

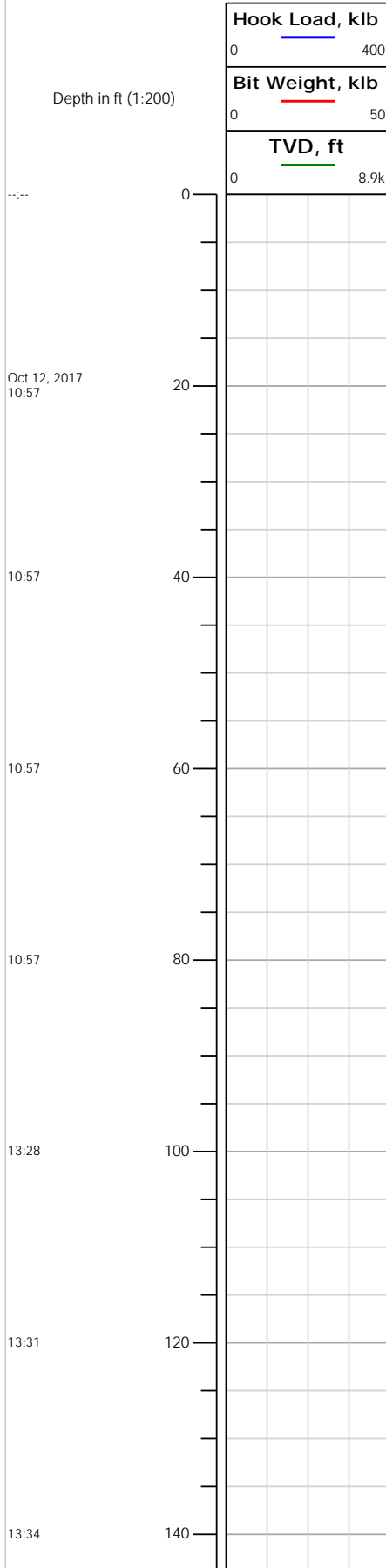


Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: Bruton Federal 19-09E
Rig: 290

Location:





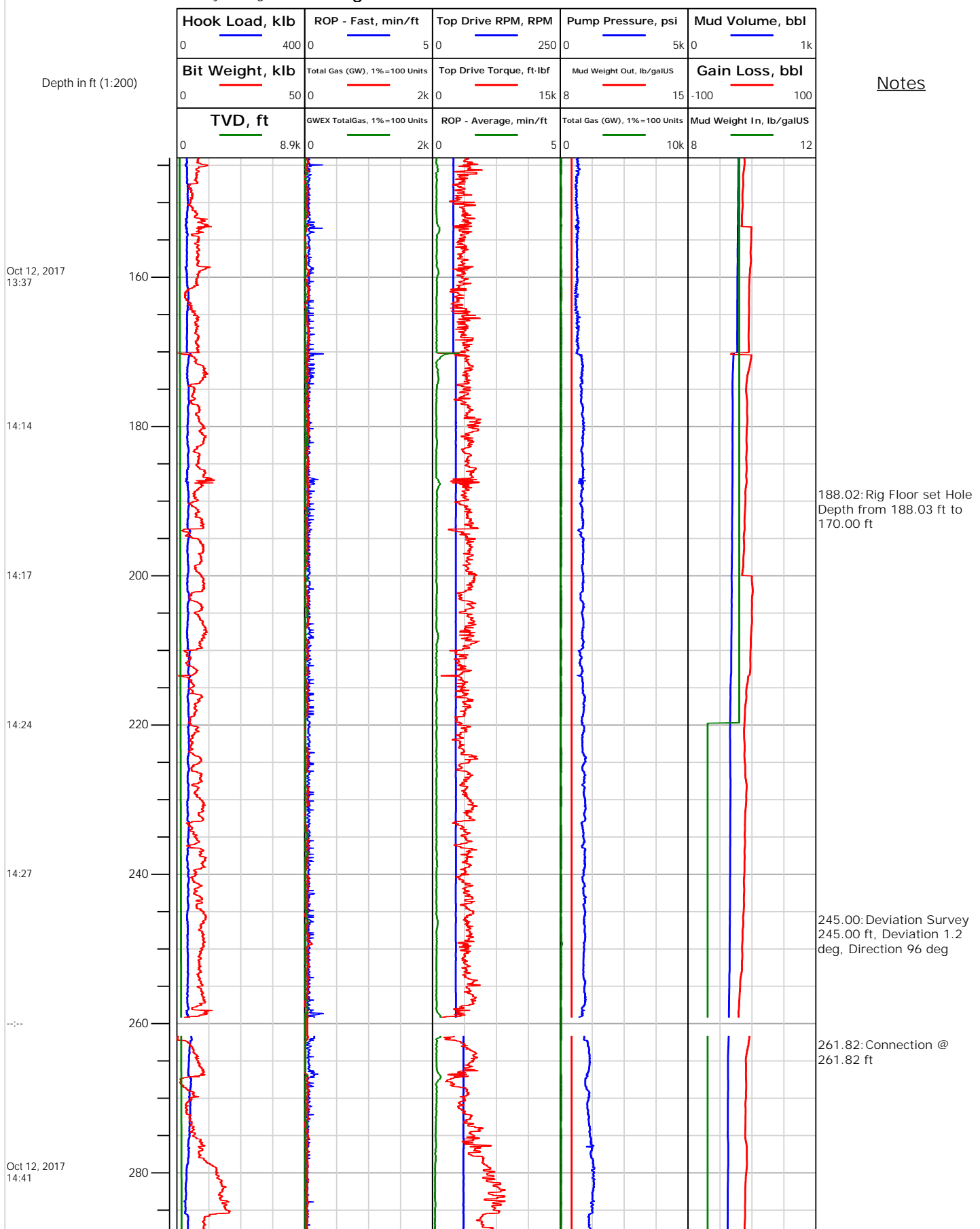
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





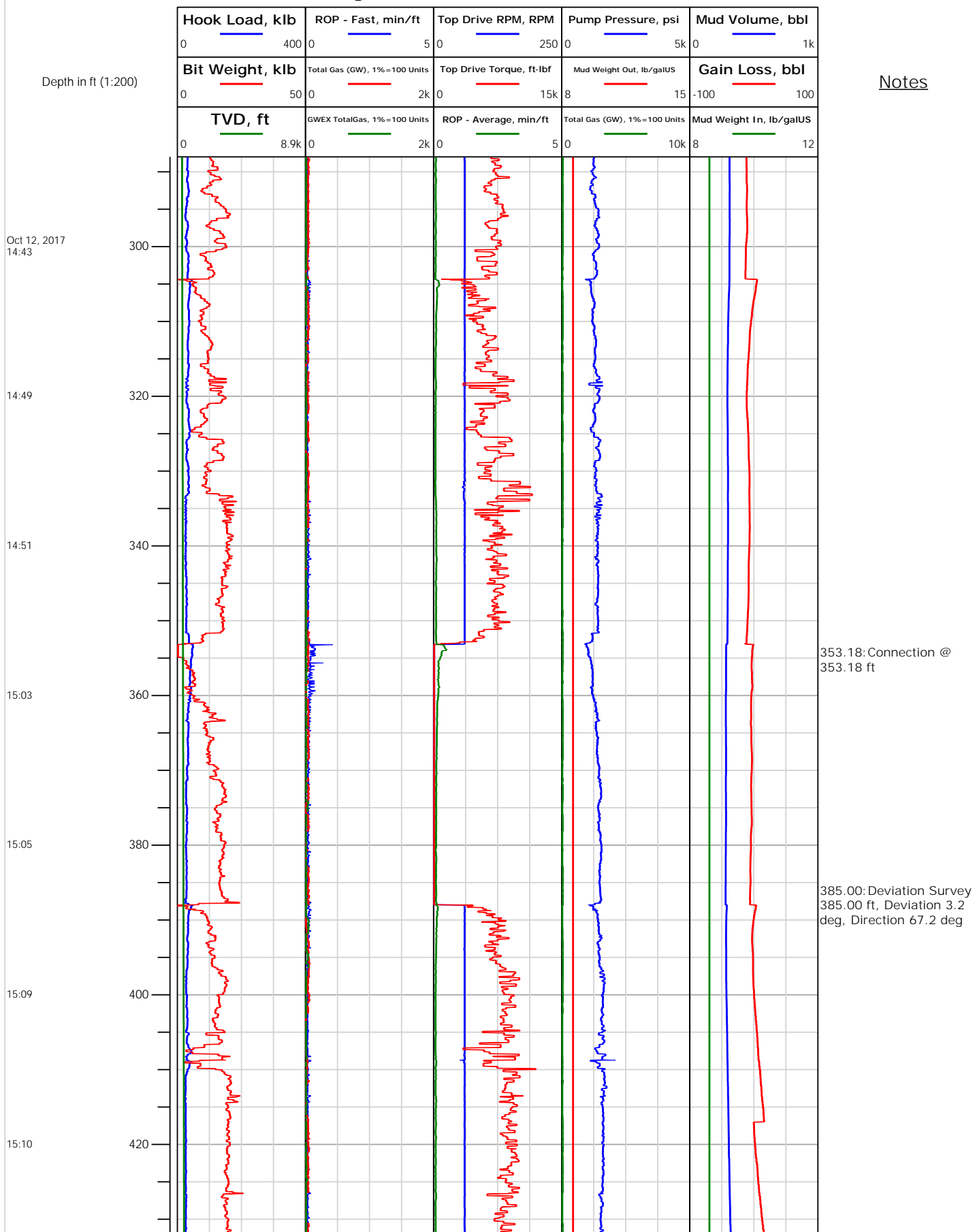
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

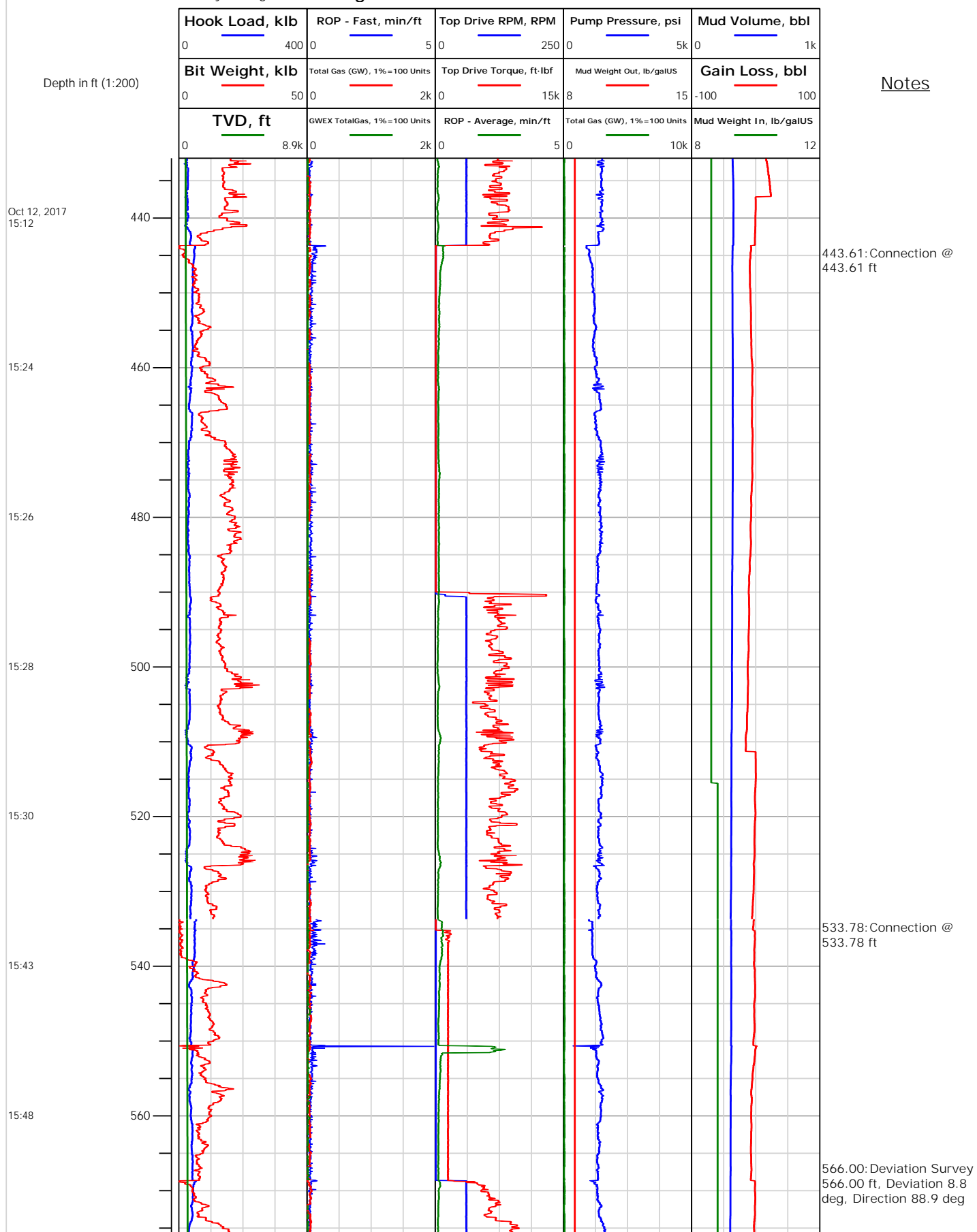
Location:

Notes



Electronic Drilling Recorder

Location:





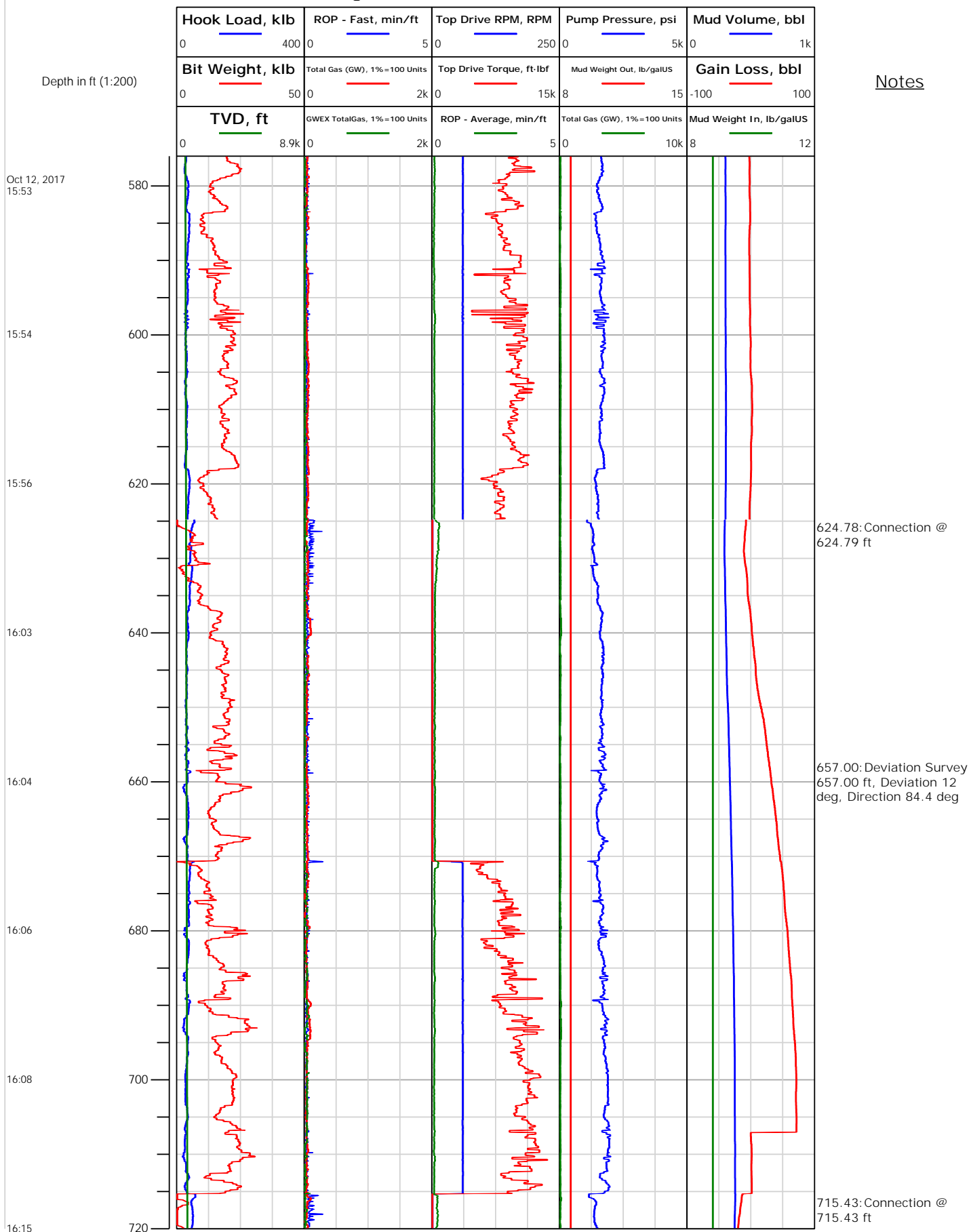
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





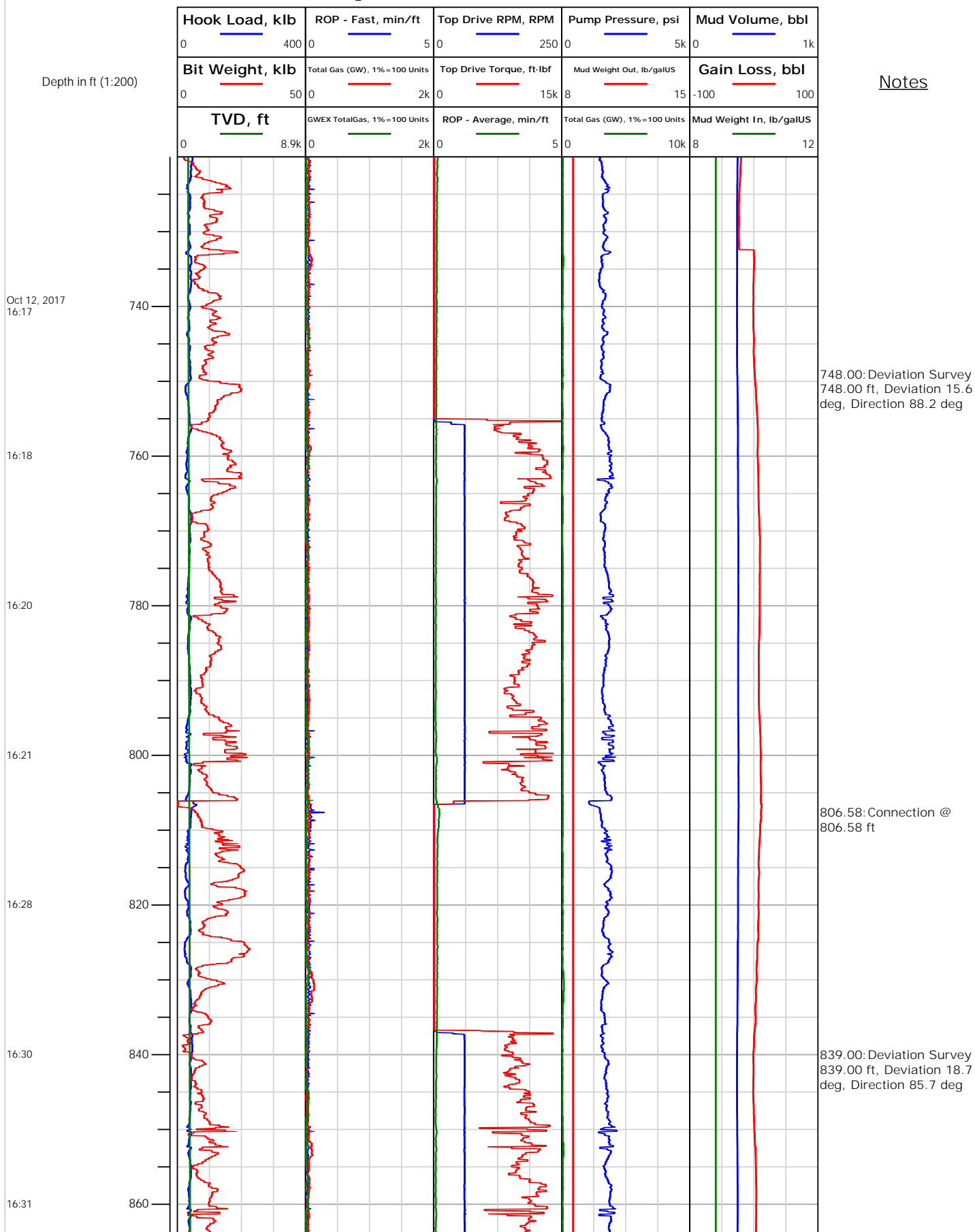
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





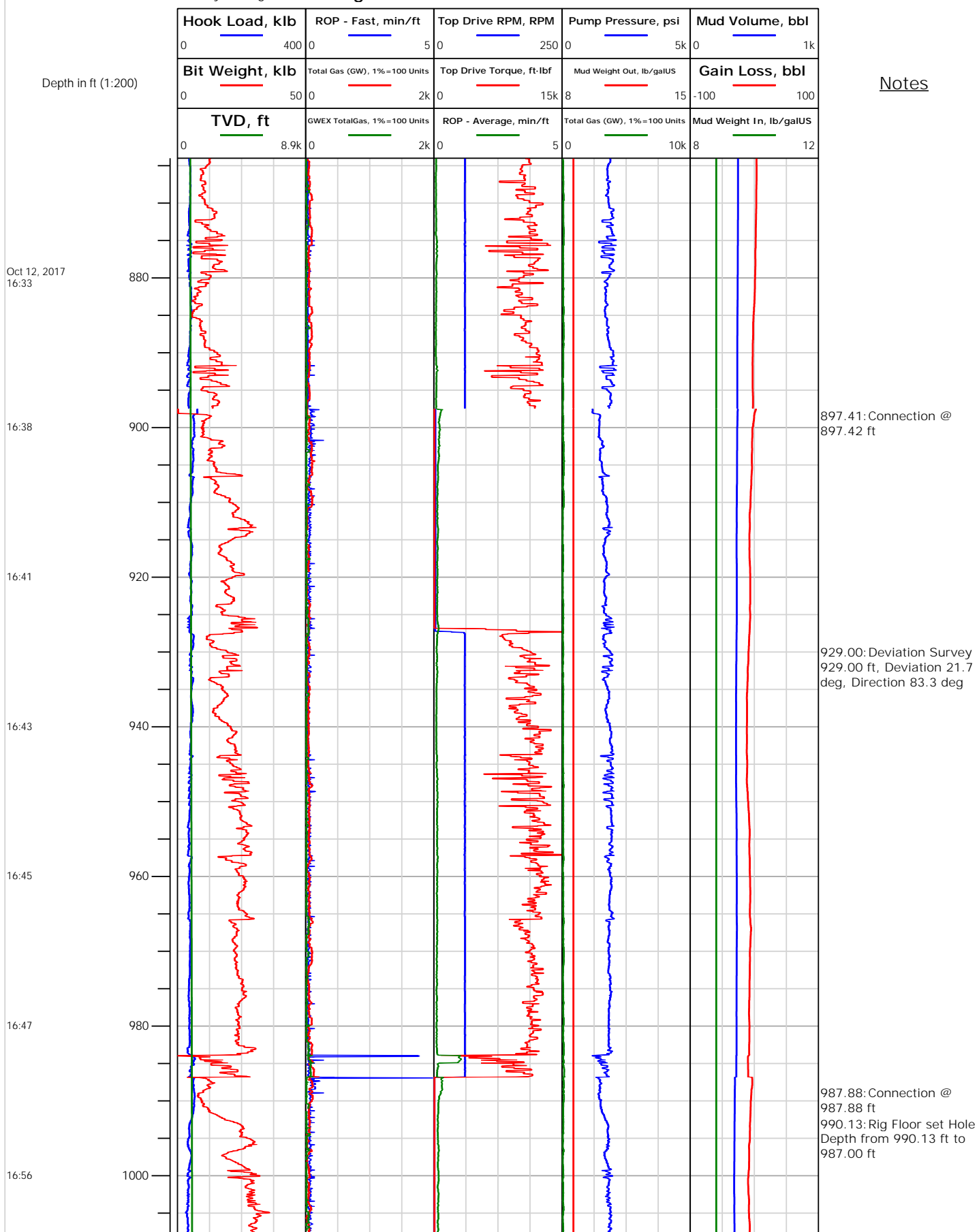
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





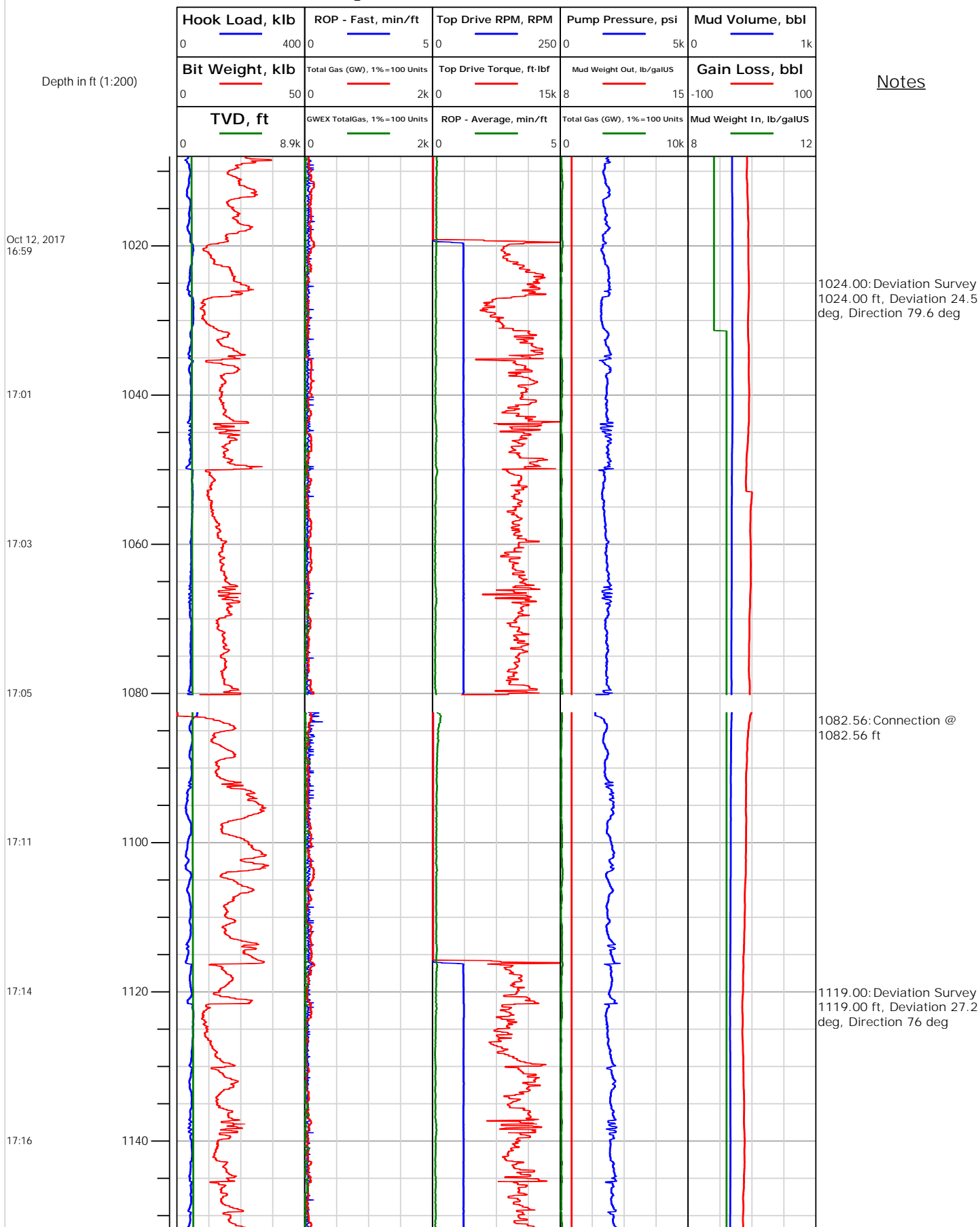
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





