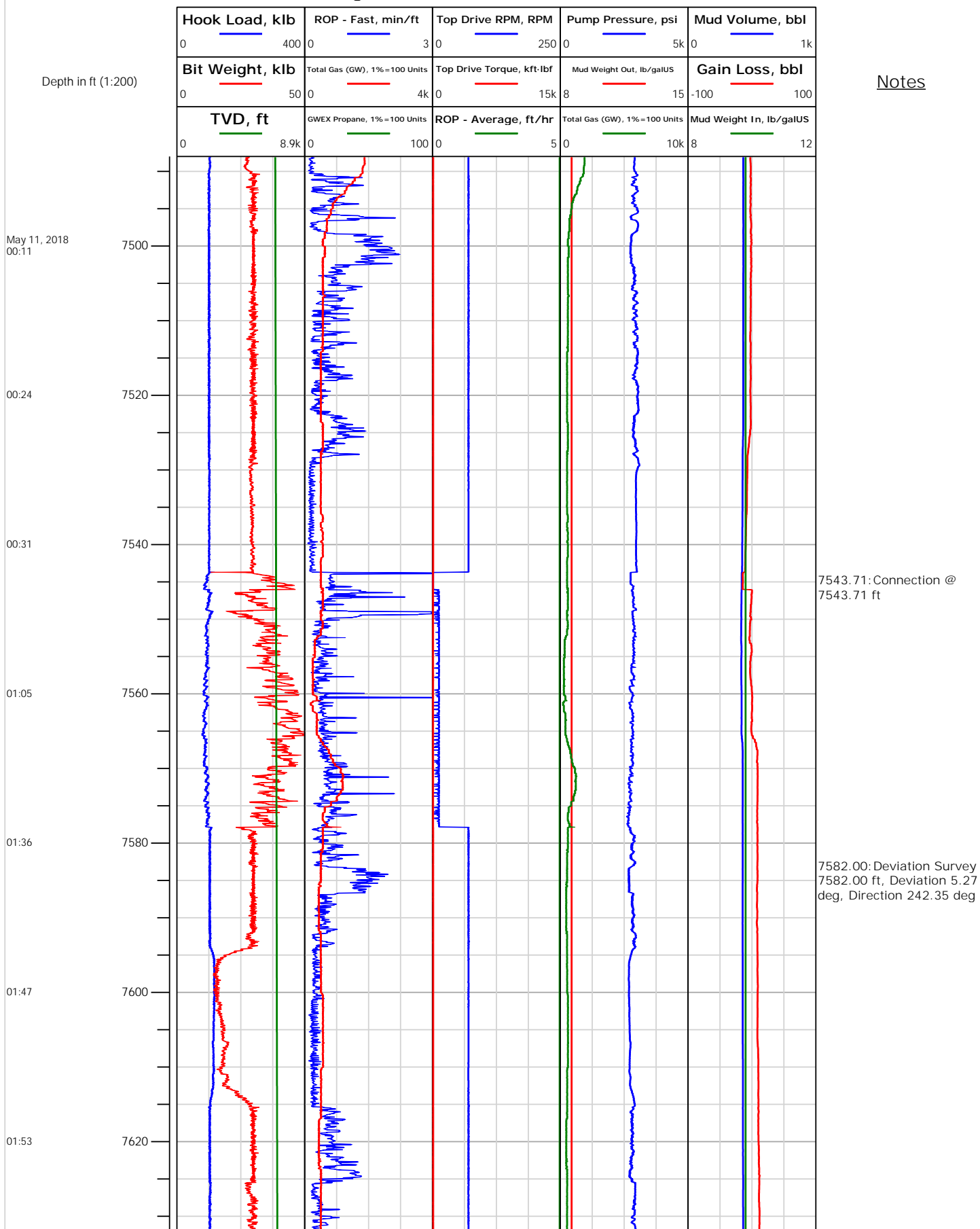
# Electronic Drilling Recorder

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

**Well Name:** Nichols 24-19W  
**Rig:** 290

**Location:**

Notes





# Electronic Drilling Recorder

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

**Well Name:** Nichols 24-19W  
**Rig:** 290

**Location:**

Notes

Depth in ft (1:200)