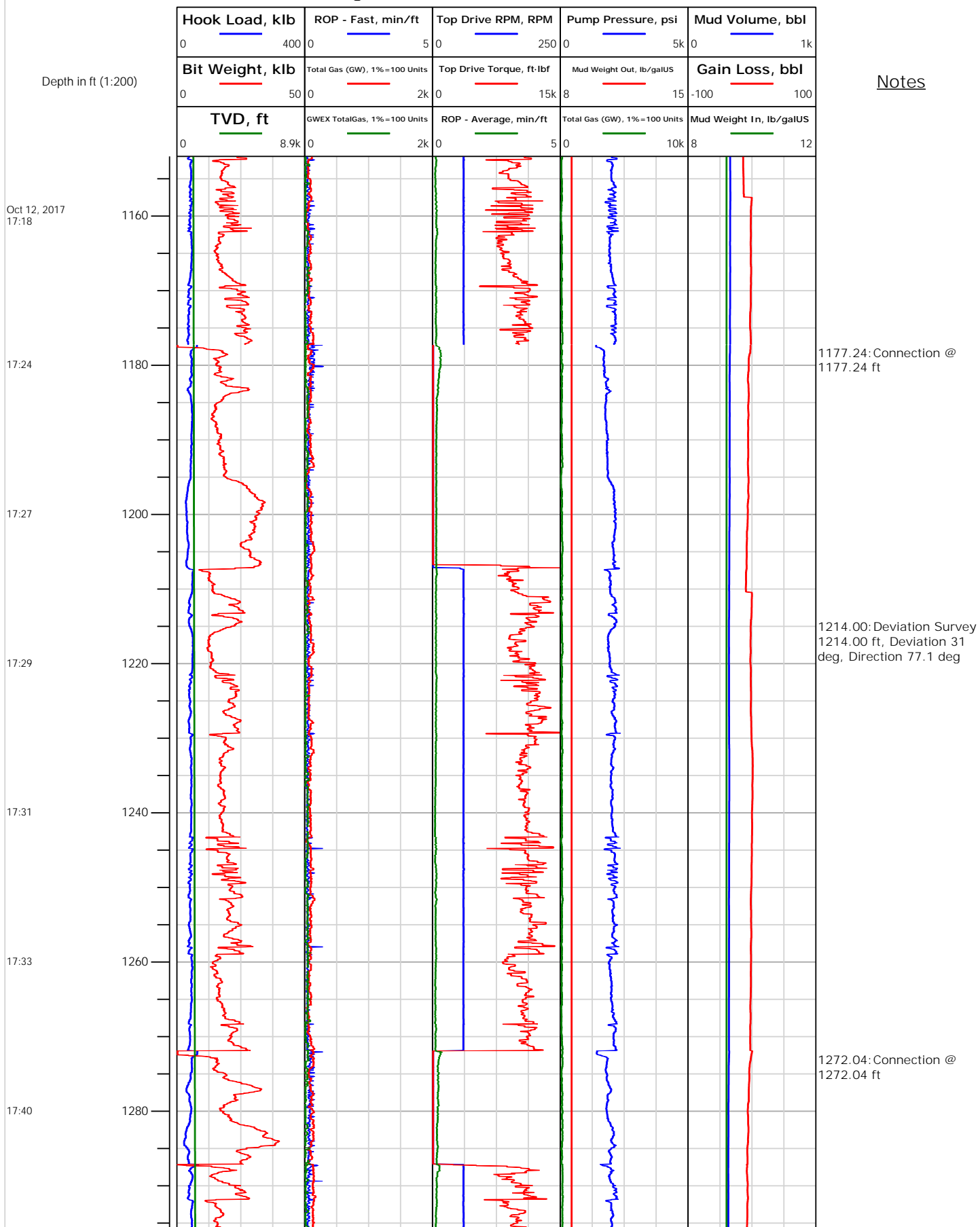
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





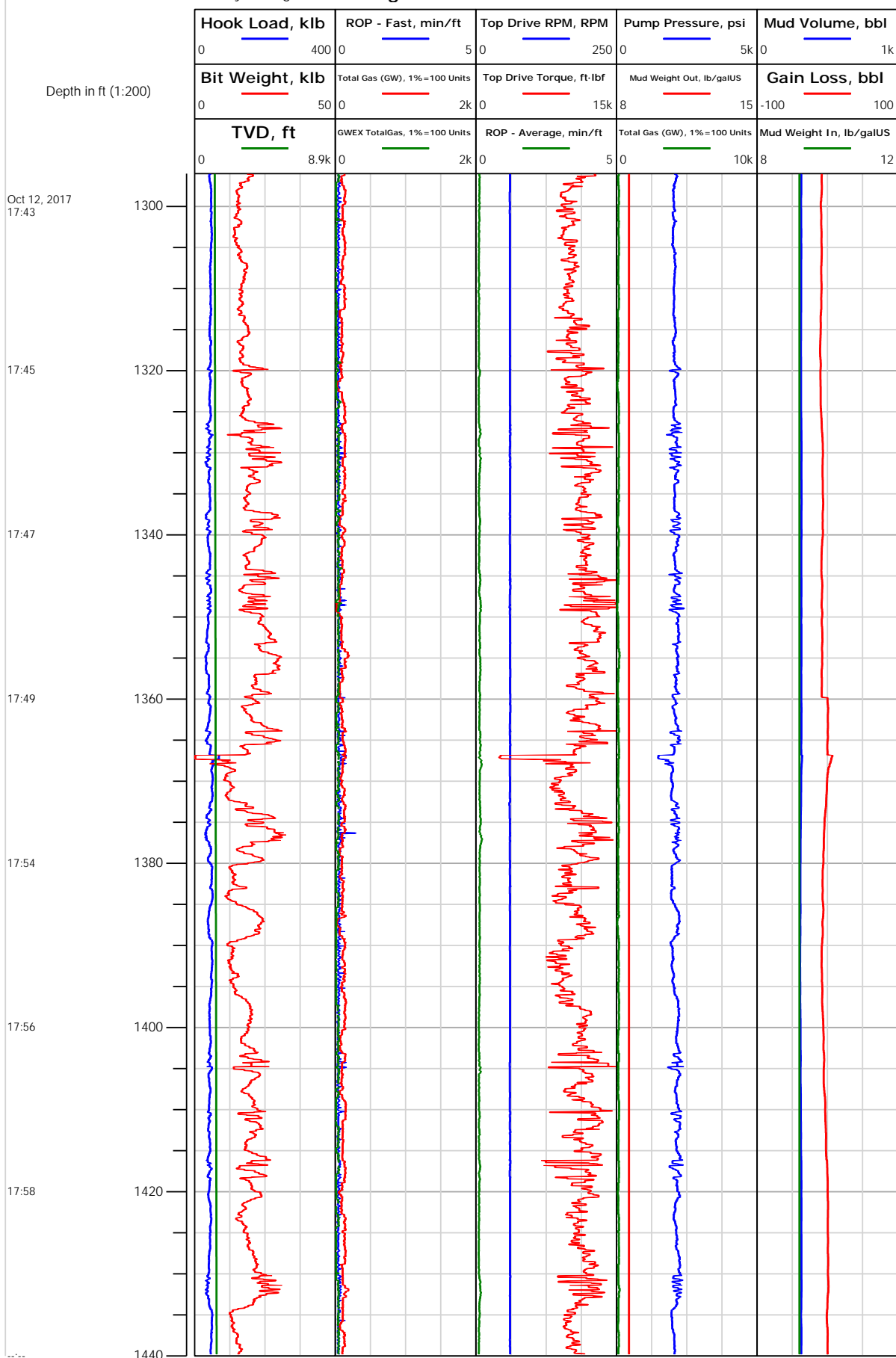
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





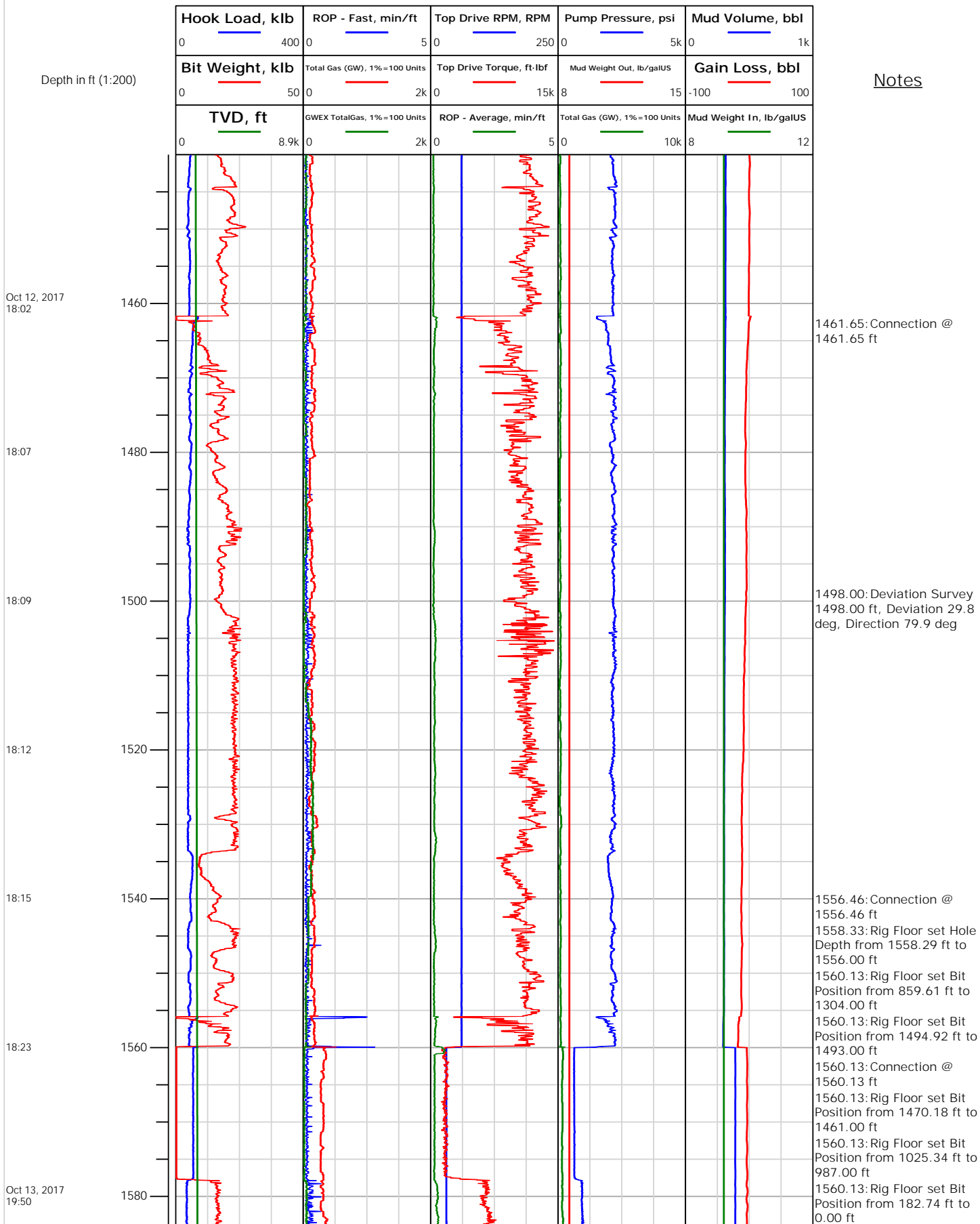
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





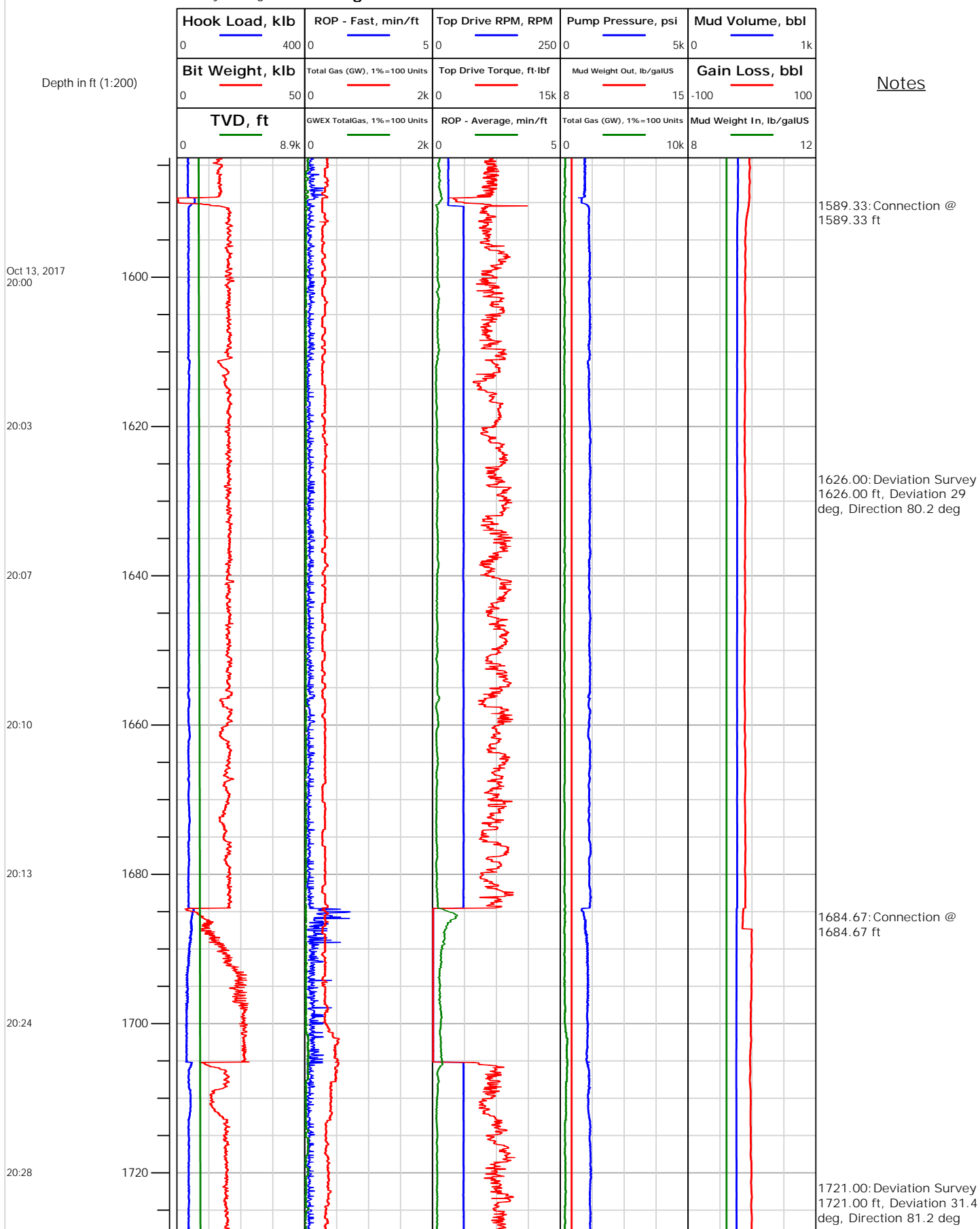
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

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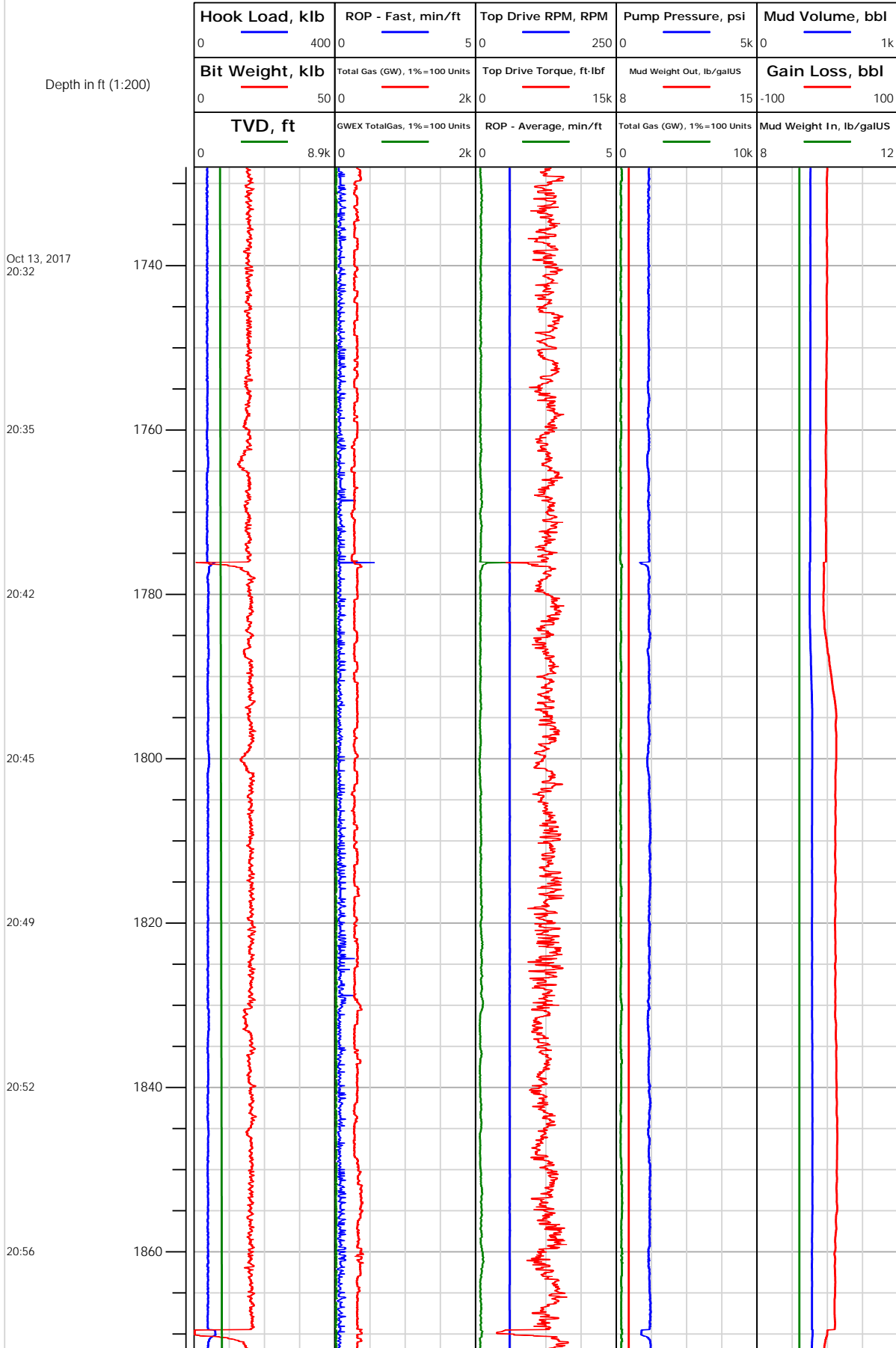
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





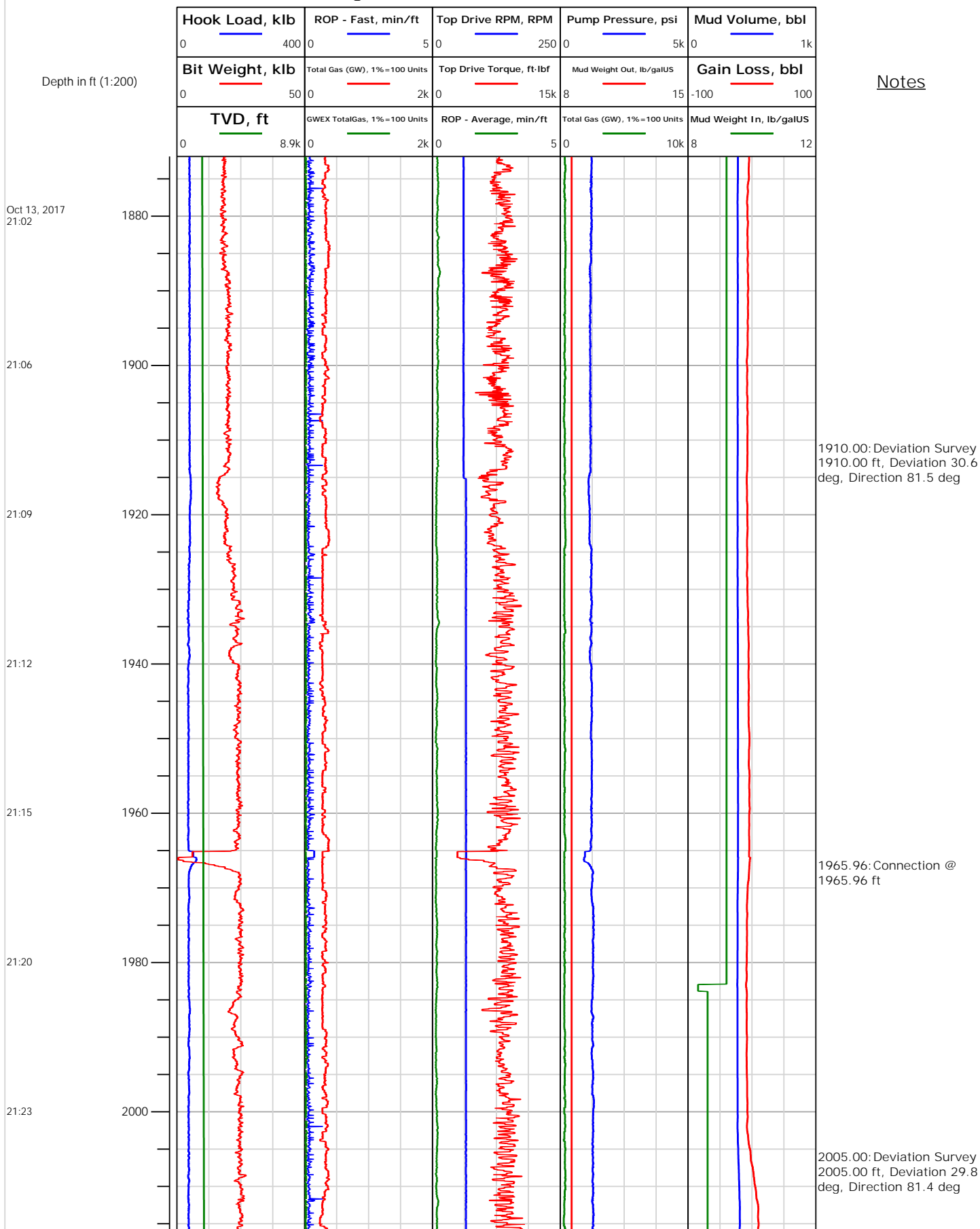
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





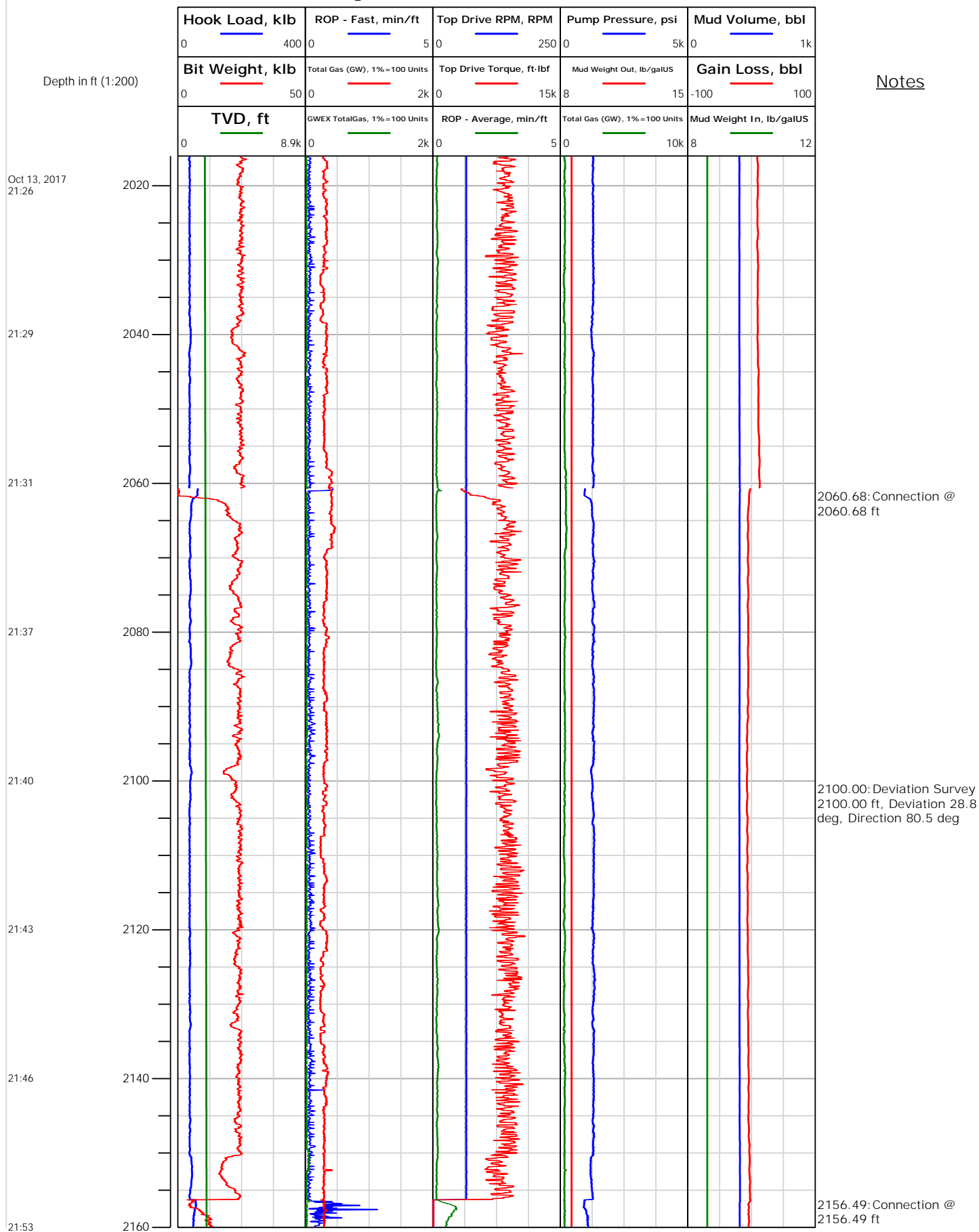
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





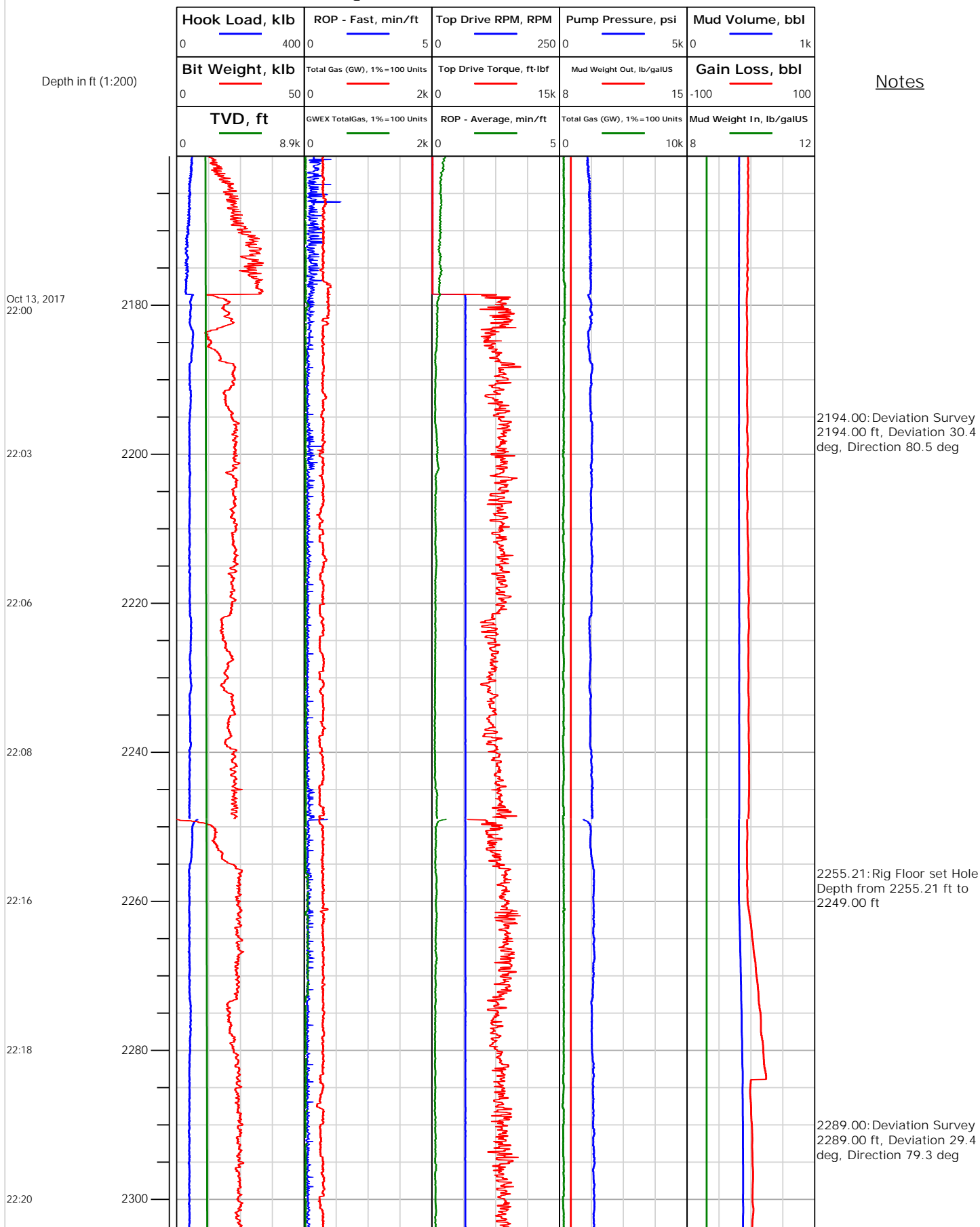
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





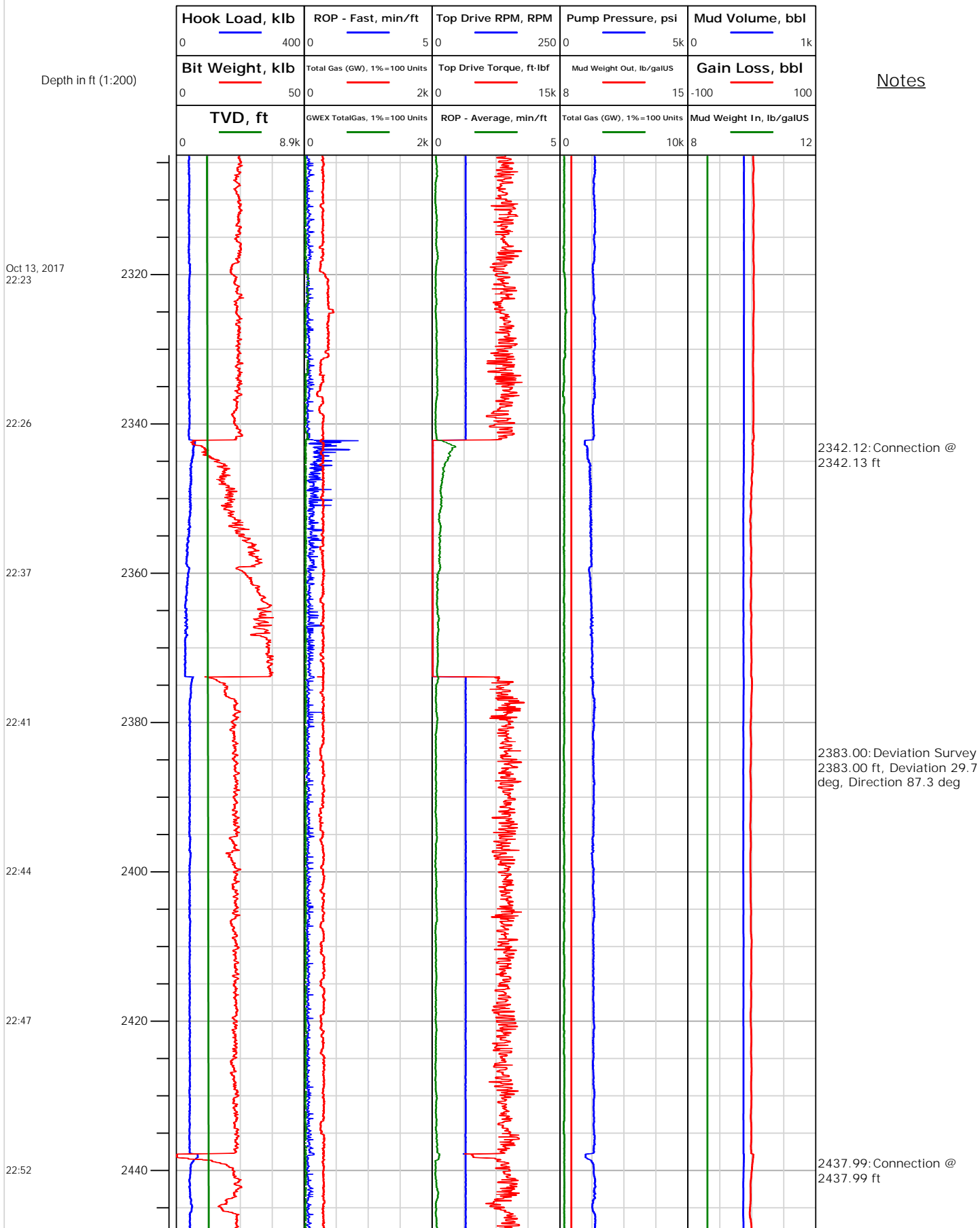
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





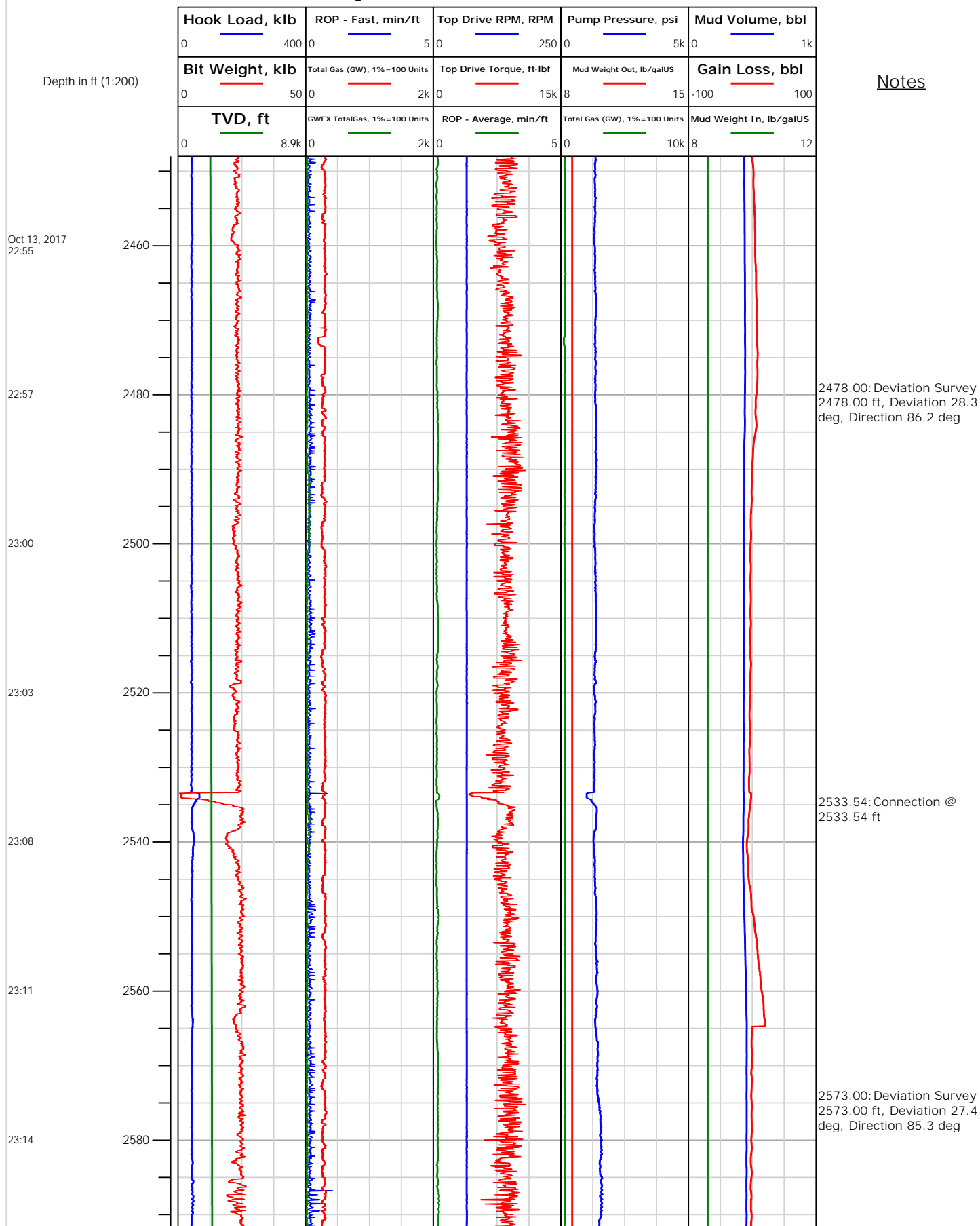
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





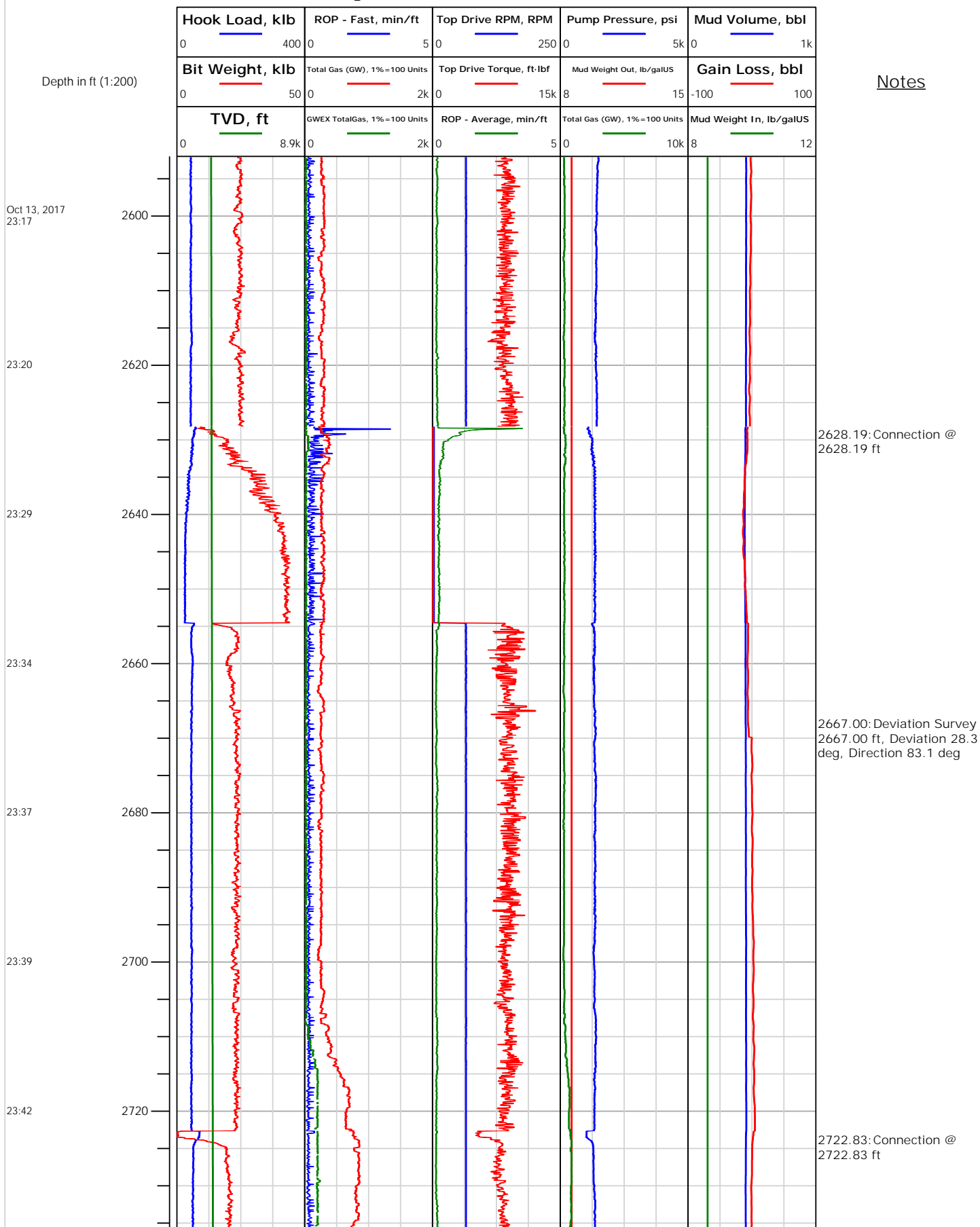
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





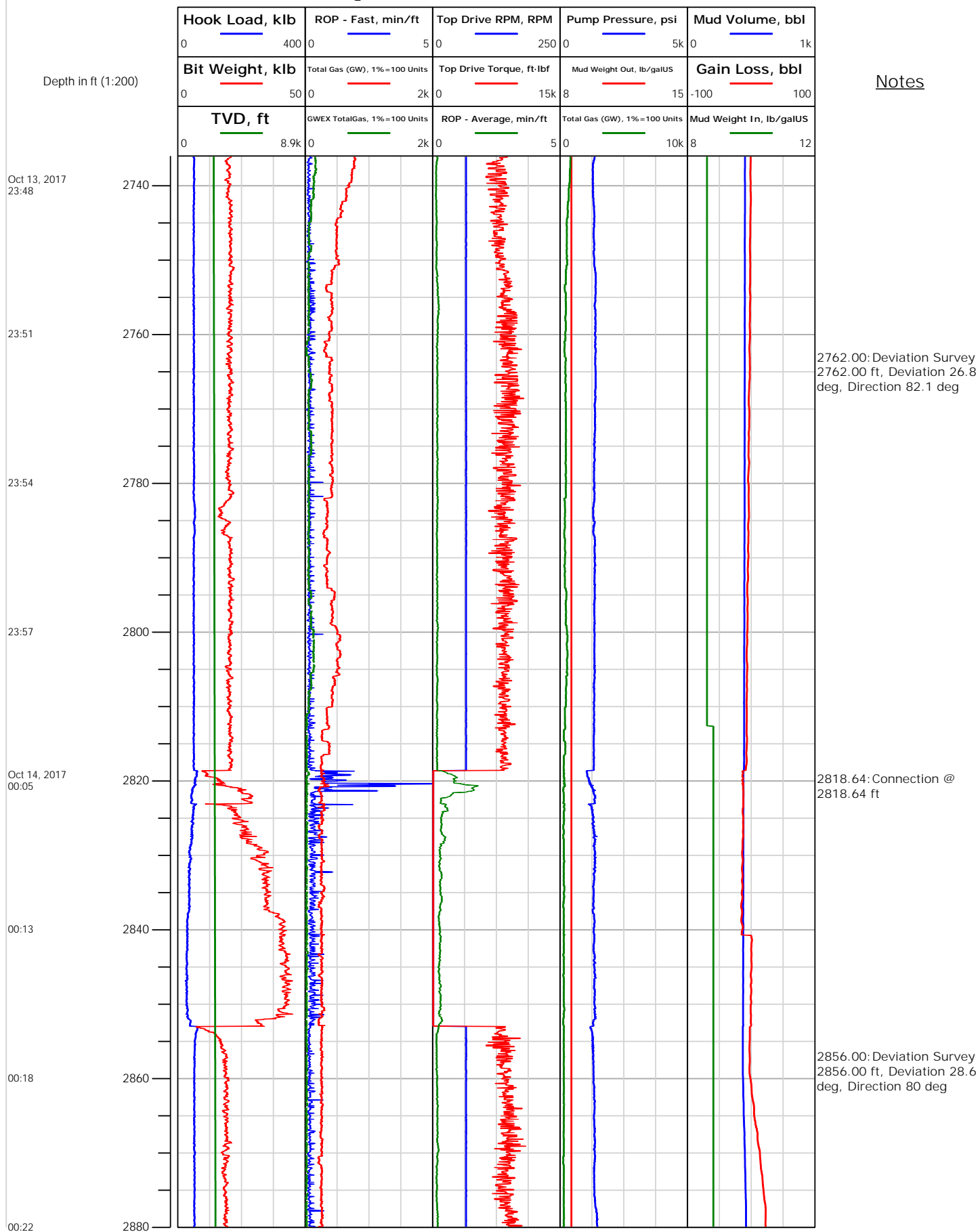
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





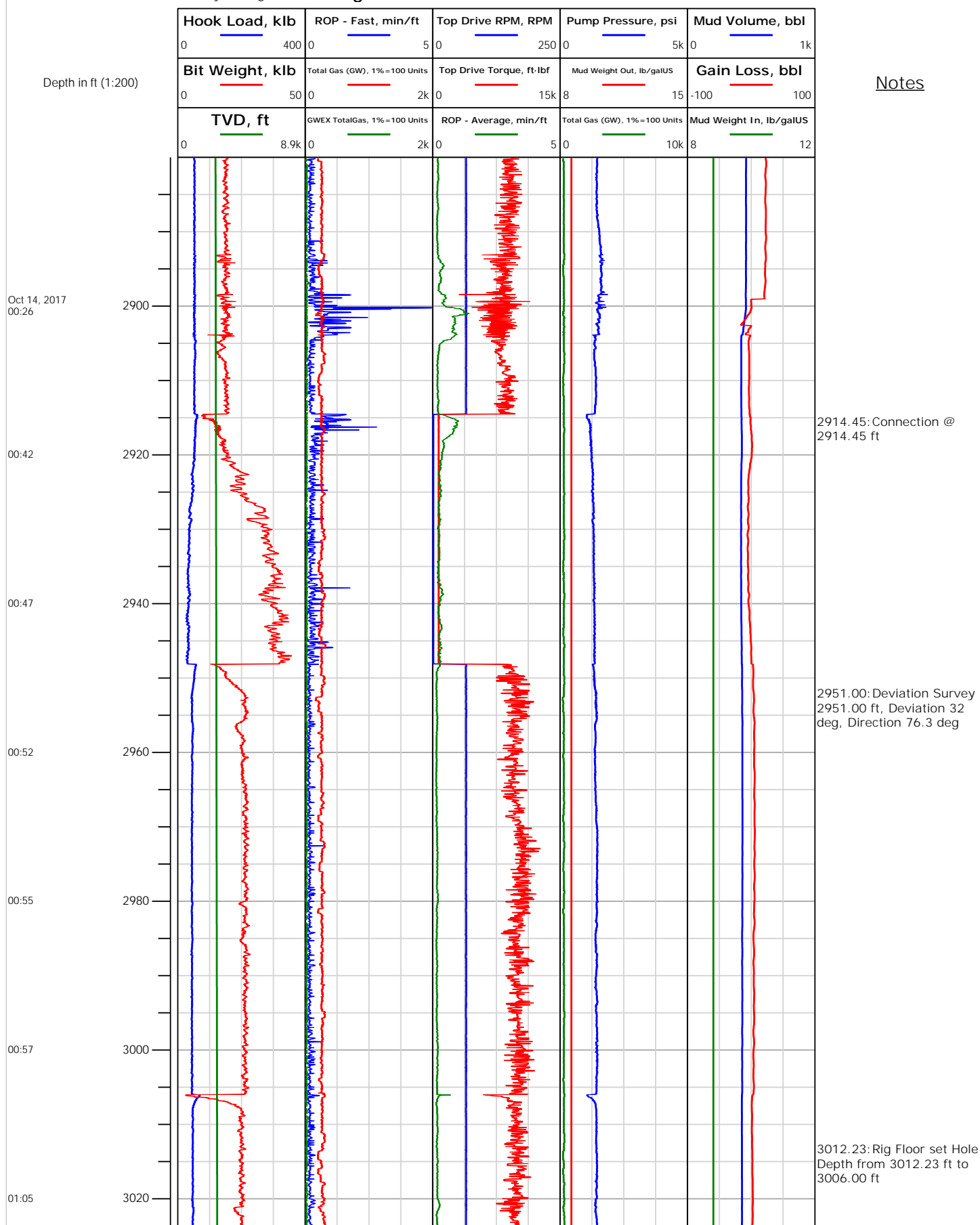
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





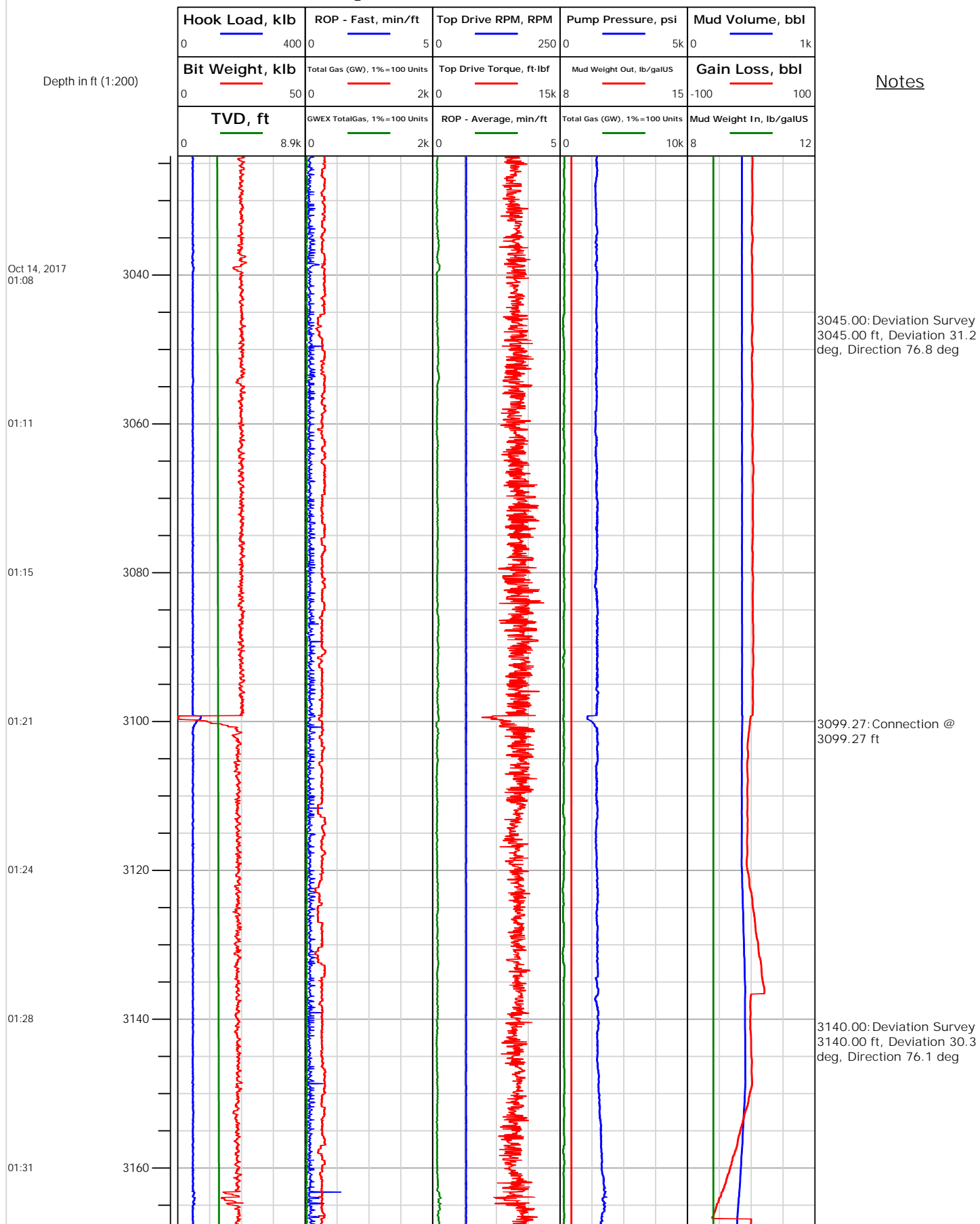
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