May 11, 2018  
02:07

02:49

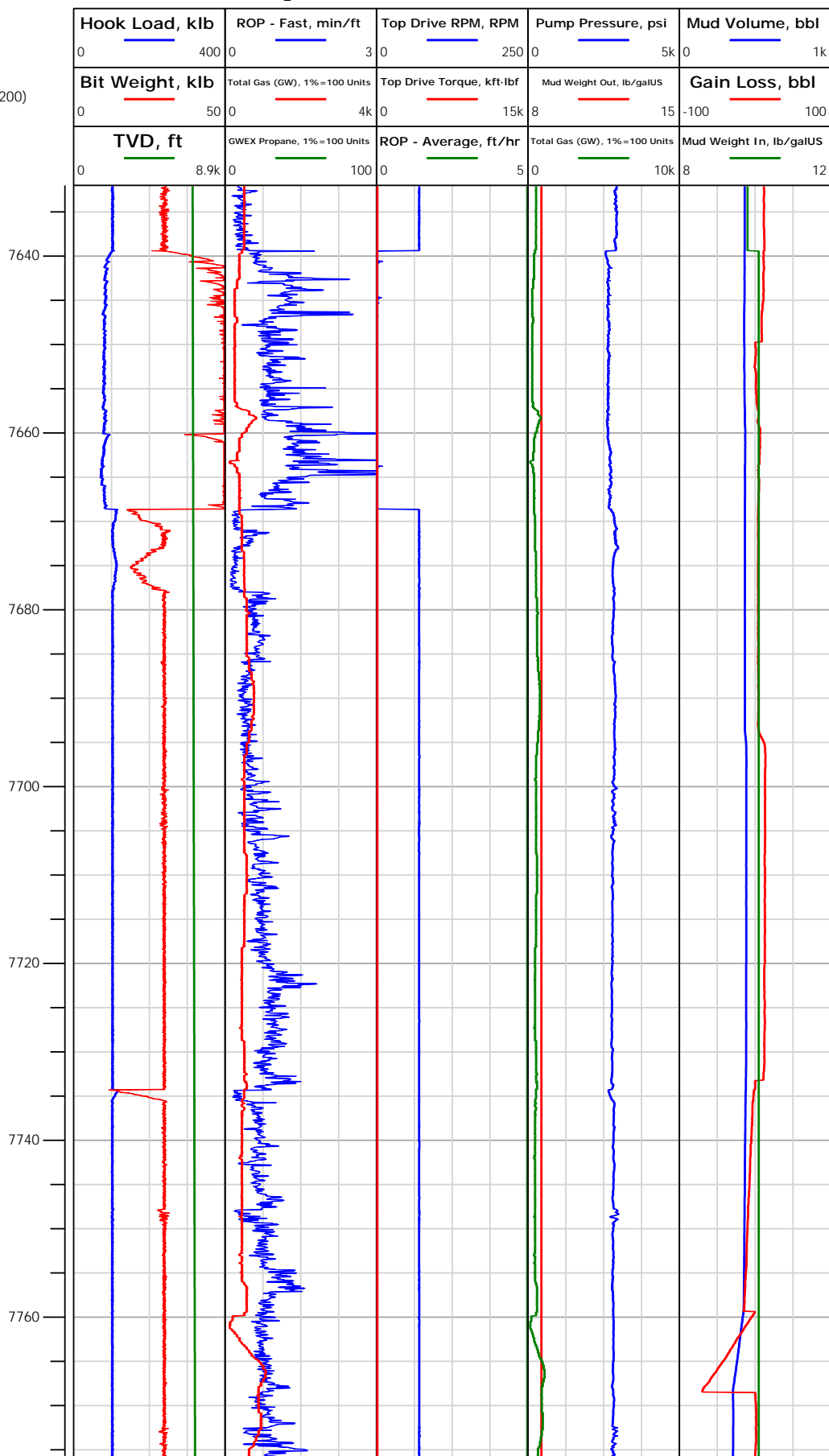
03:16

03:26

03:39

04:00

04:16





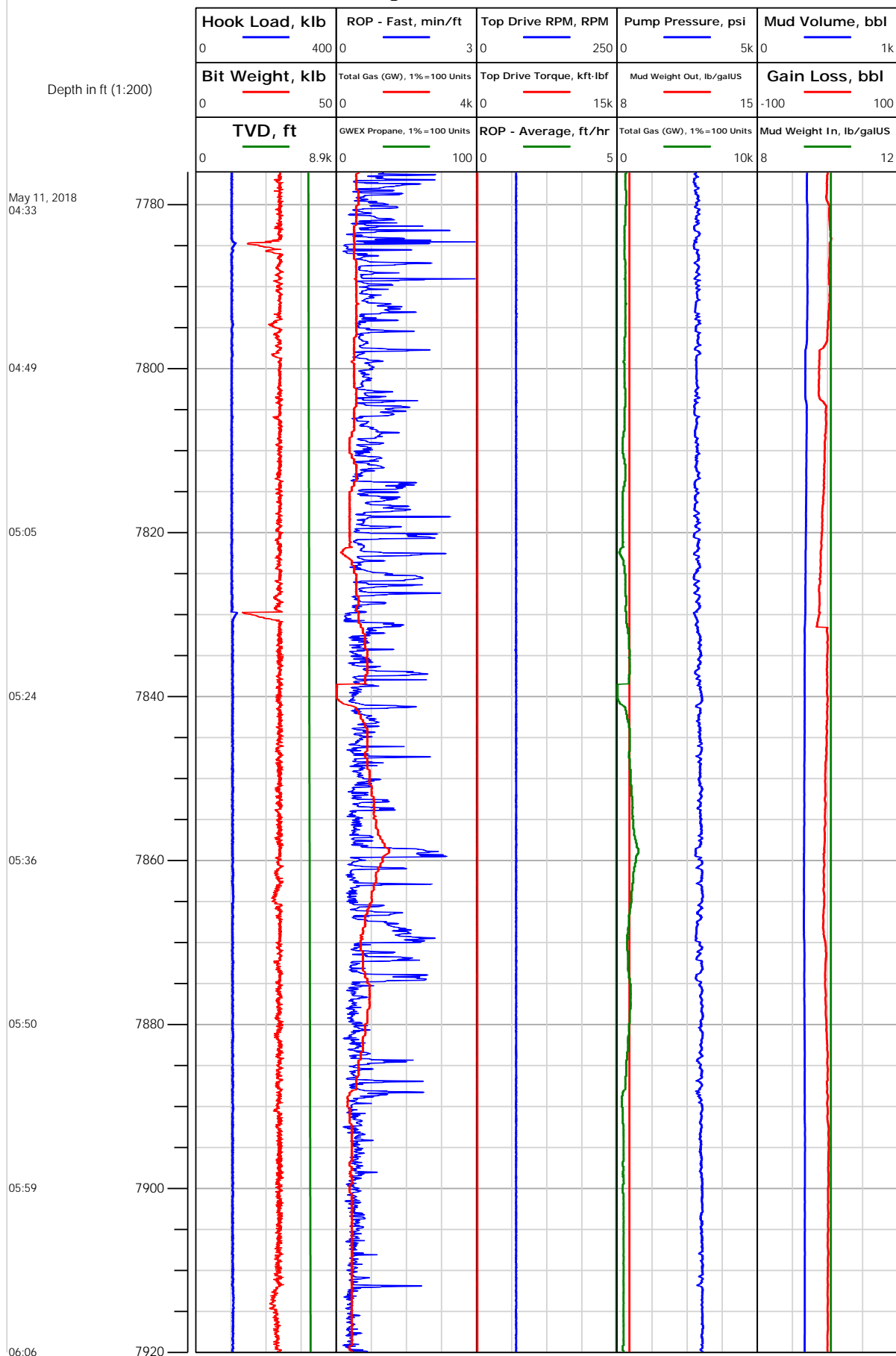
# Electronic Drilling Recorder

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

**Well Name:** Nichols 24-19W  
**Rig:** 290

**Location:**

Notes





# Electronic Drilling Recorder

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

**Well Name:** Nichols 24-19W  
**Rig:** 290

**Location:**

## Notes

Depth in ft (1:200)

May 11, 2018  
 06:18

7940