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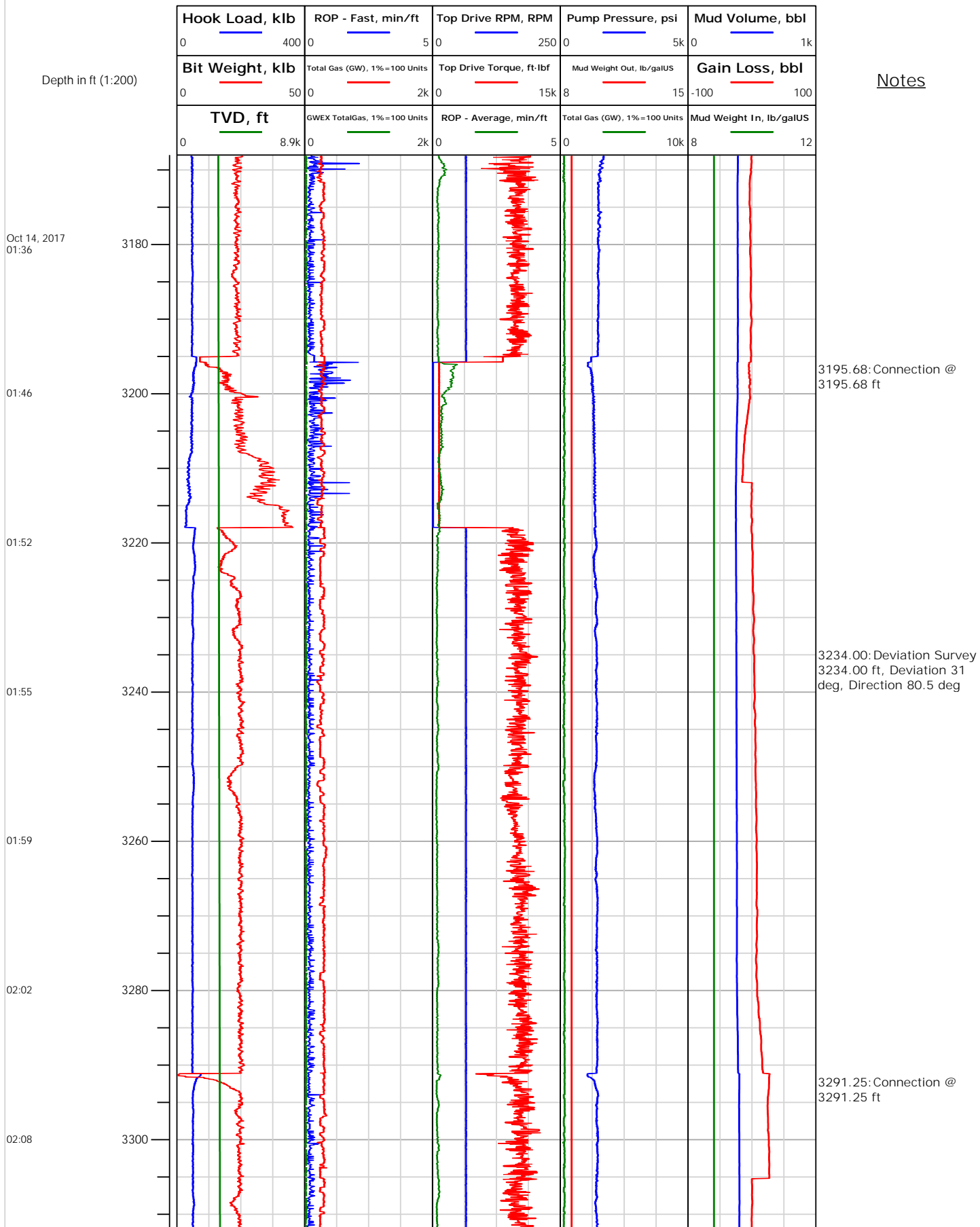
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





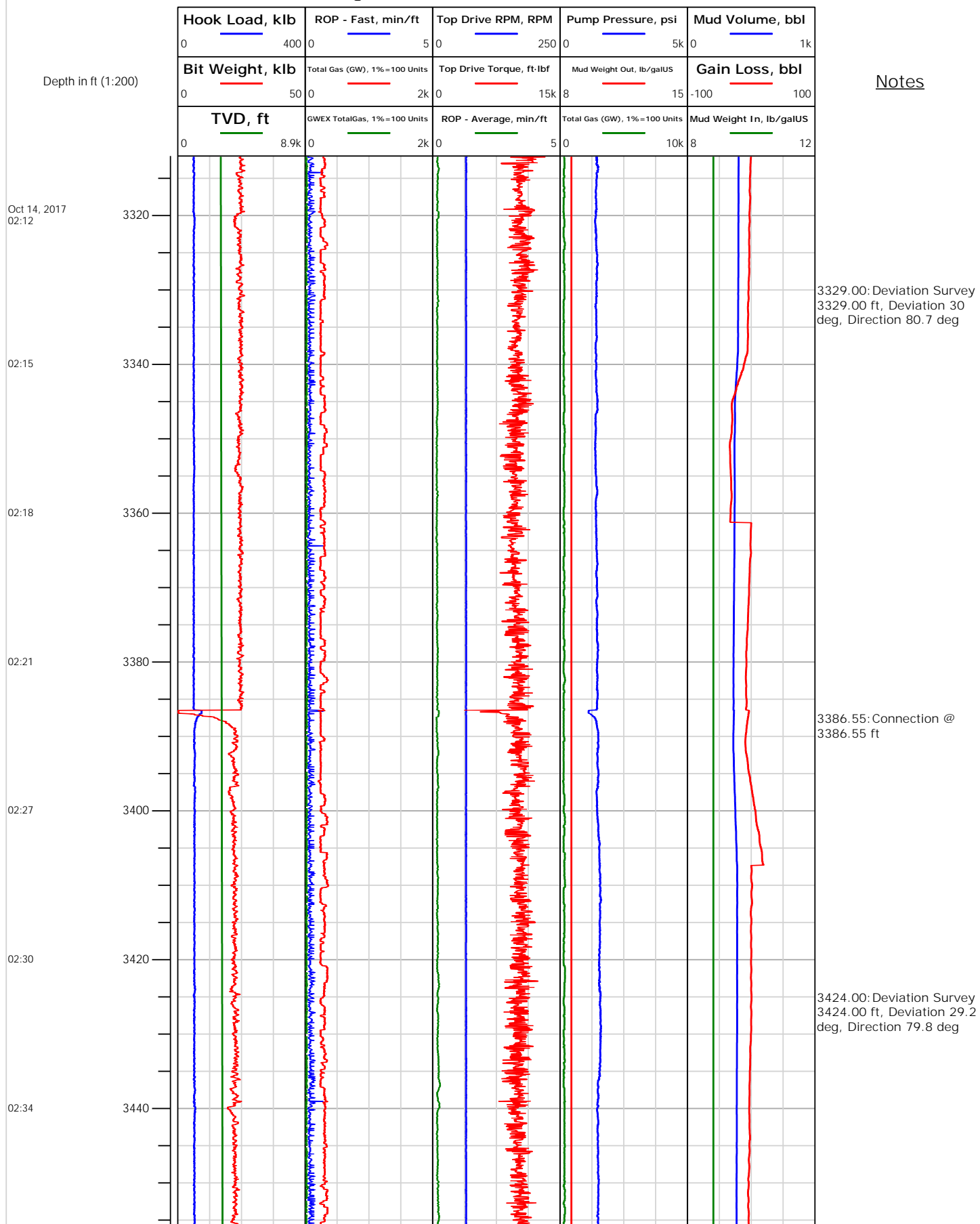
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





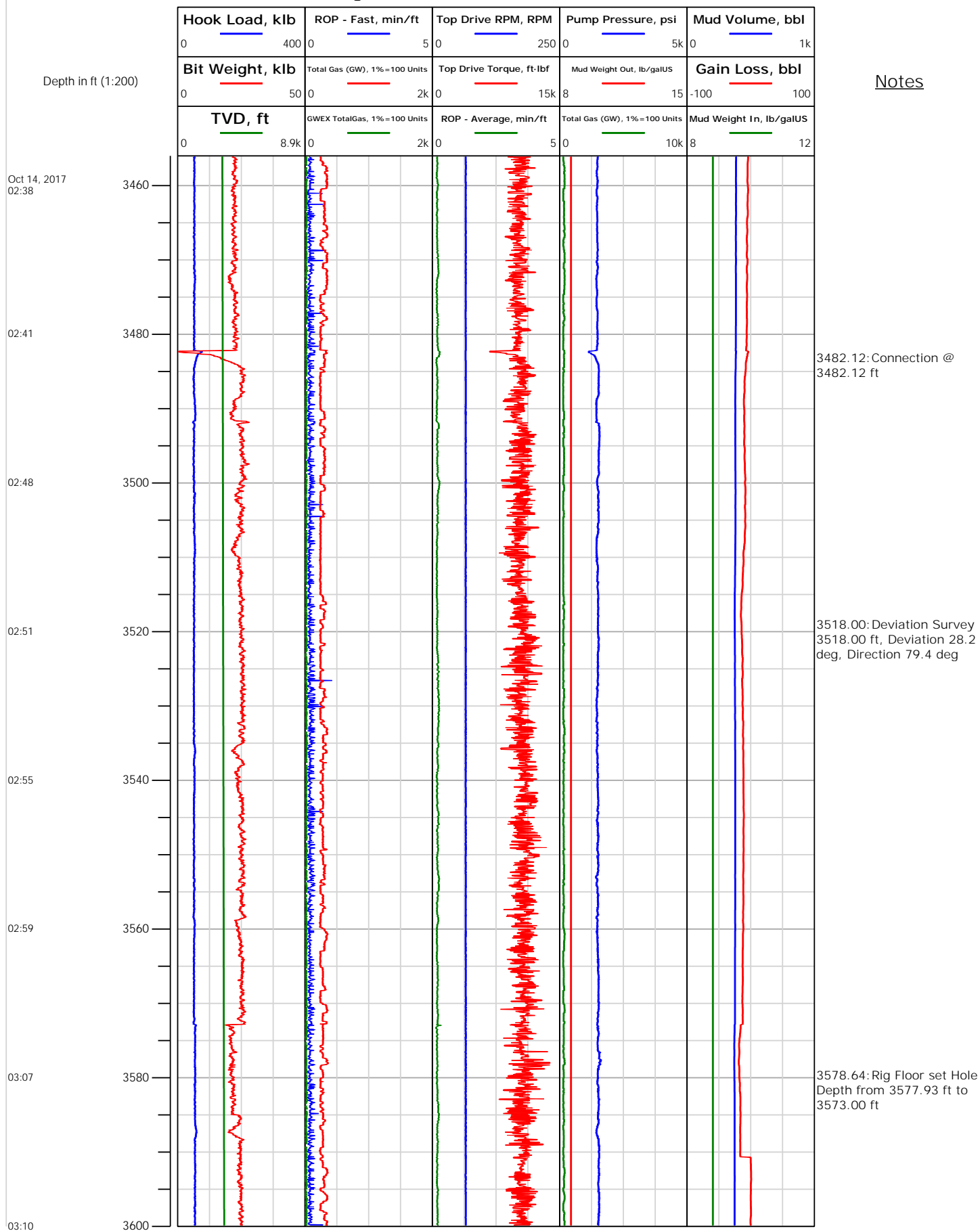
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

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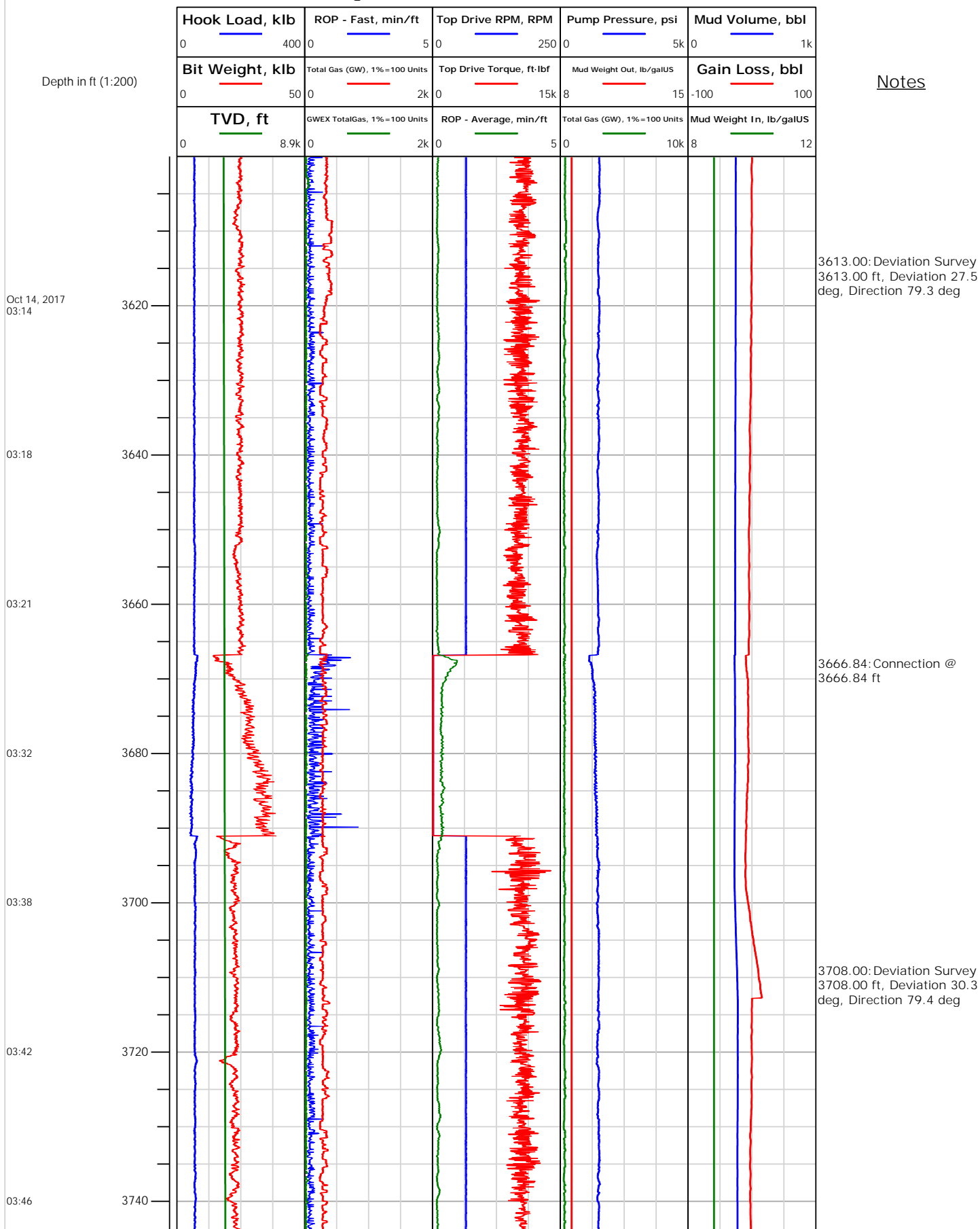
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





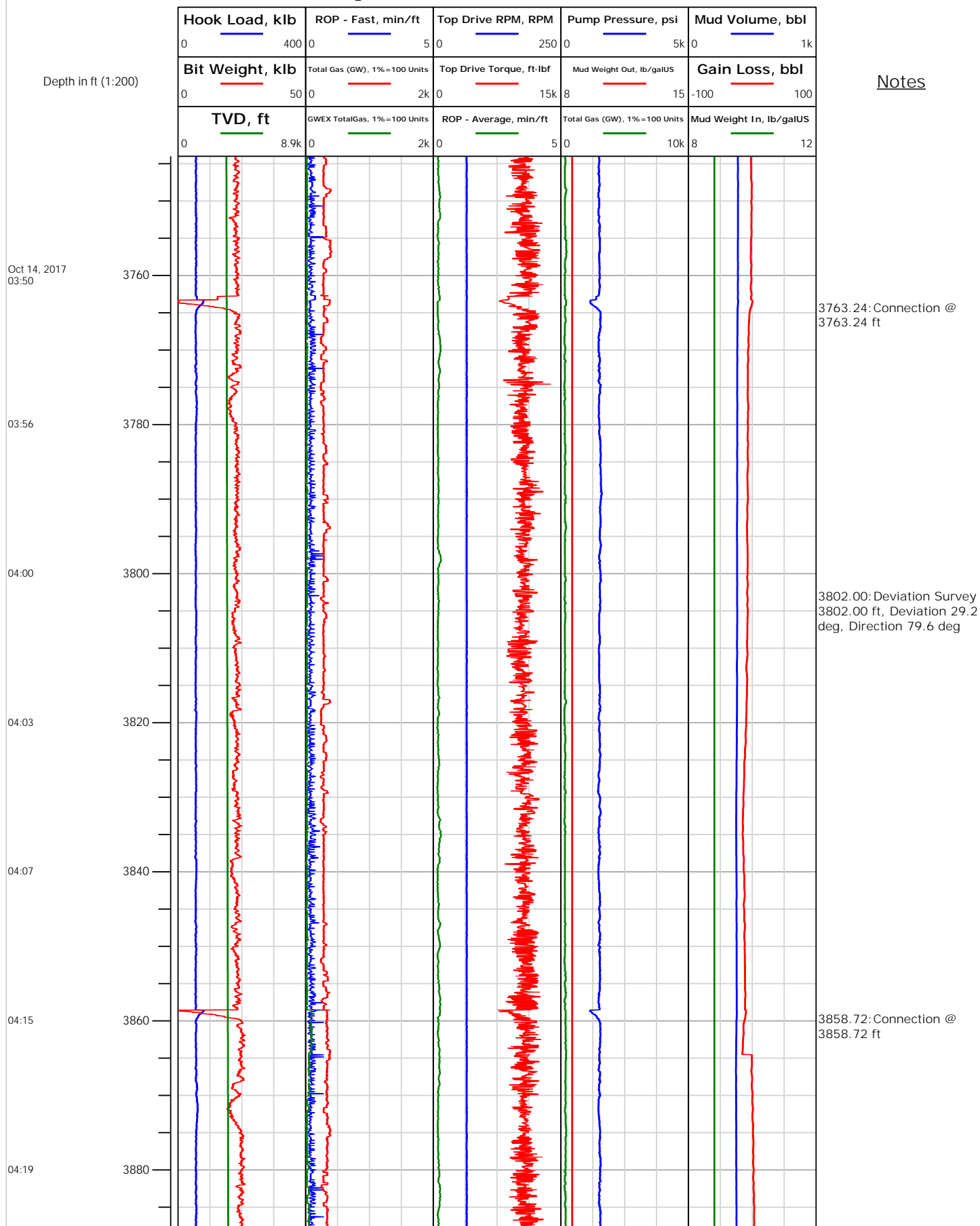
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Contractor: Helmerich & Payne Drlg Co

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Rig: 290

Location:

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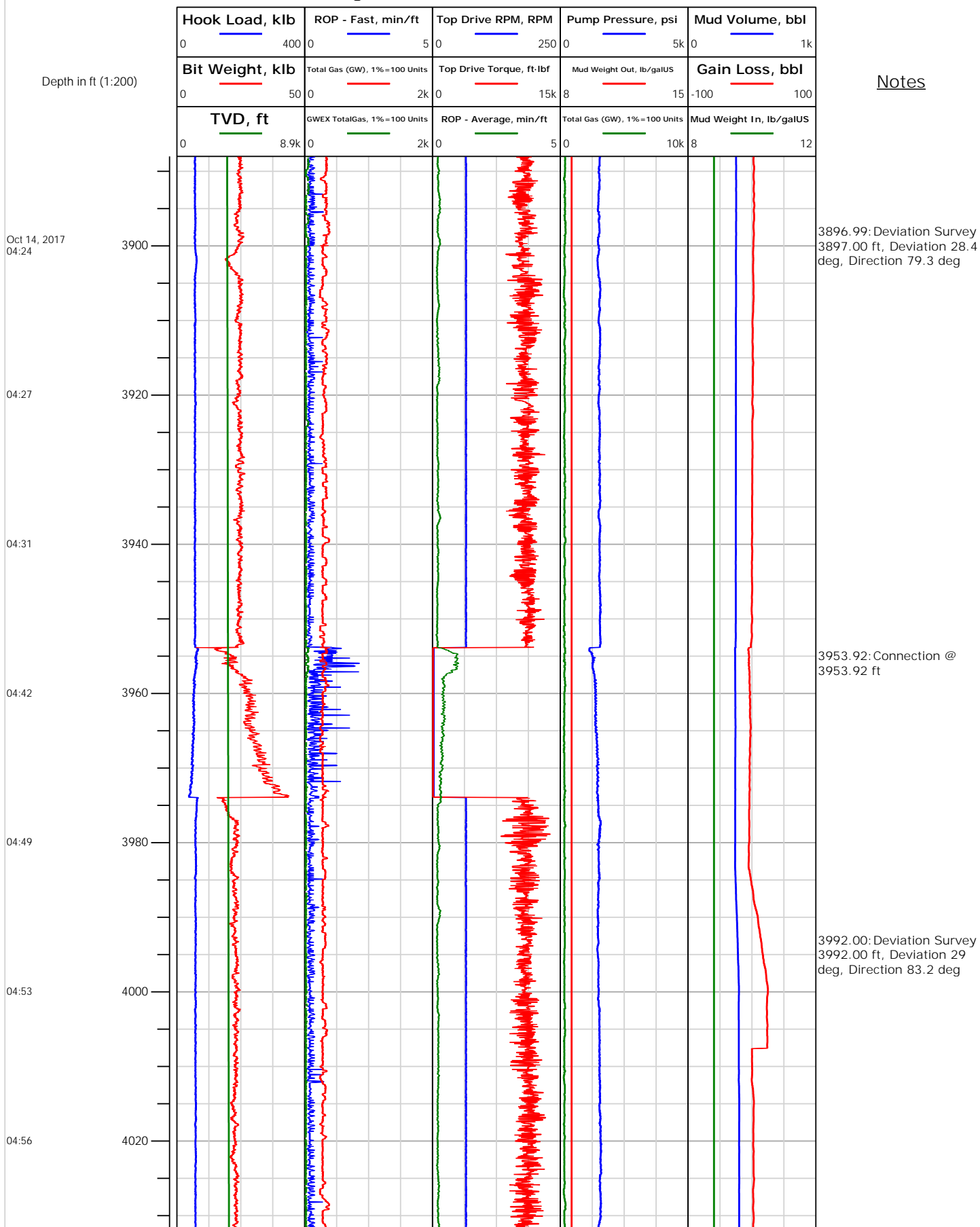
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Contractor: Helmerich & Payne Drlg Co

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Rig: 290

Location:

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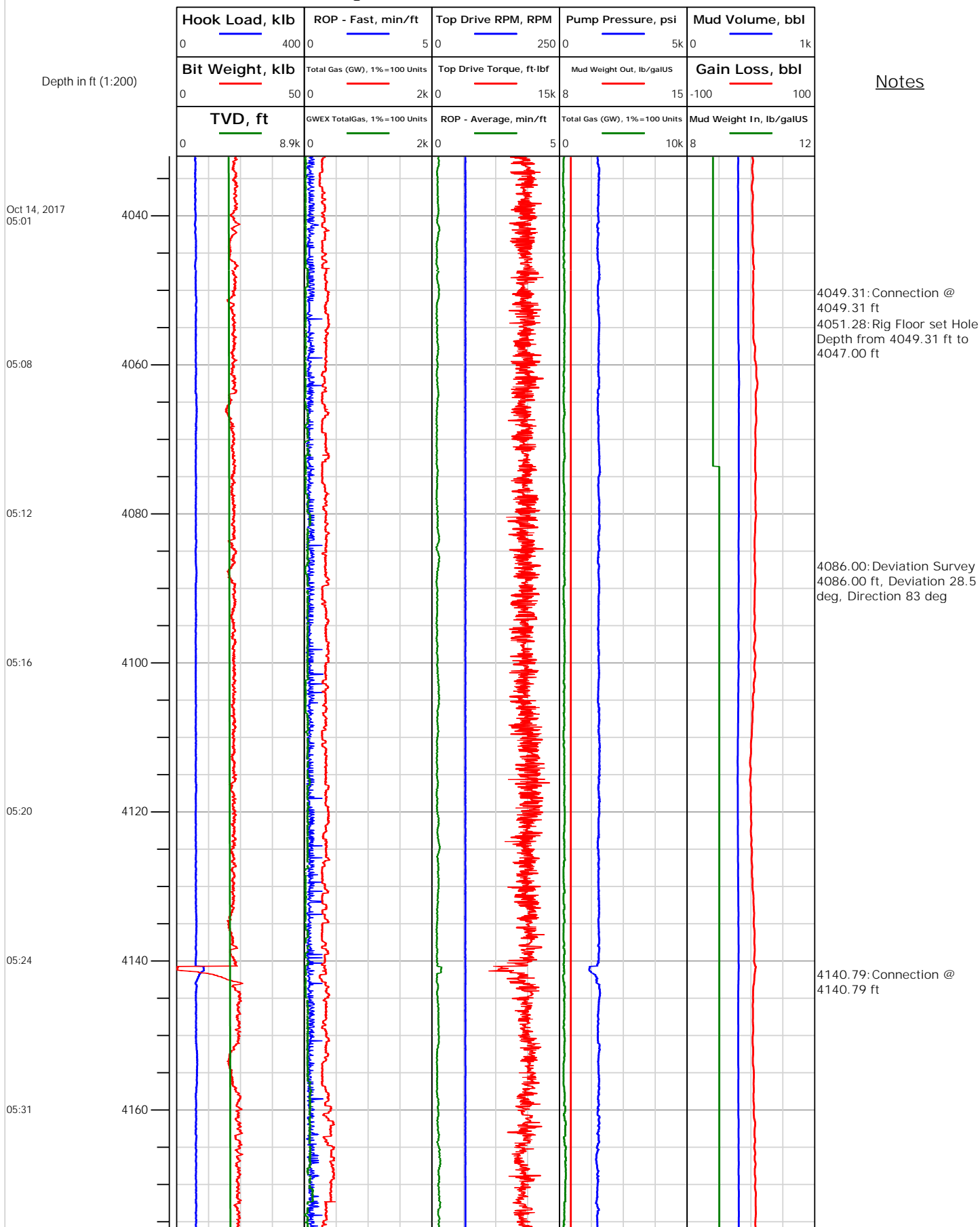
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Contractor: Helmerich & Payne Drlg Co

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Rig: 290

Location:

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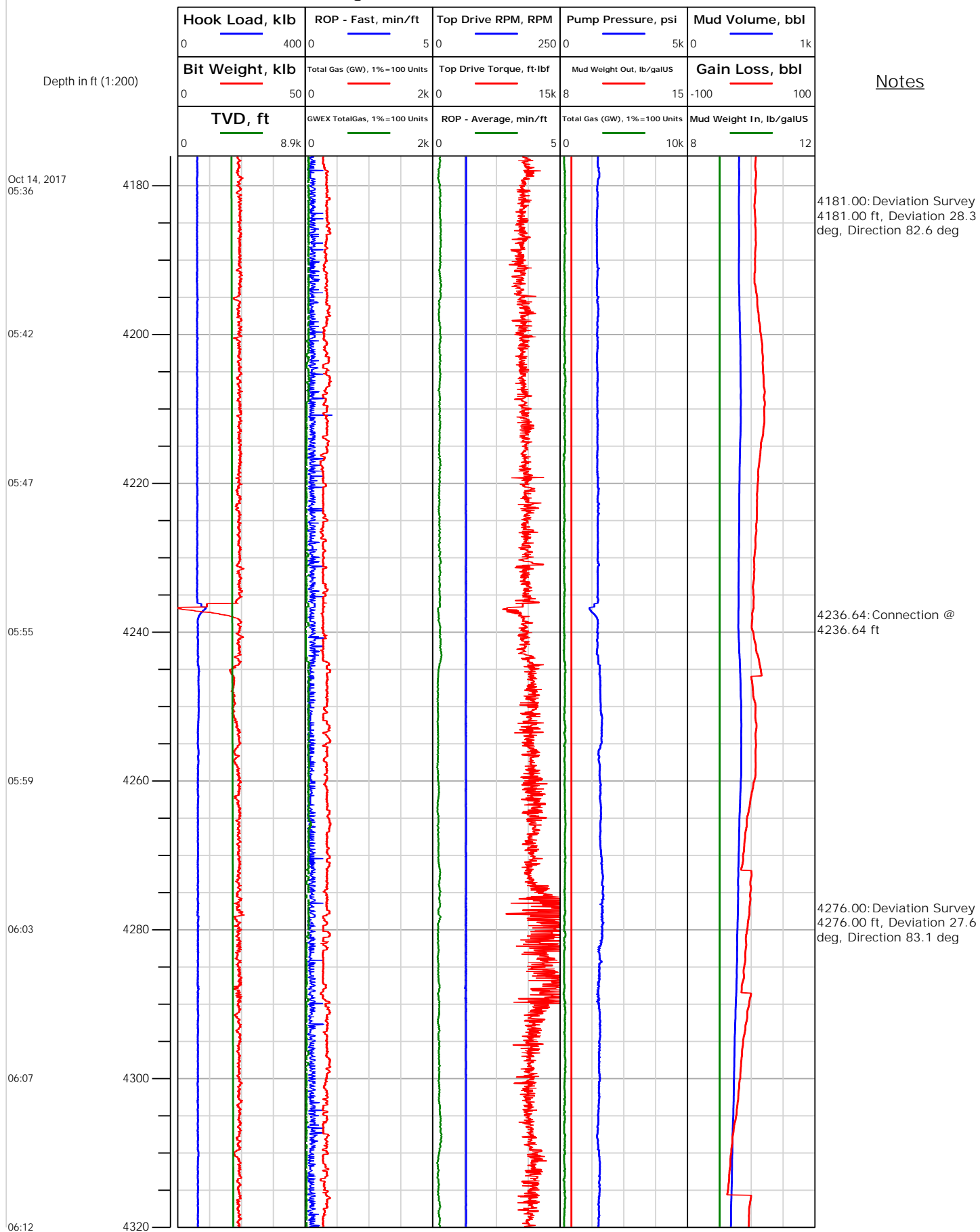
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

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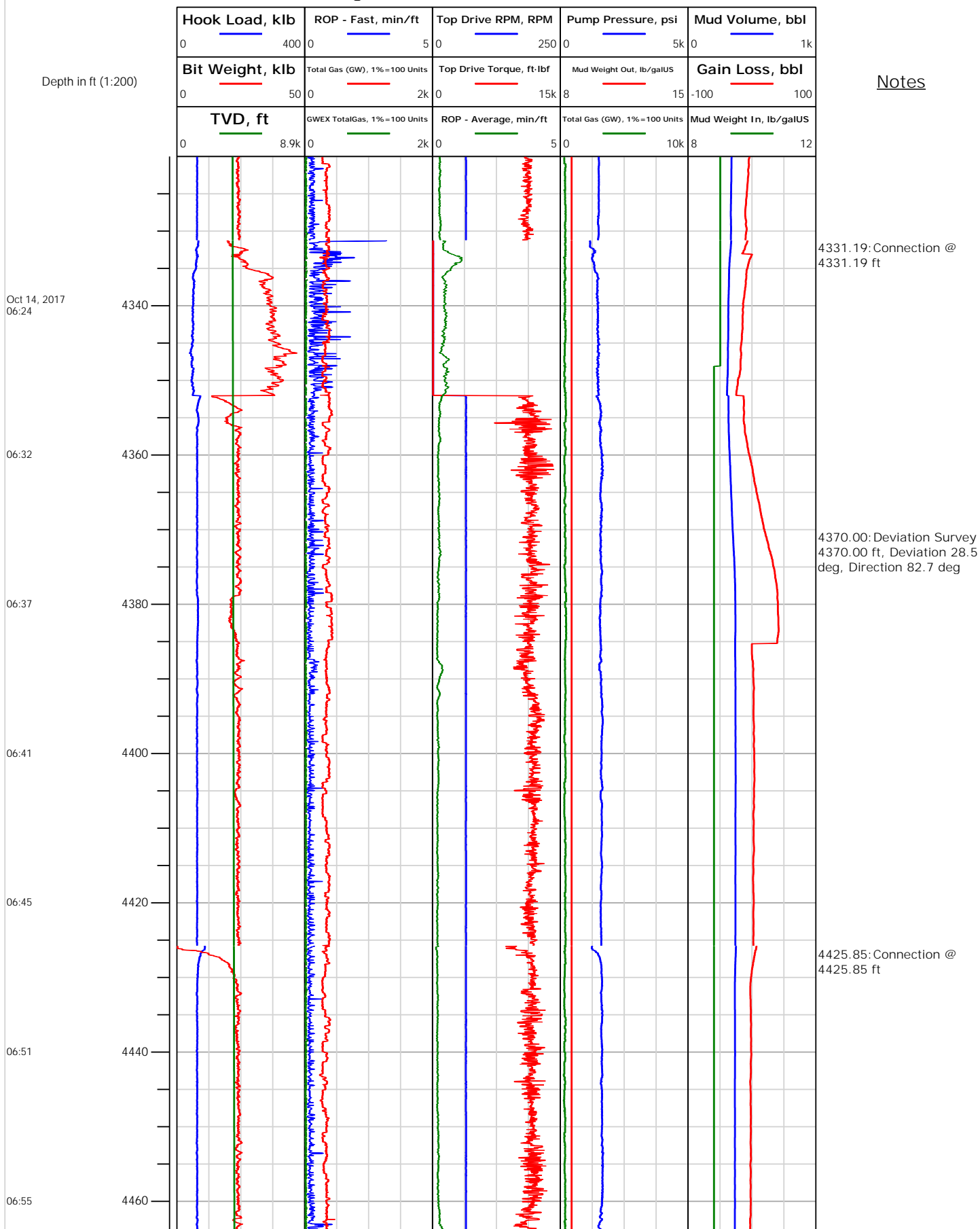
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Contractor: Helmerich & Payne Drlg Co

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Rig: 290

Location:

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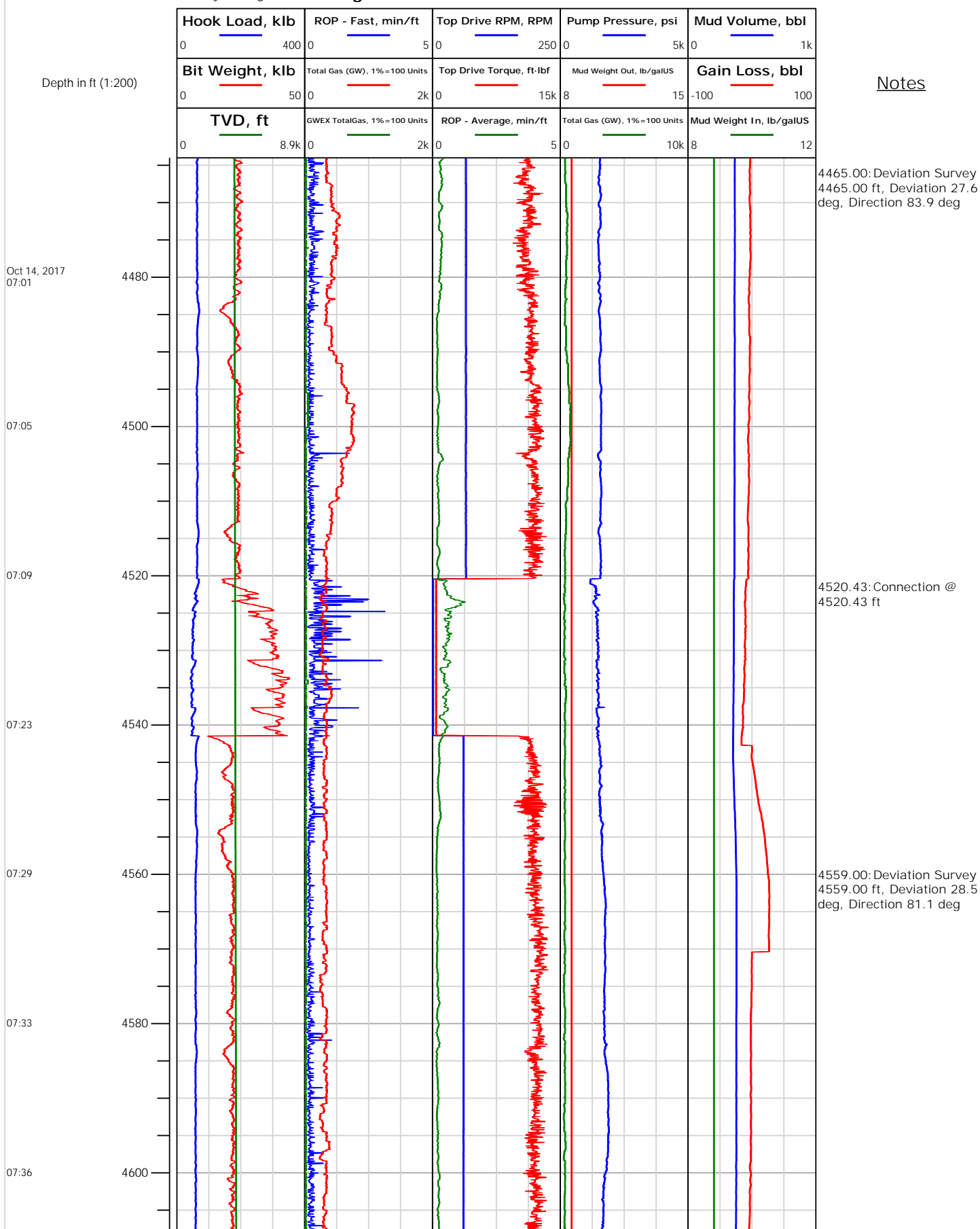
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

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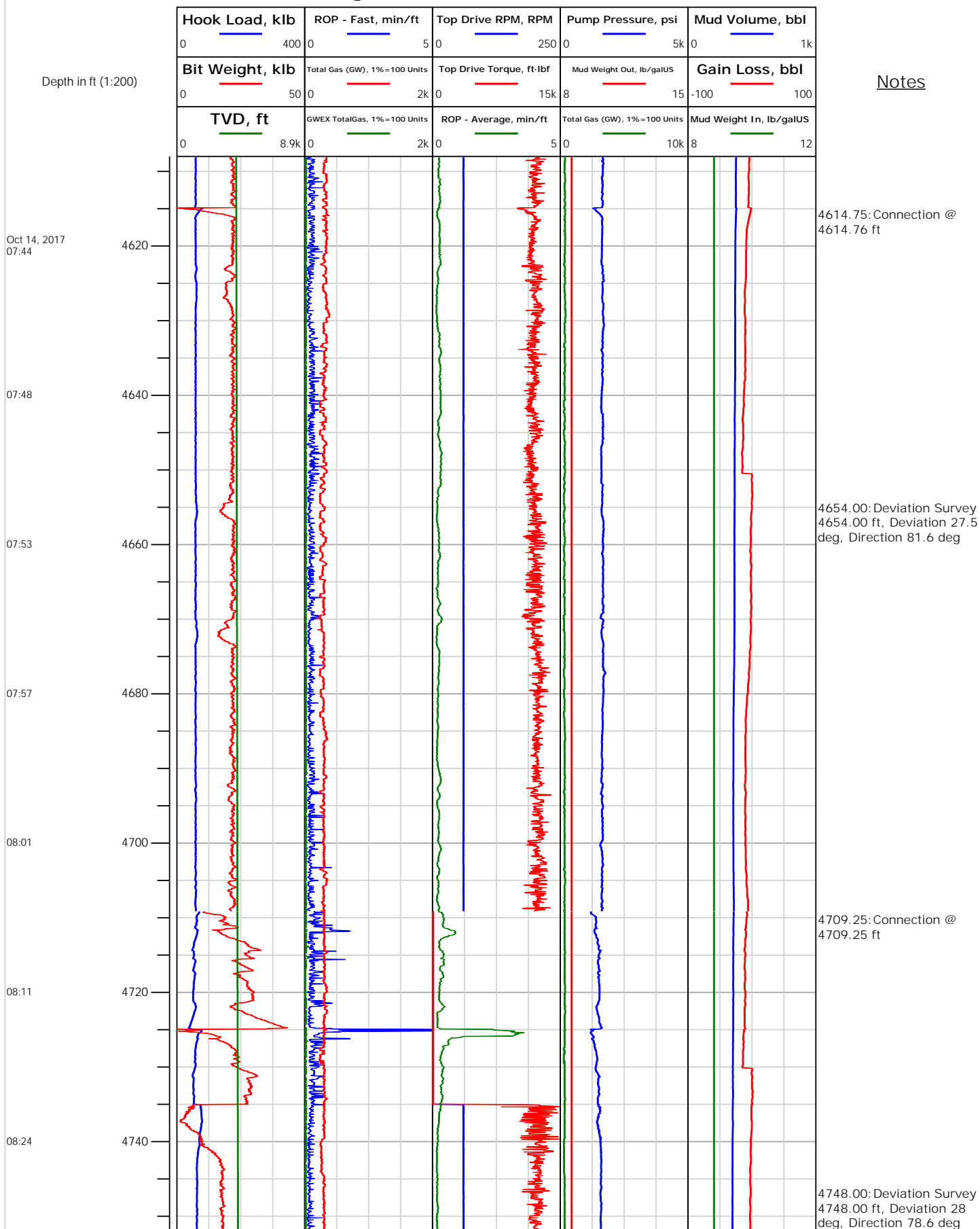
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Contractor: Helmerich & Payne Drlg Co

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Rig: 290

Location:

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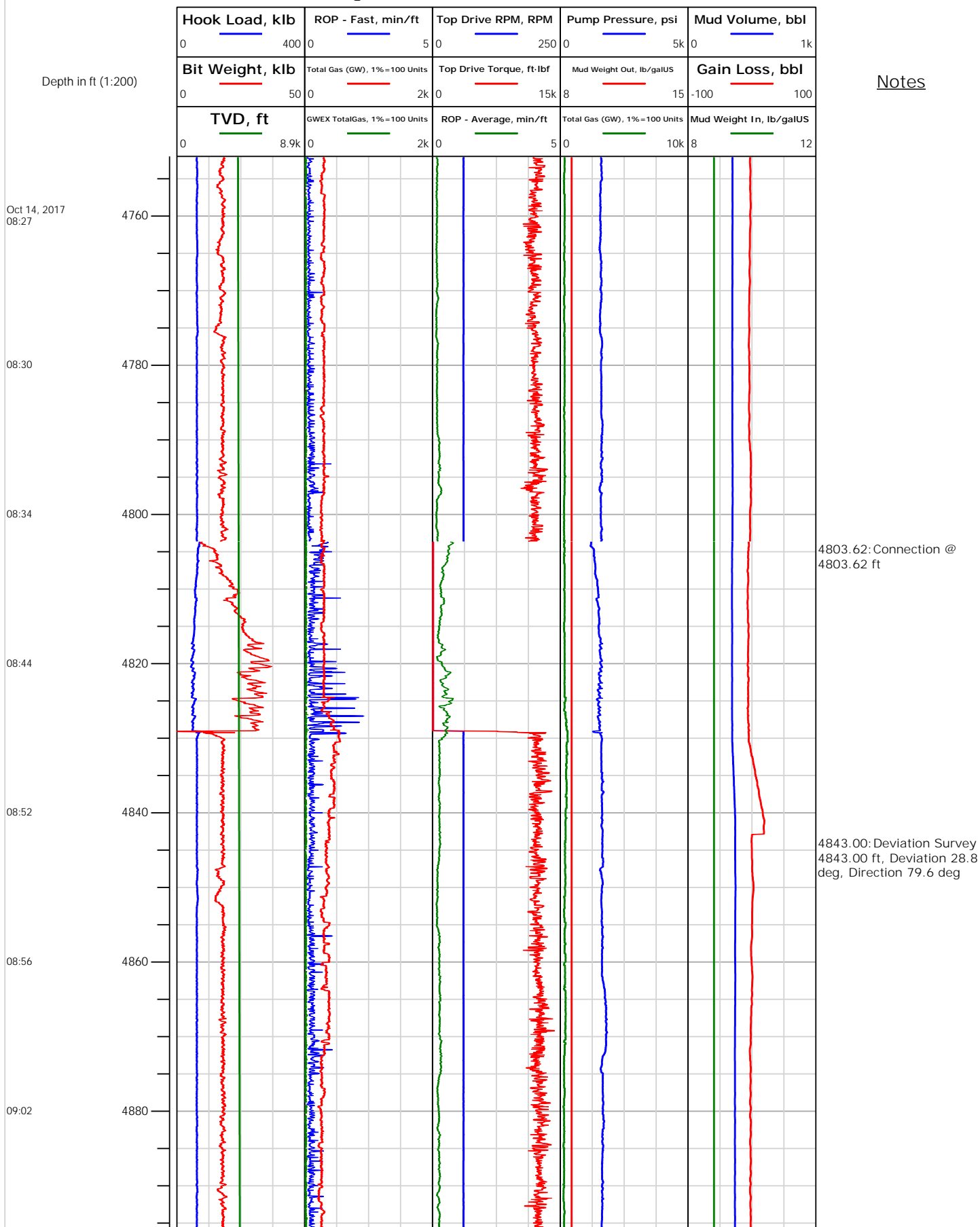
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Location:

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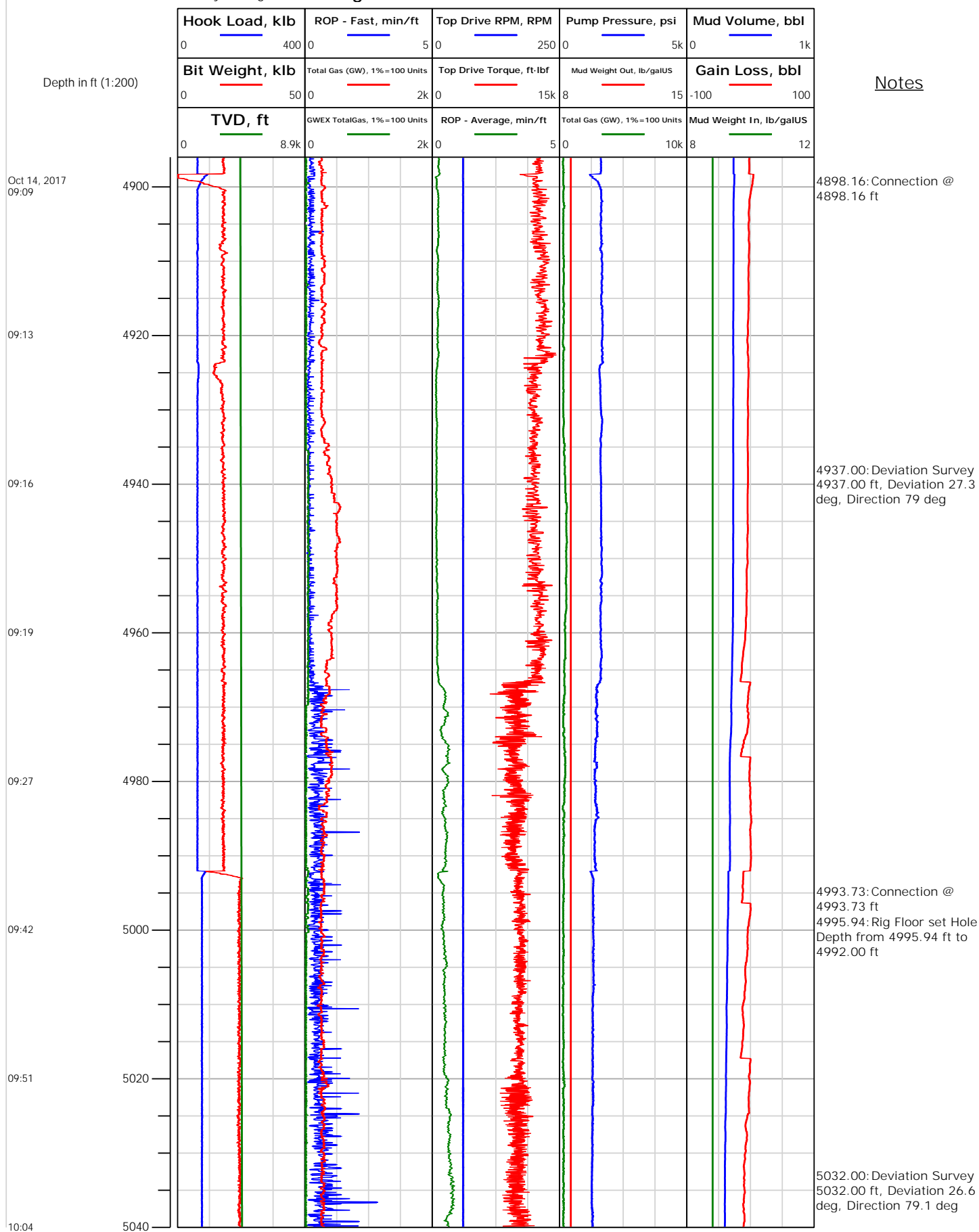
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Contractor: Helmerich & Payne Drlg Co

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Rig: 290

Location:

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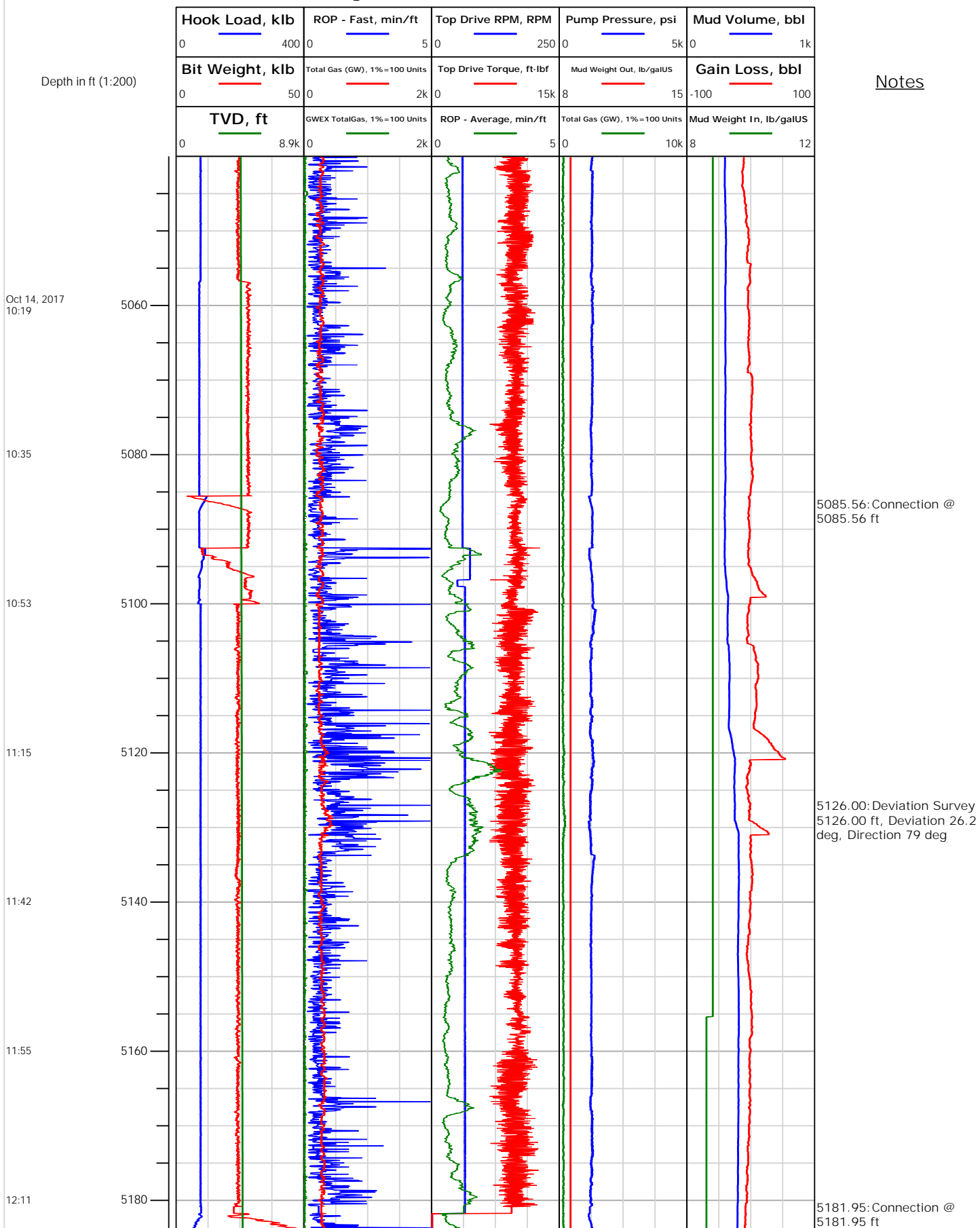
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

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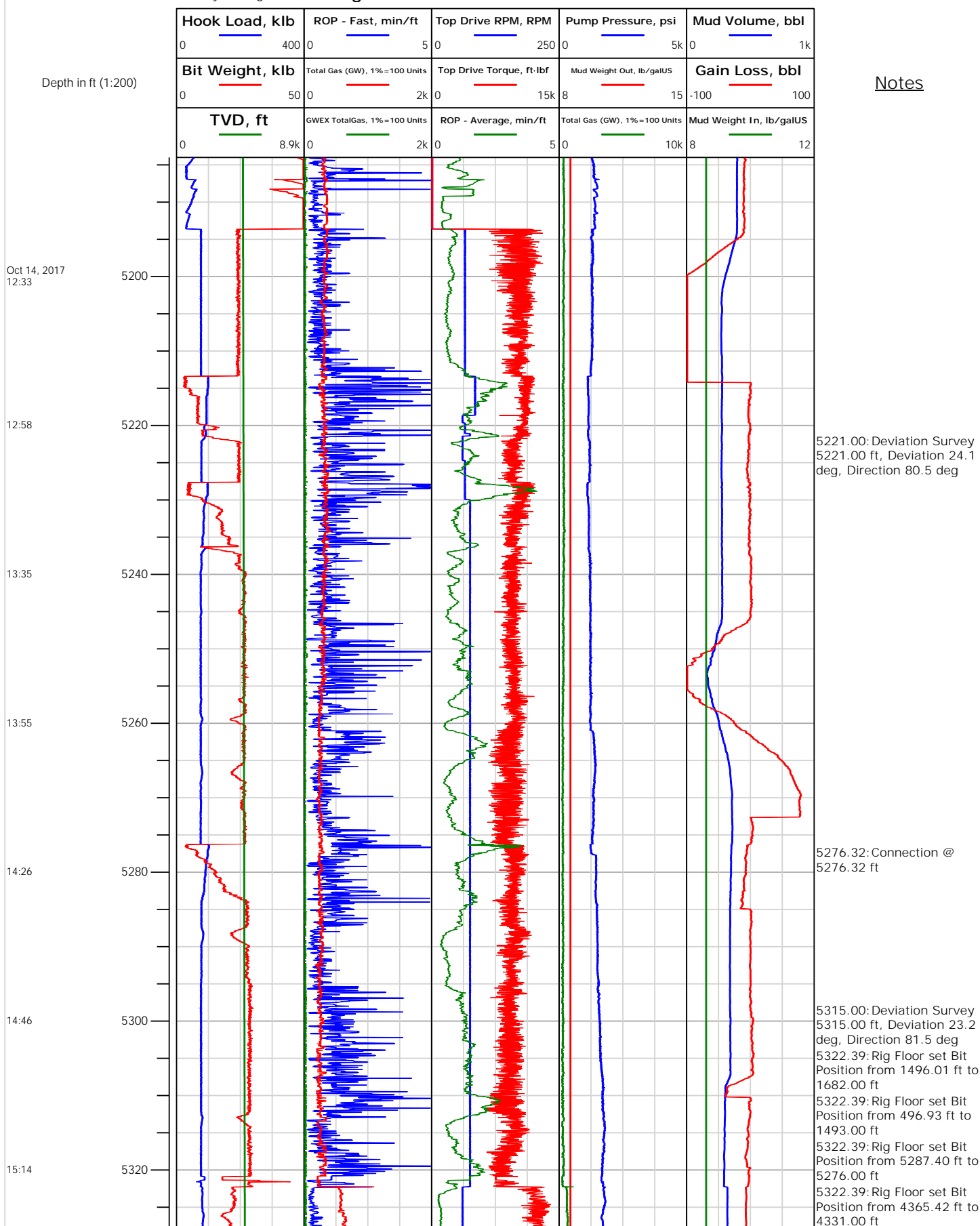
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





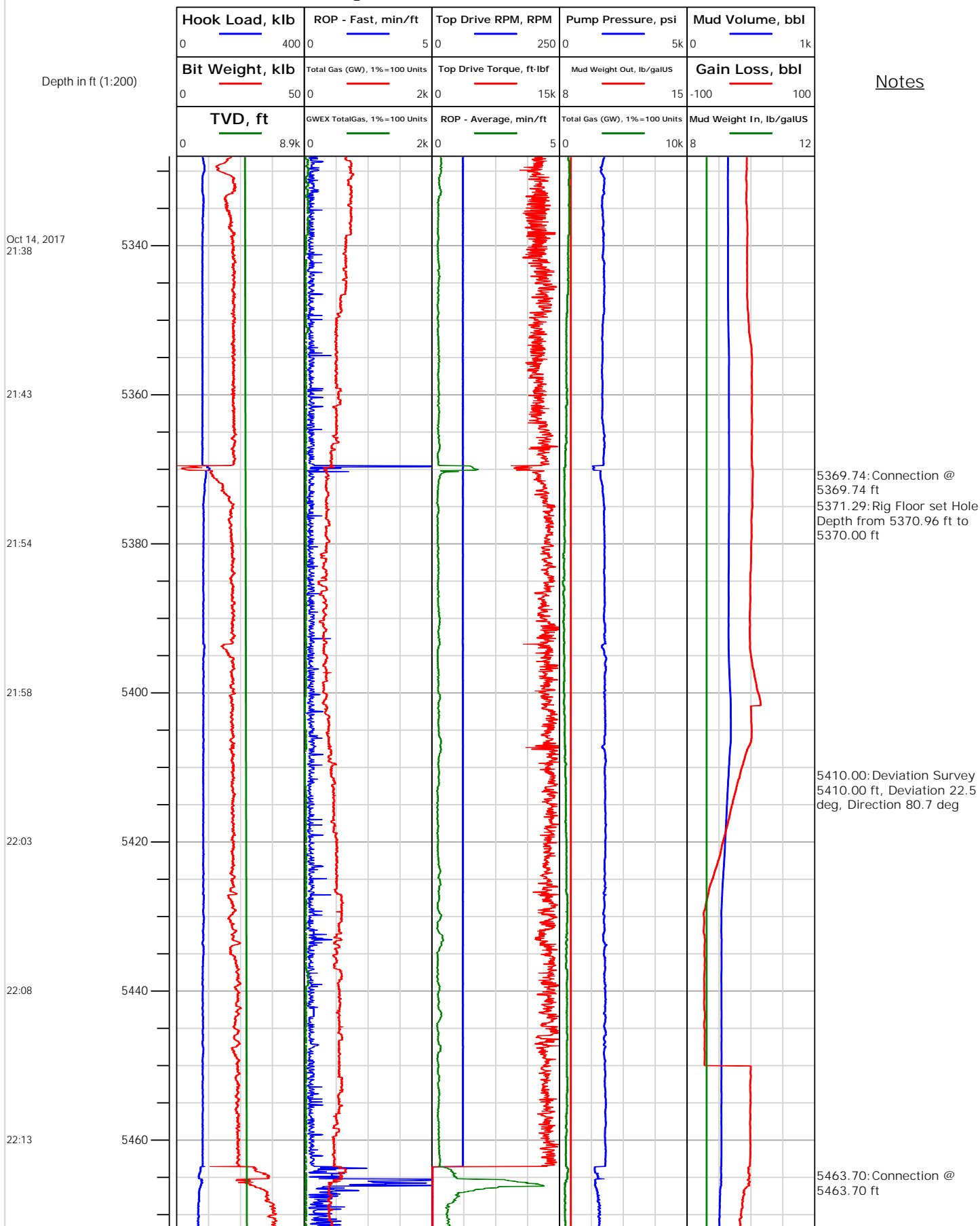
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





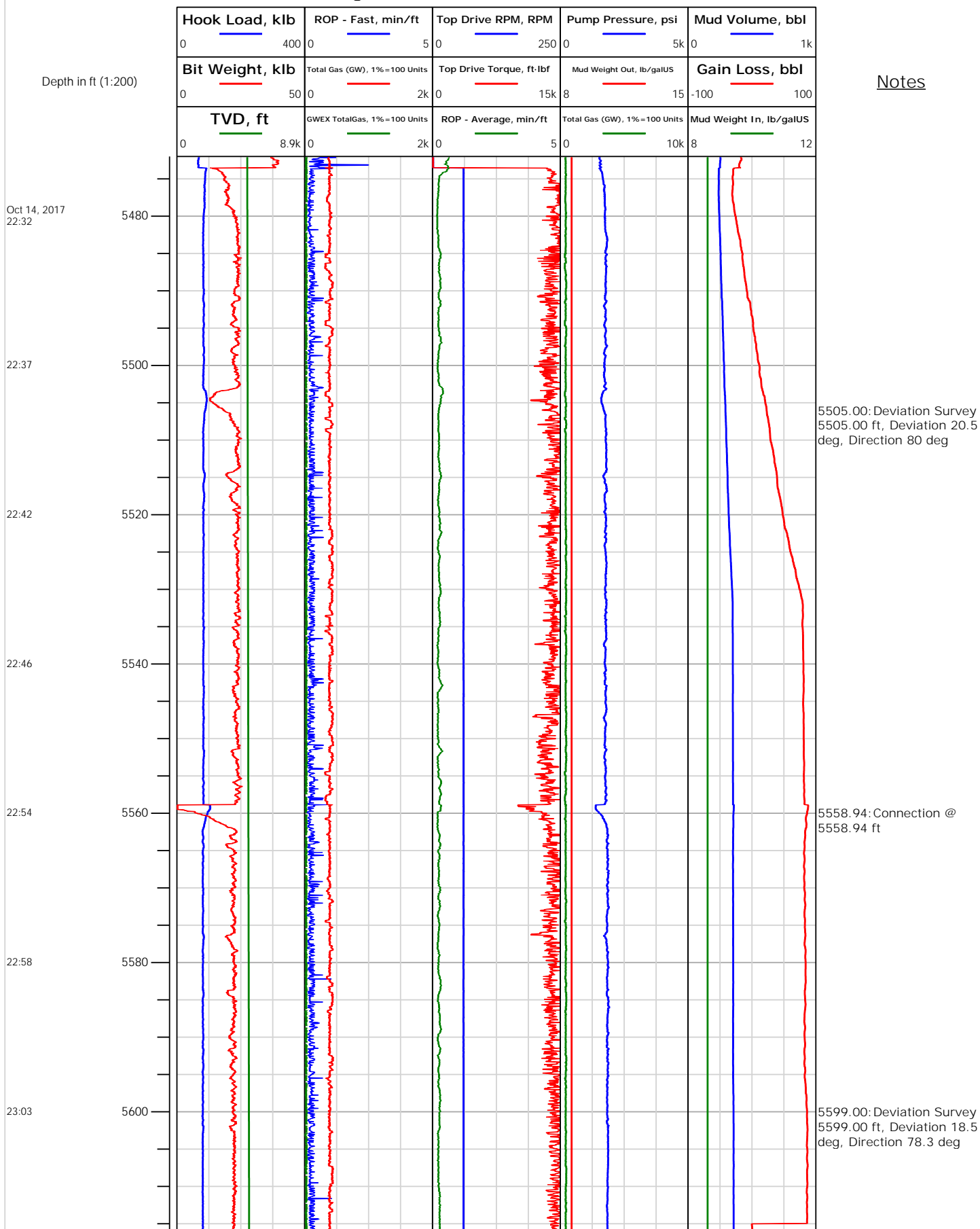
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

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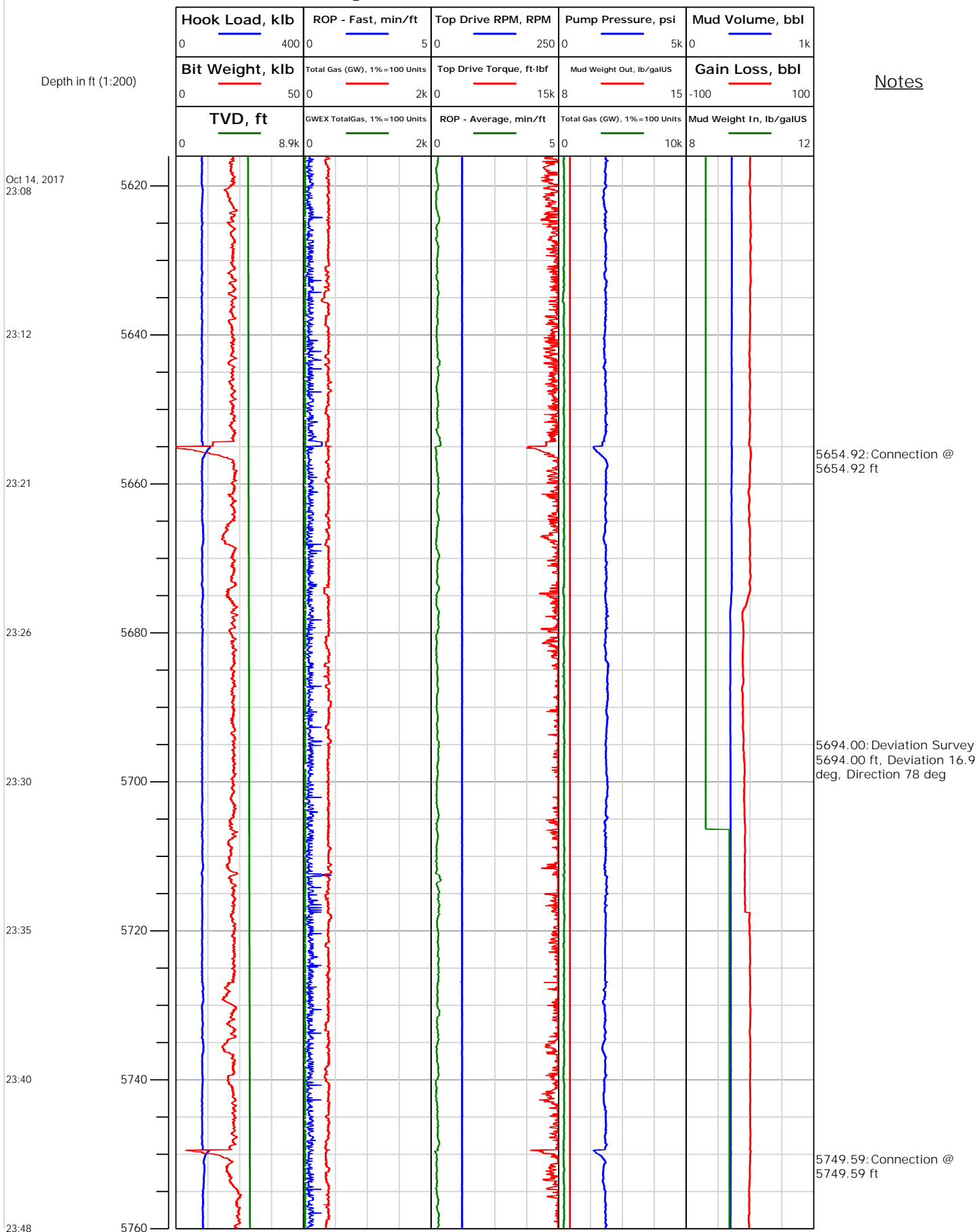
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

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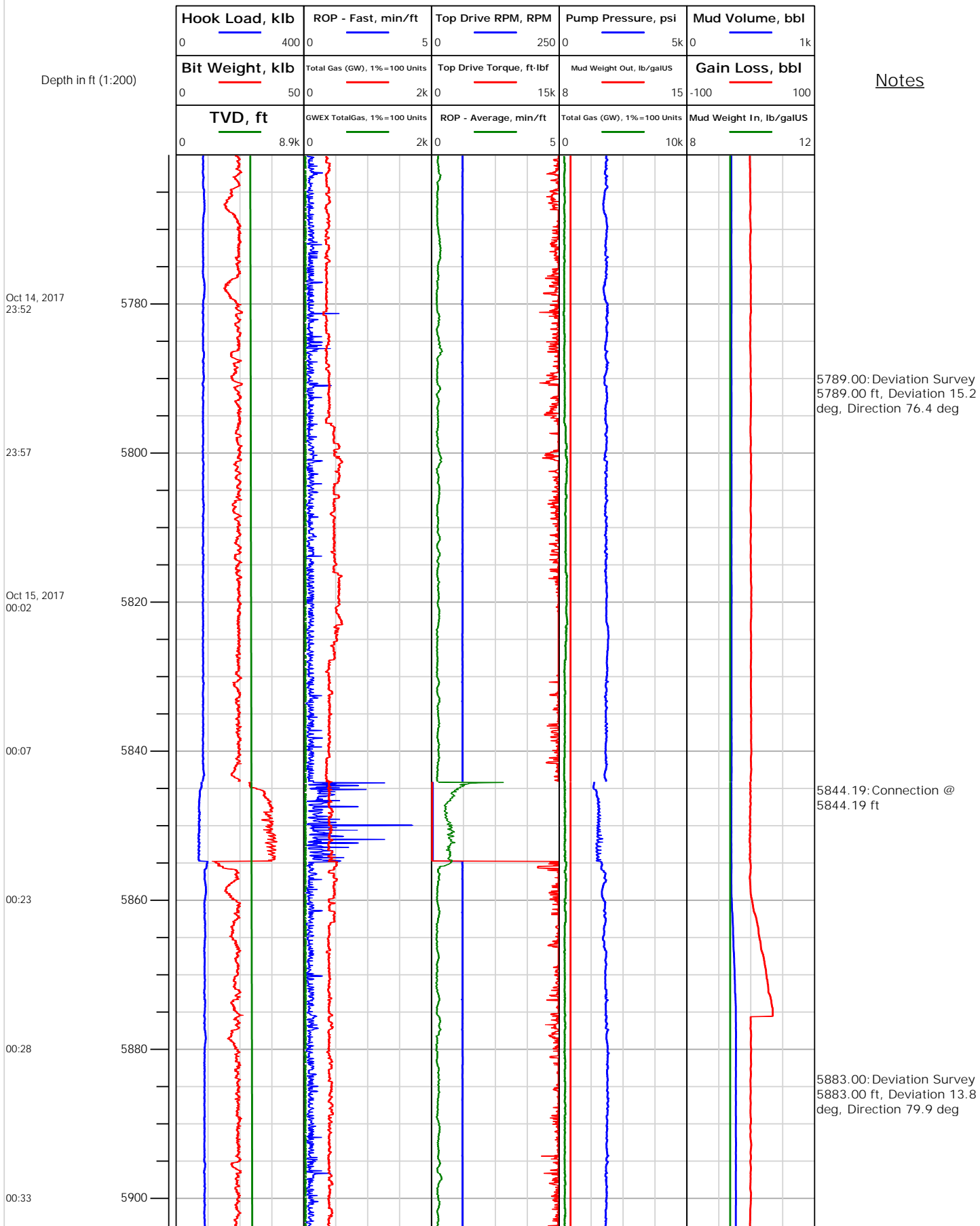
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Contractor: Helmerich & Payne Drlg Co

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Rig: 290

Location:

Notes





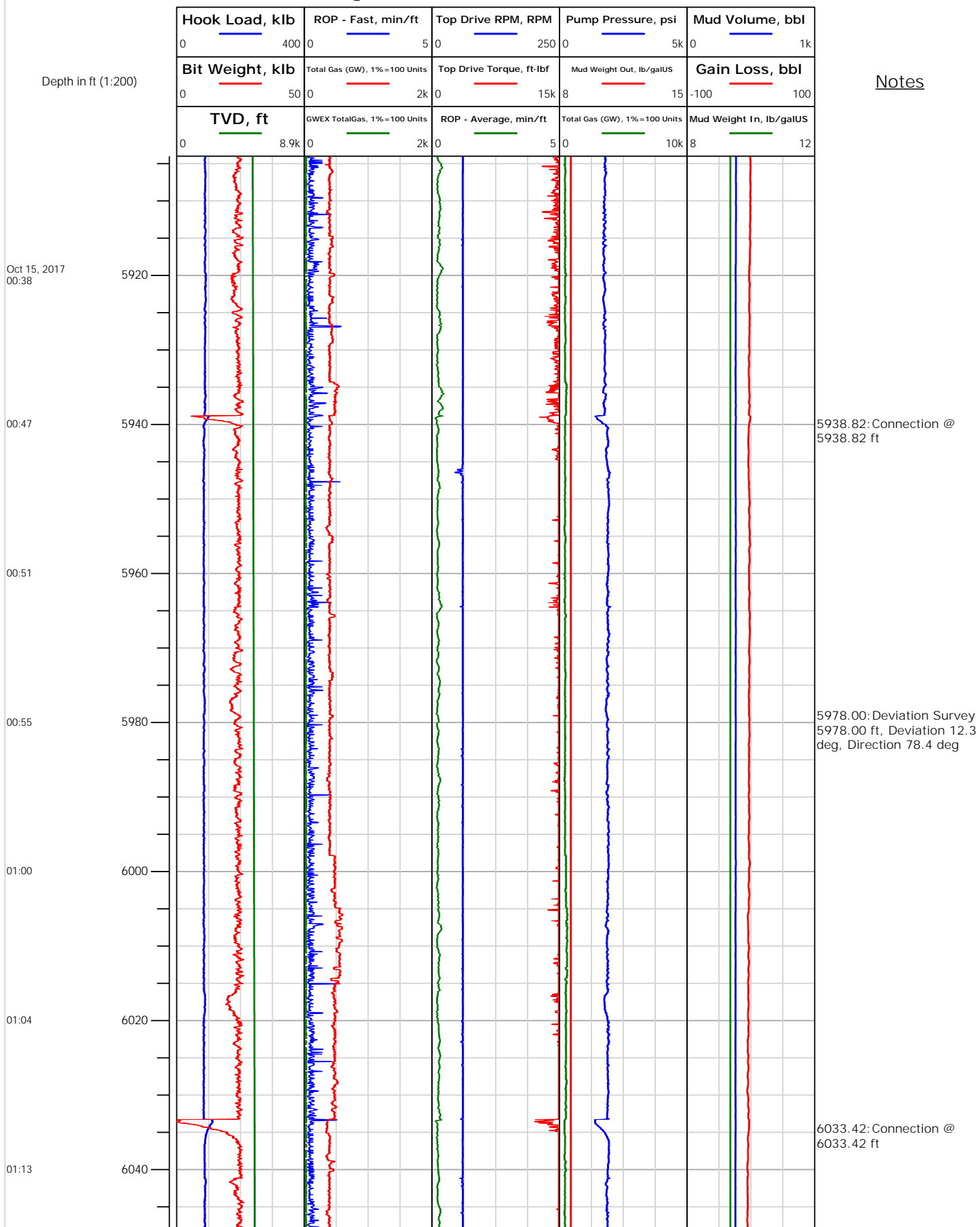
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





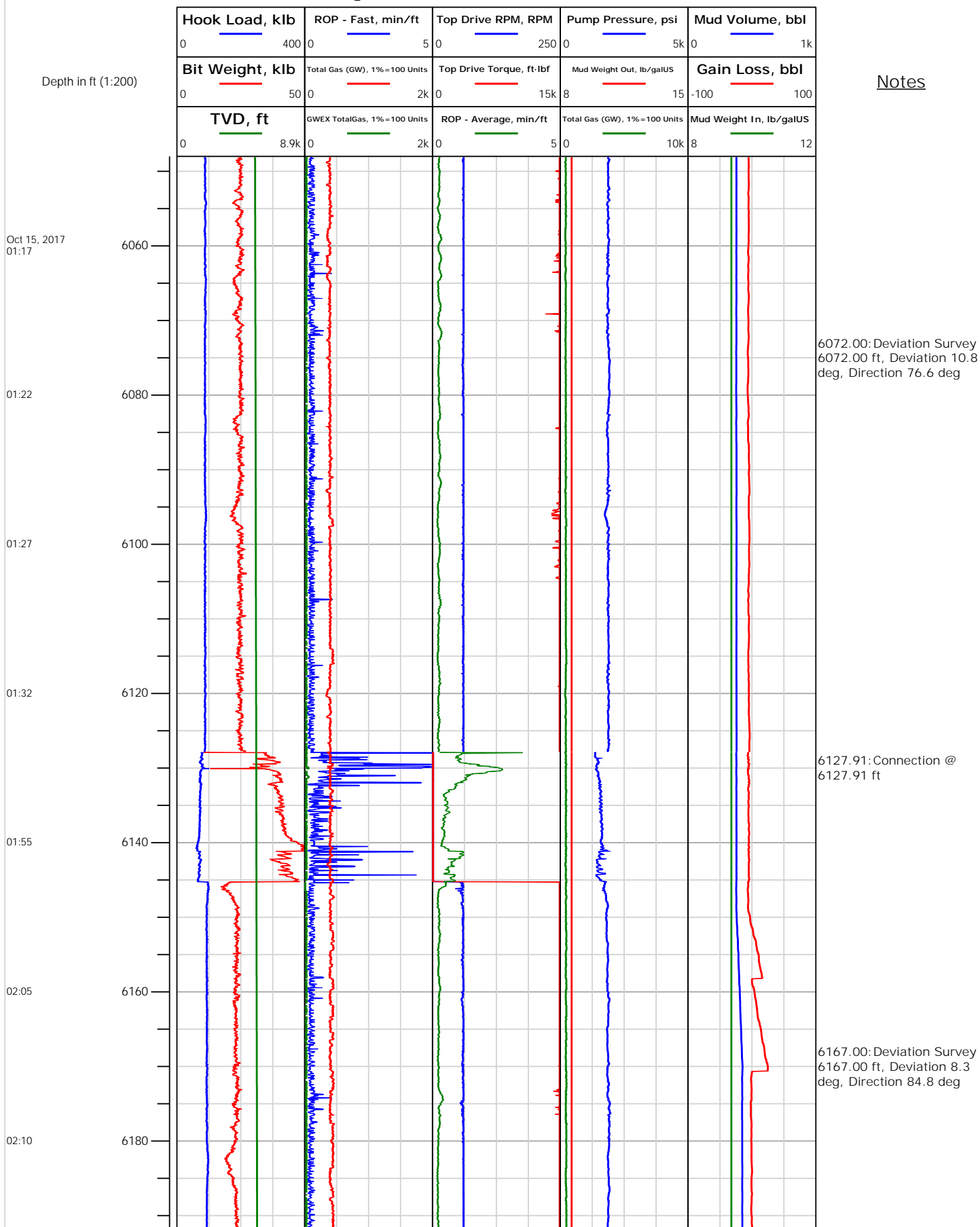
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





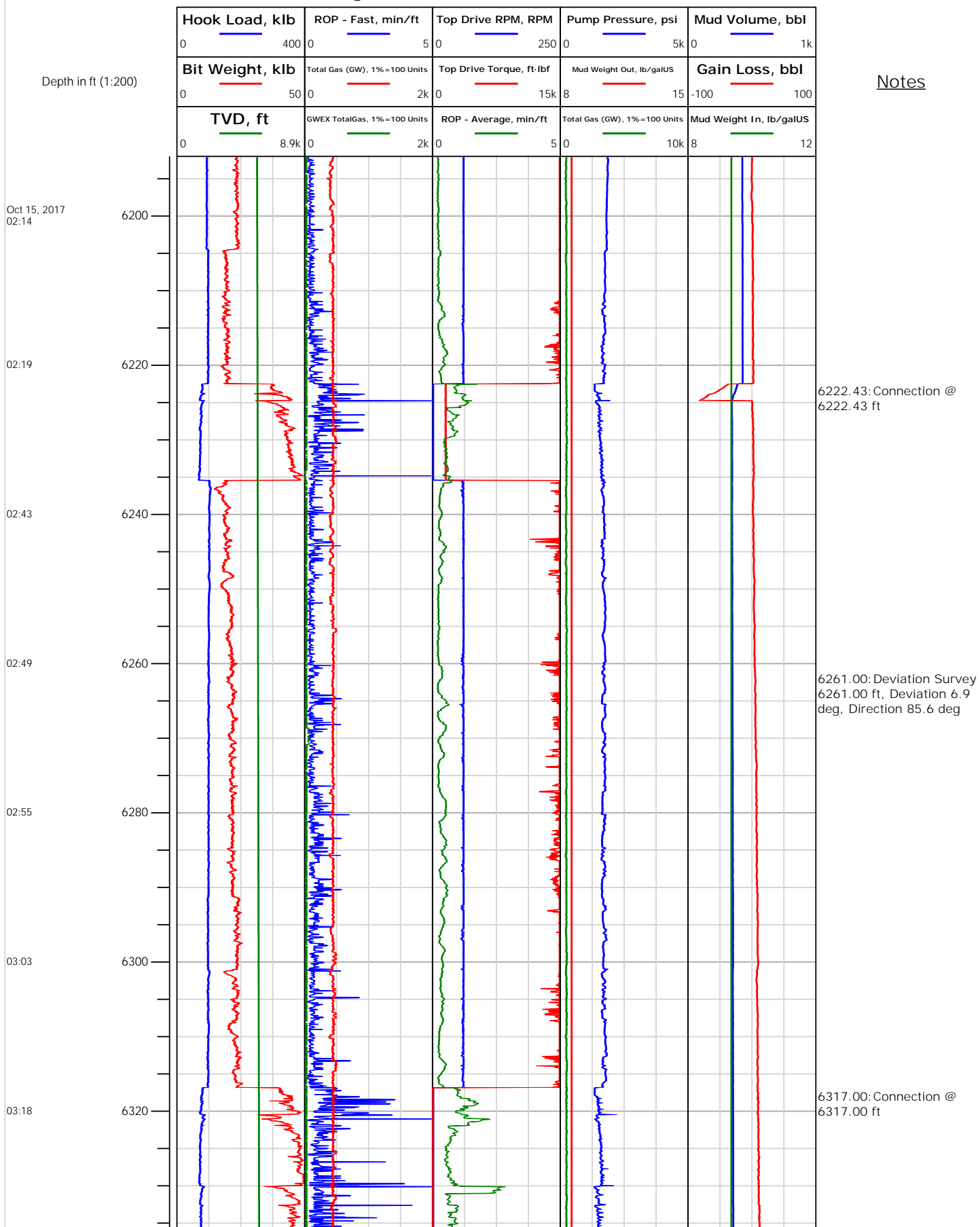
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





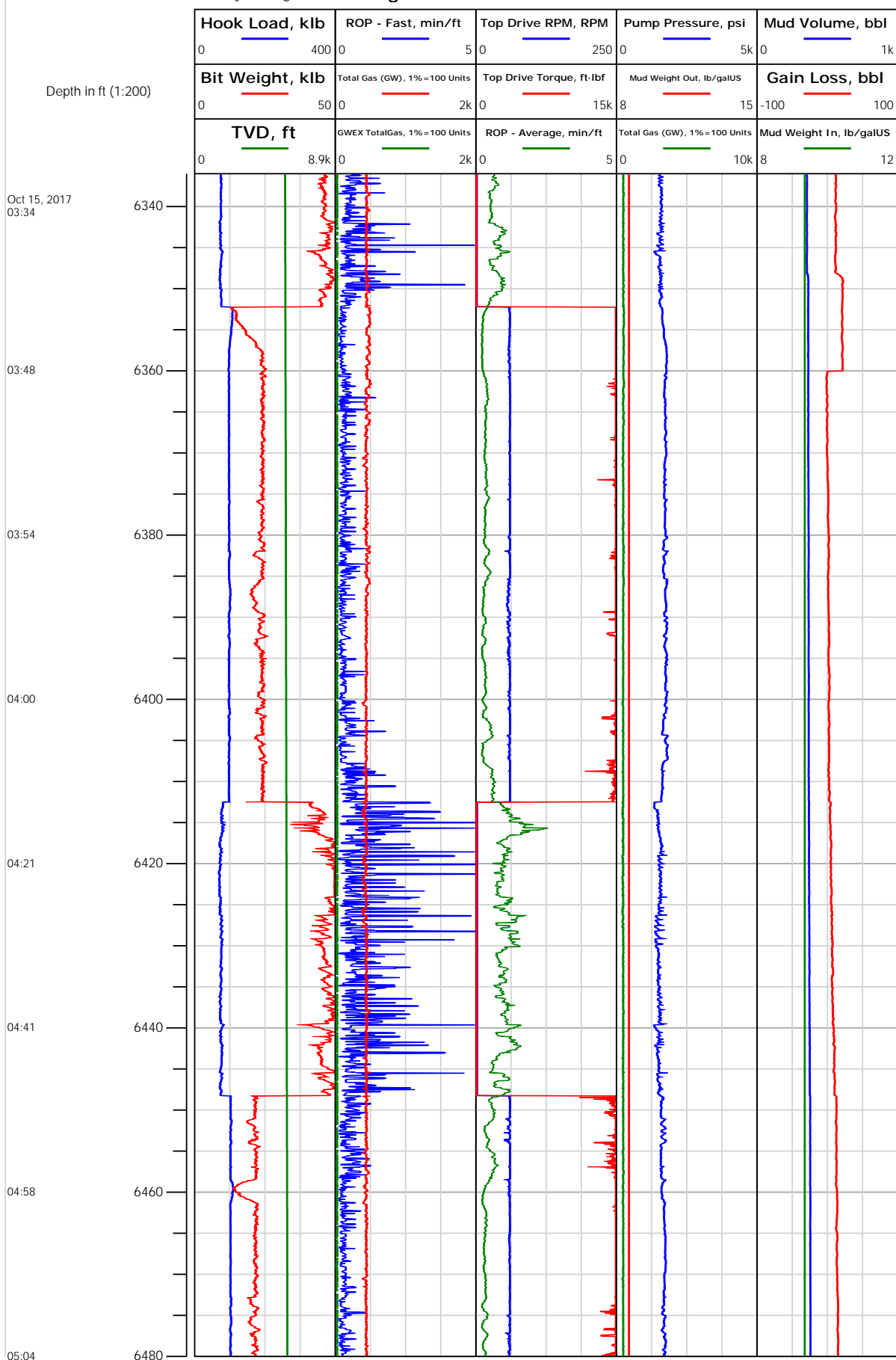
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Rig: 290

Location:

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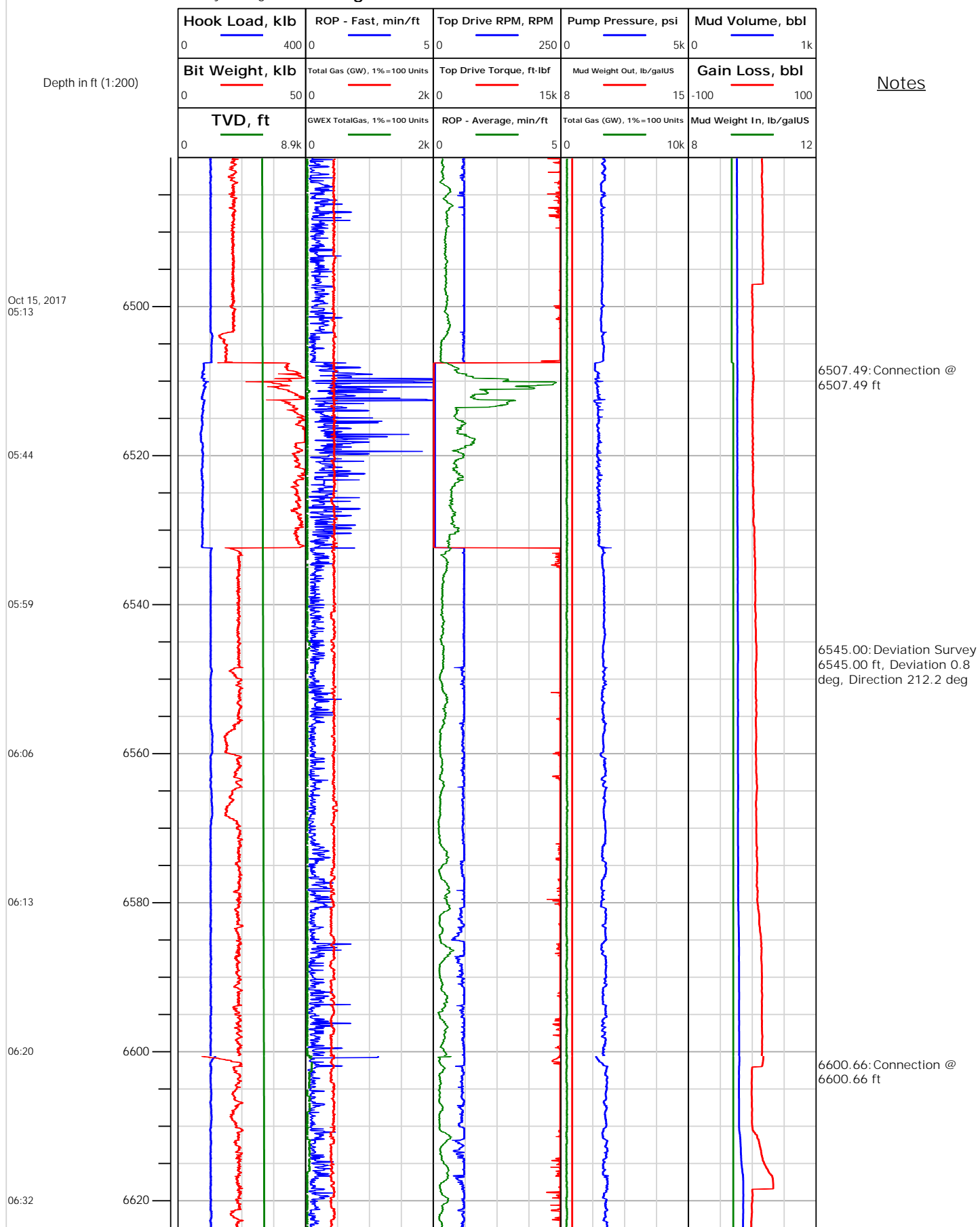
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Electronic Drilling Recorder

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





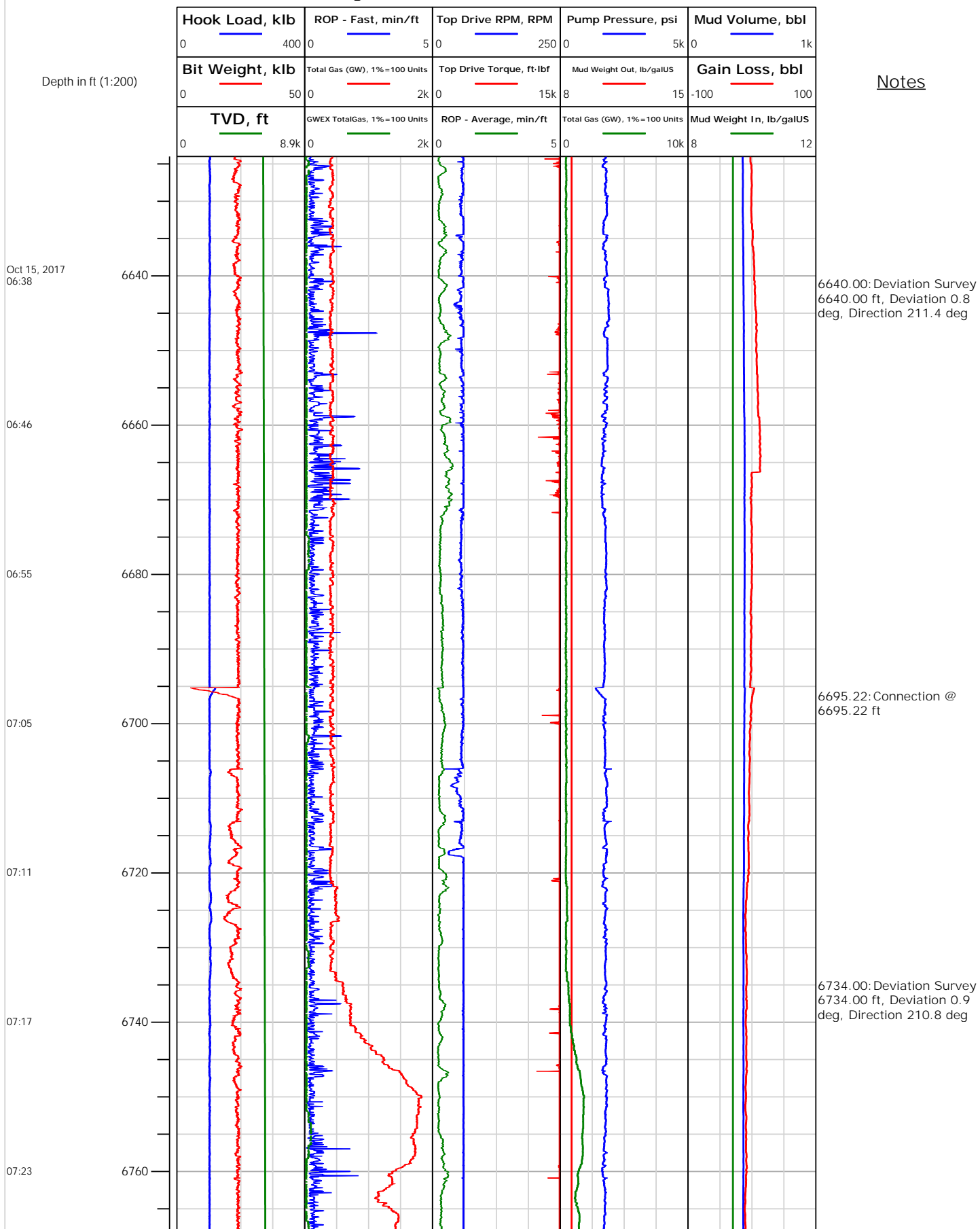
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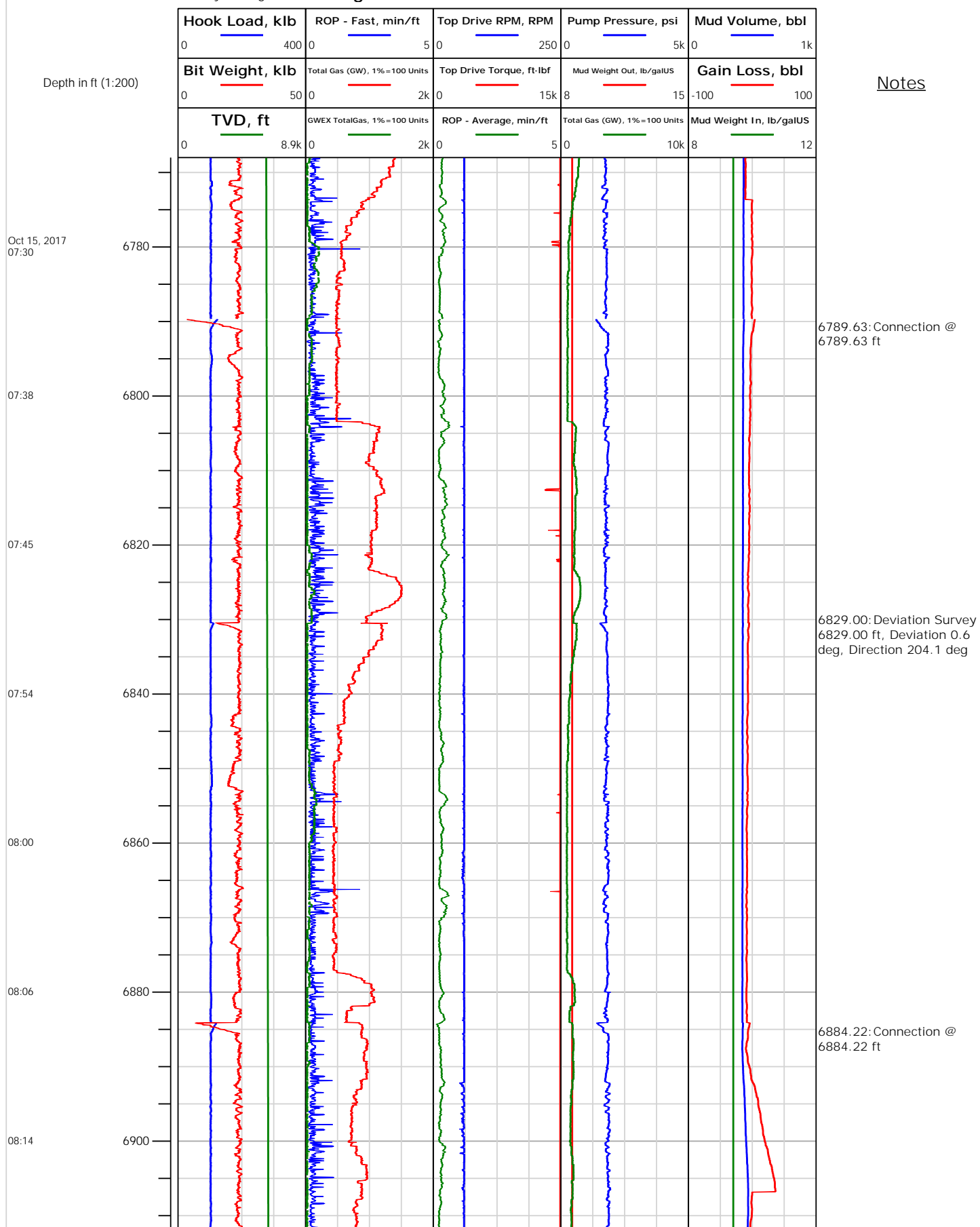
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





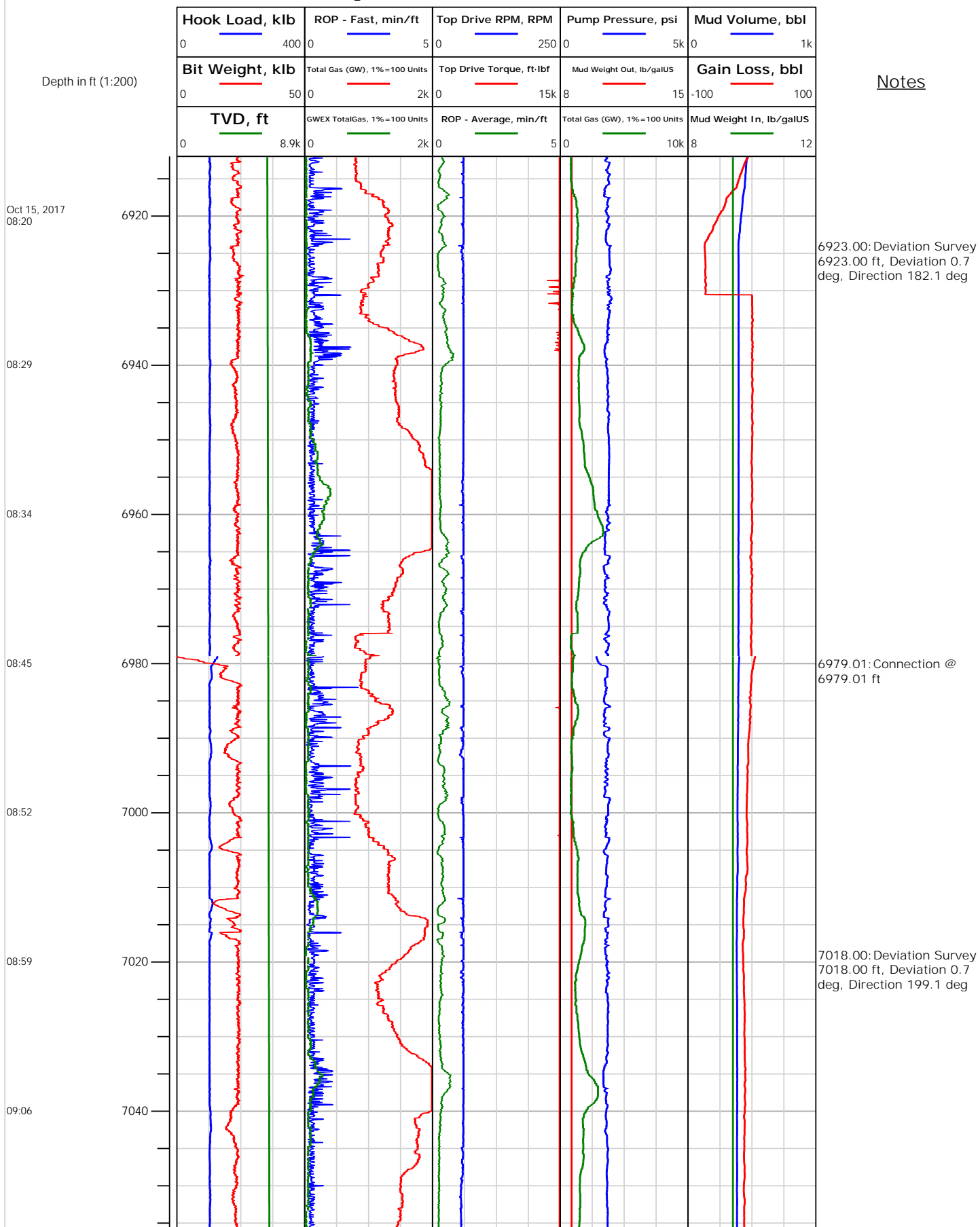
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Contractor: Helmerich & Payne Drlg Co

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Rig: 290

Location:

Notes





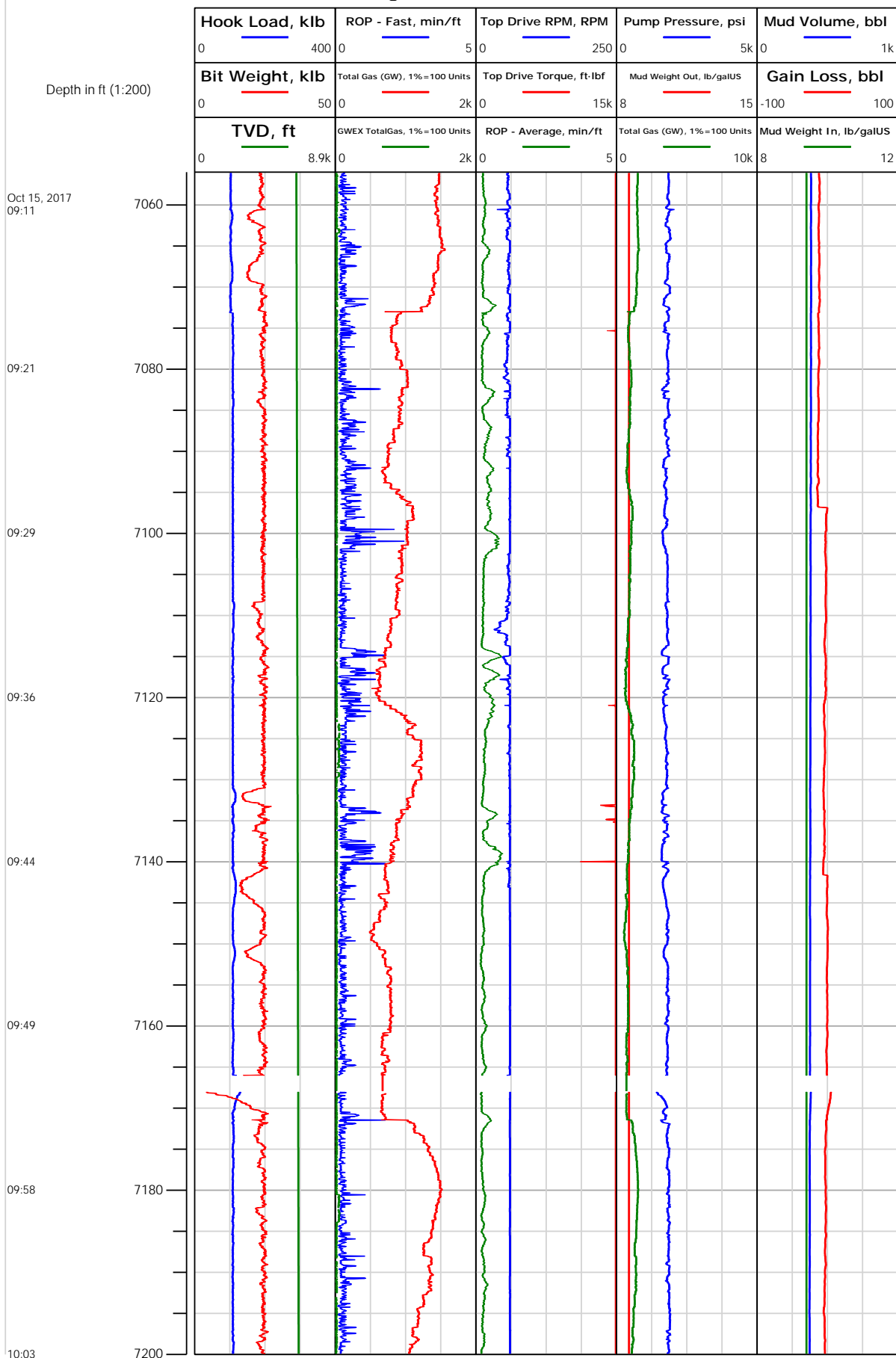
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





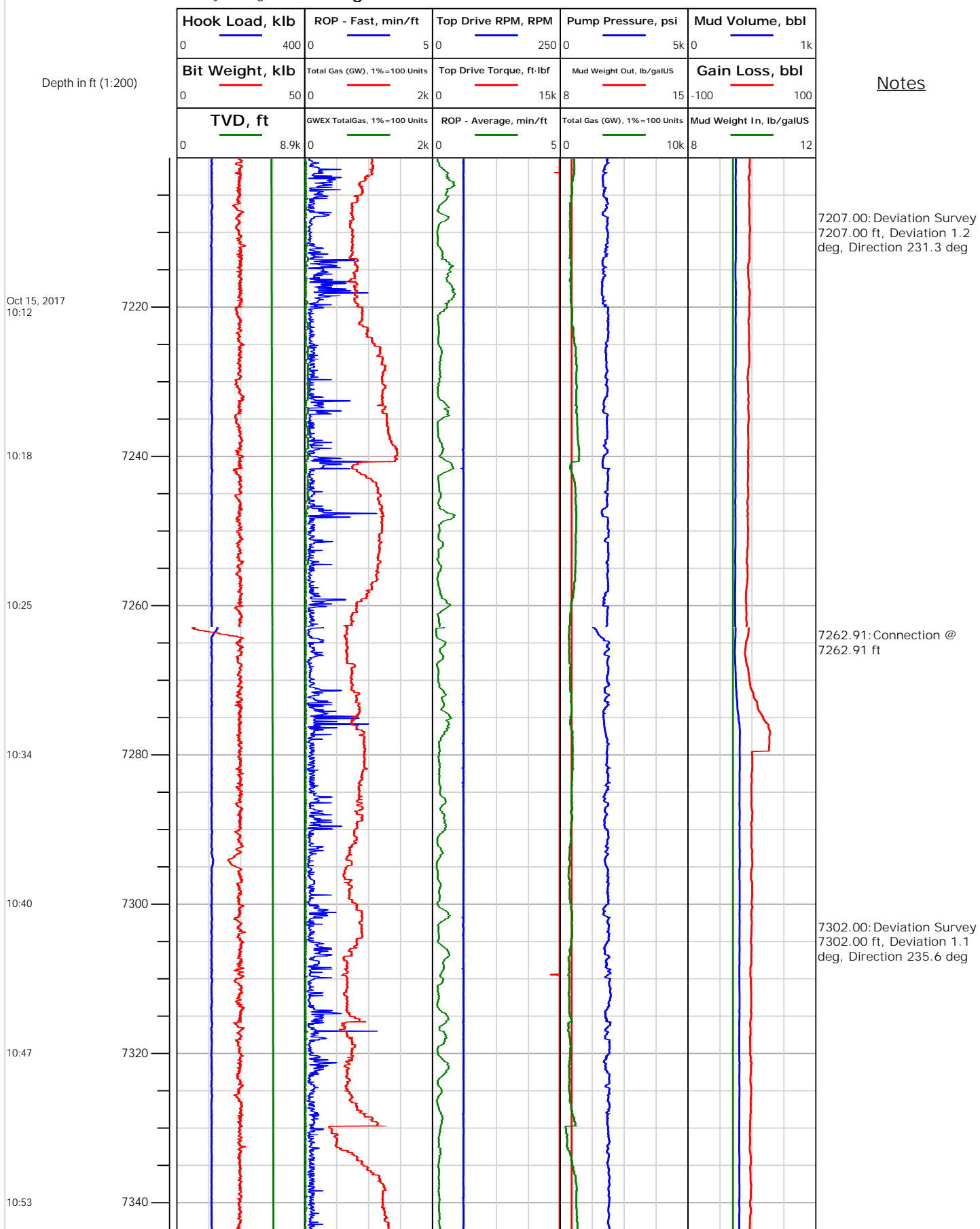
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Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





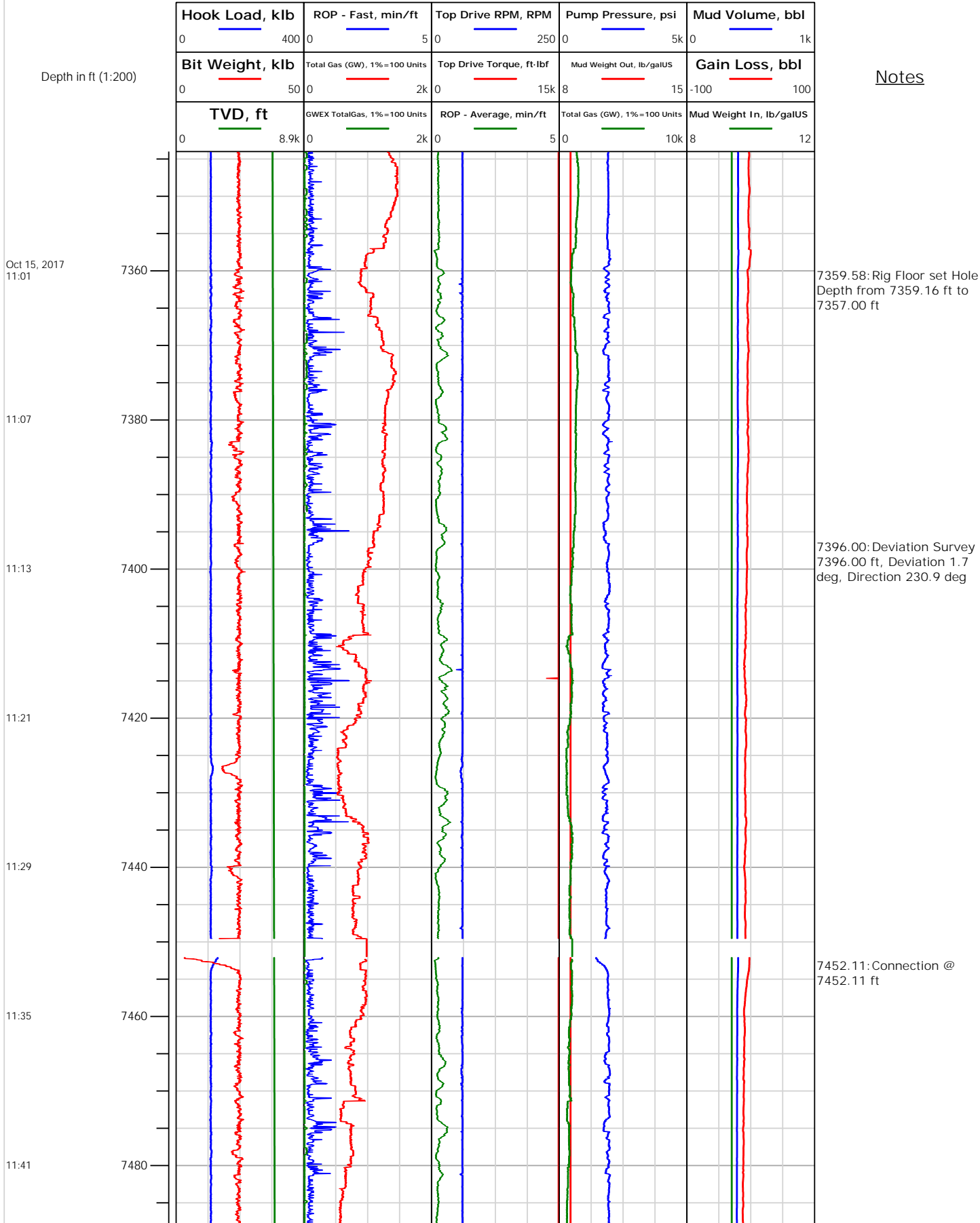
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





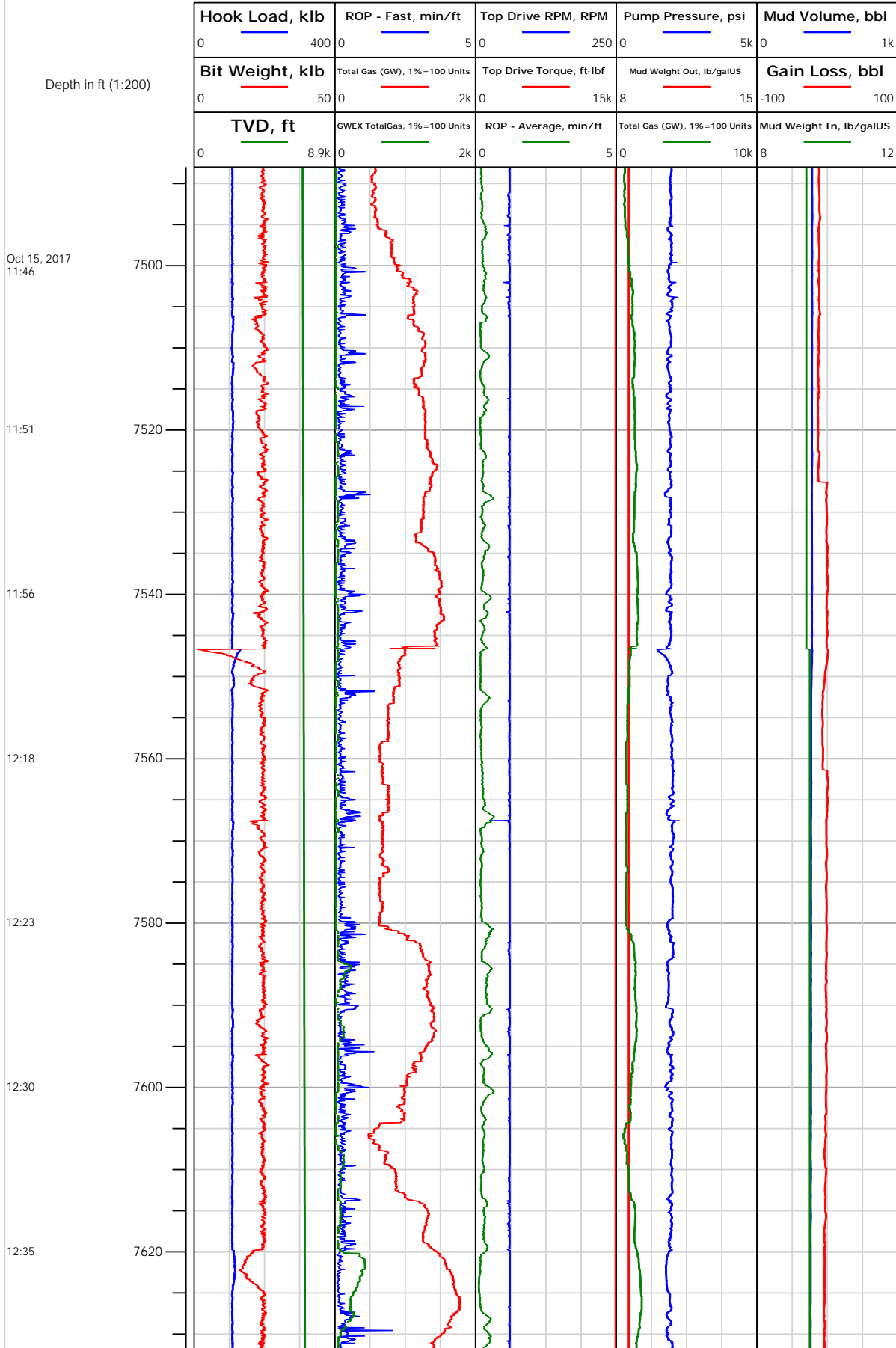
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes

Depth in ft (1:200)

Oct 15, 2017
12:39

12:45

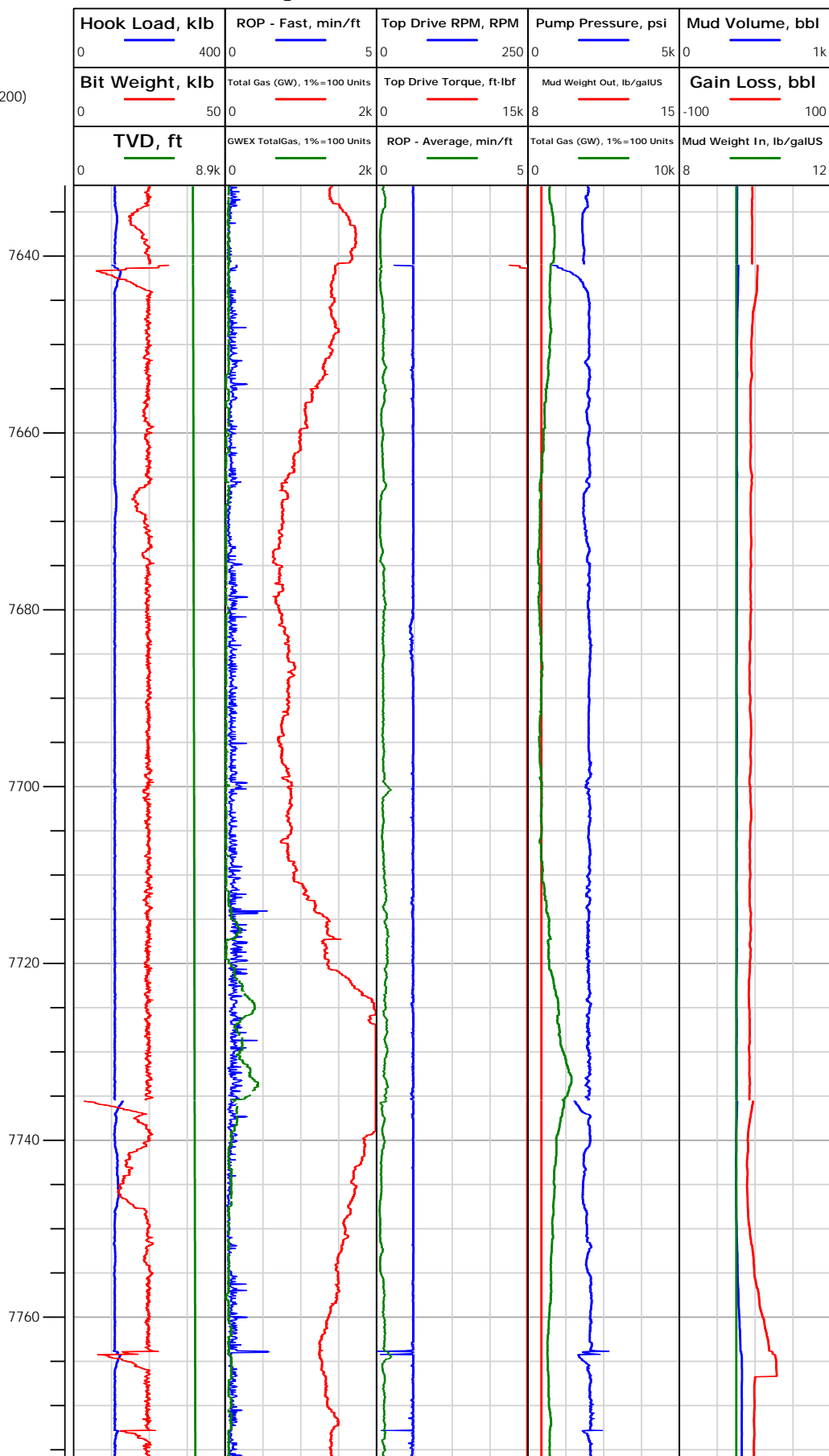
12:49

12:53

12:58

13:07

13:09





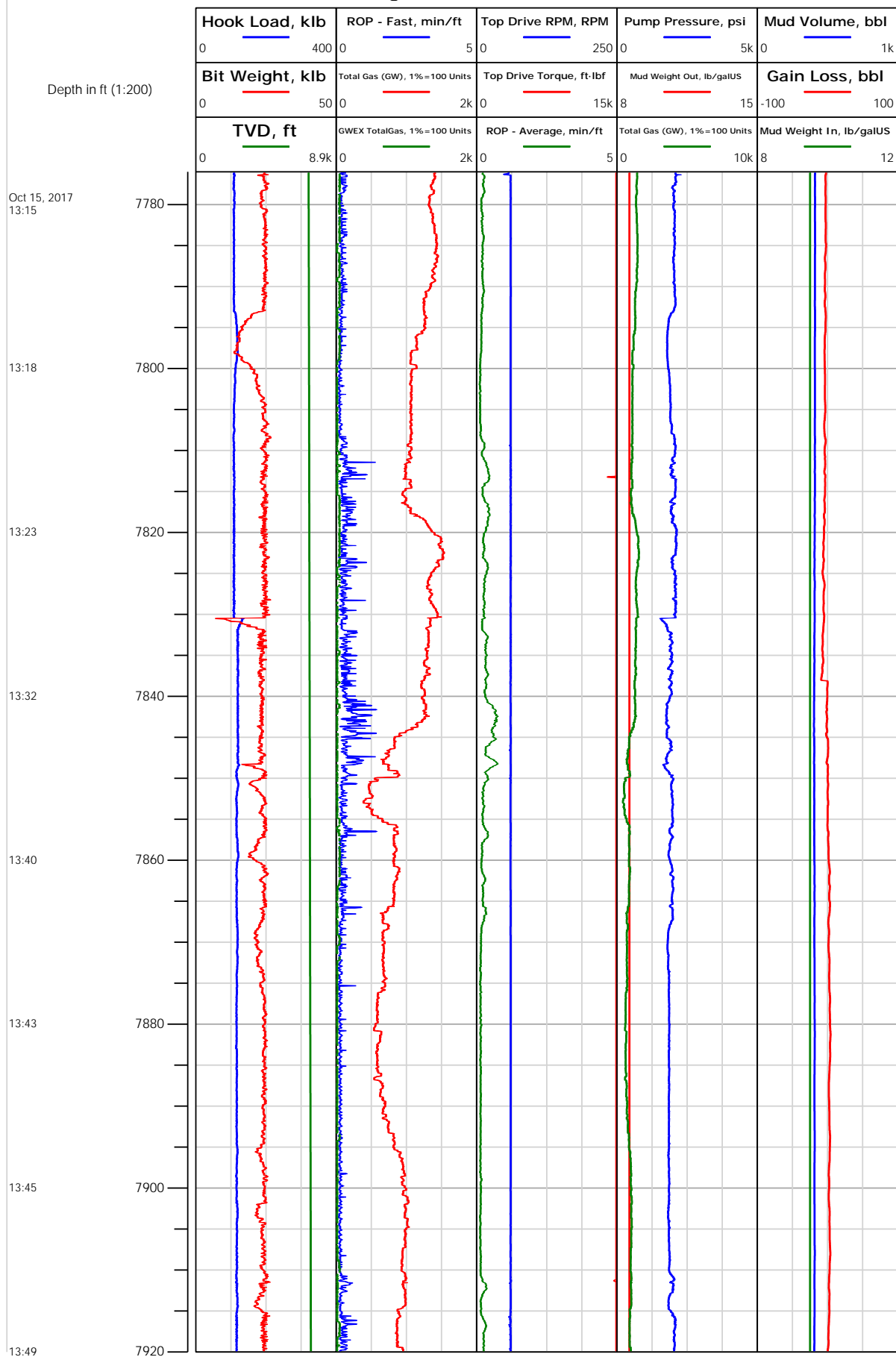
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





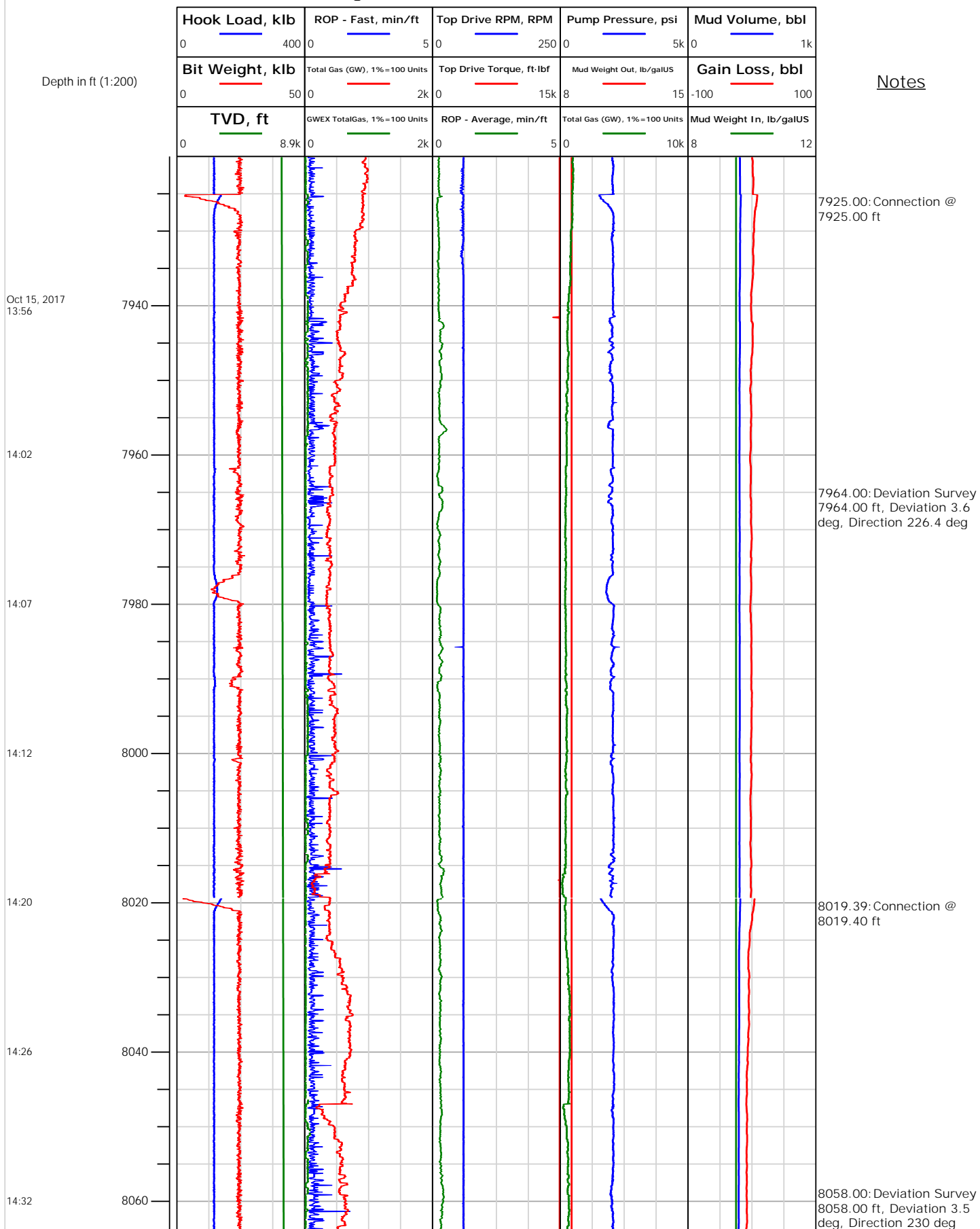
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





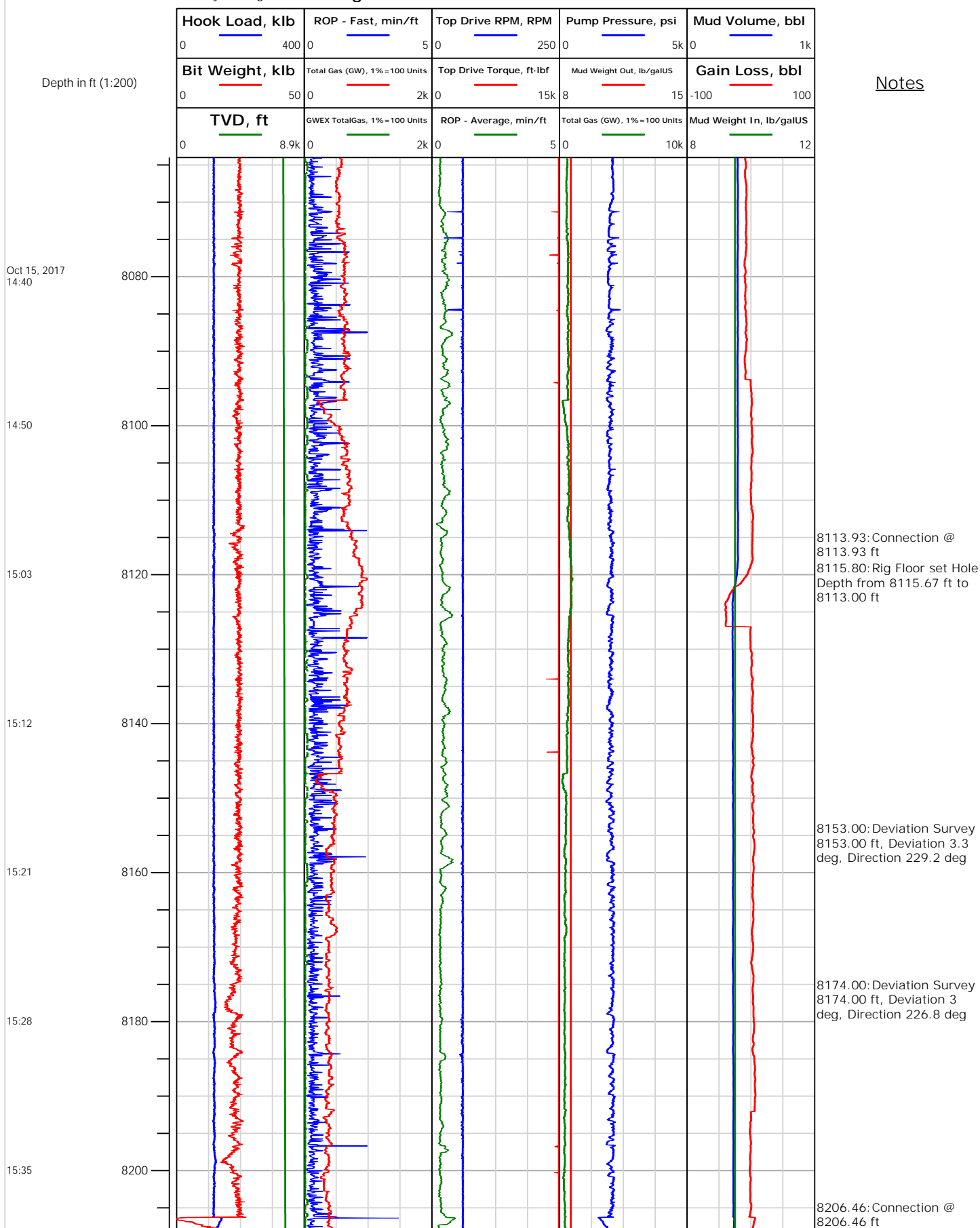
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton Federal 19-09E
Rig: 290

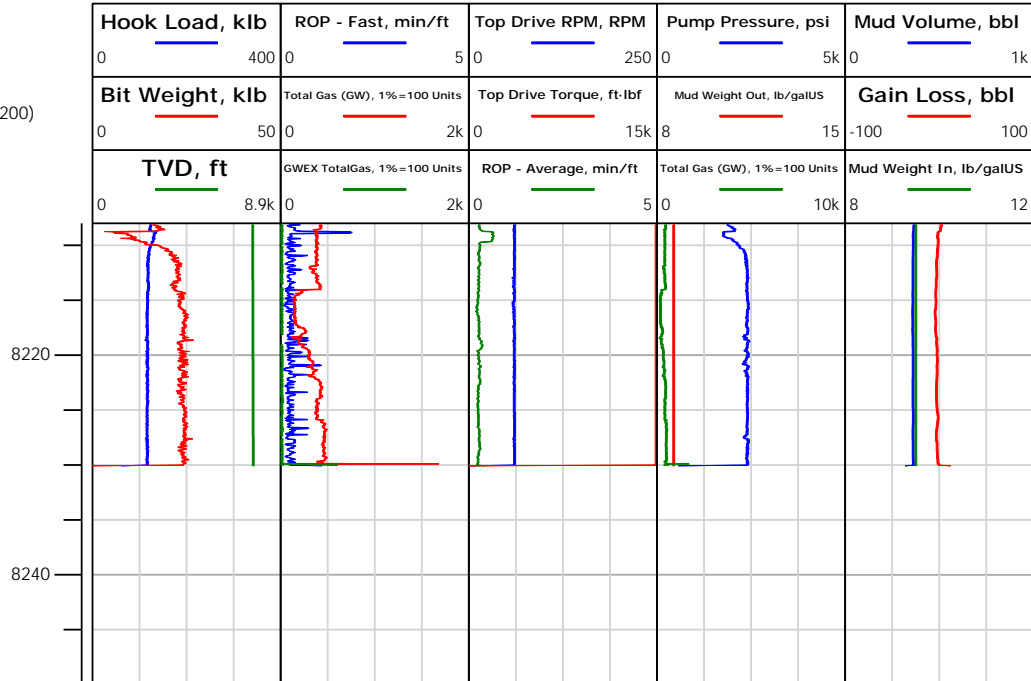
Location:

Notes

Oct 15, 2017
15:44

Oct 16, 2017
06:59

Depth in ft (1:200)



8230.13: Rig Floor set Bit
Position from 451.10 ft to
1530.00 ft
 8230.13: Rig Floor set Bit
Position from 8230.09 ft to
8219.00 ft
 8230.13: Rig Floor set Bit
Position from 4700.72 ft to
4698.00 ft
 8230.13: Rig Floor set Bit
Position from 1530.33 ft to
2398.00 ft
 8245.16: Rig Floor set Hole
Depth from 8245.16 ft to
8230.00 ft
 8245.16: Rig Floor set Bit
Position from 8245.16 ft to
8230.00 ft