

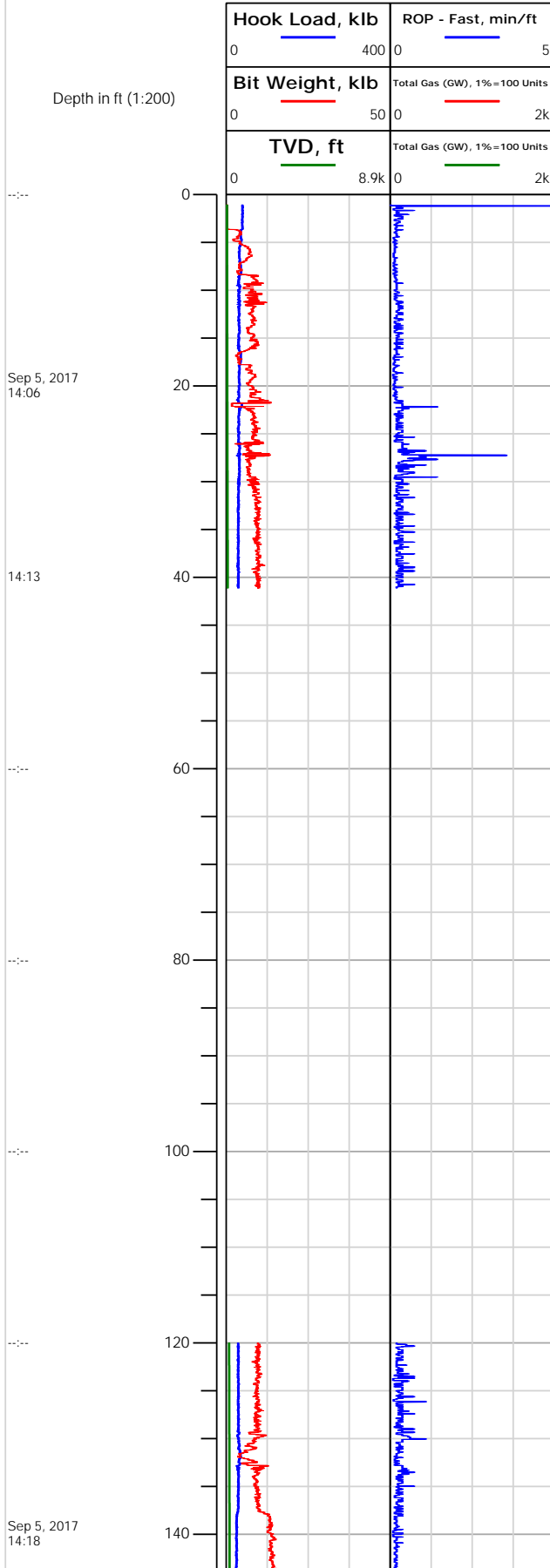


Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:





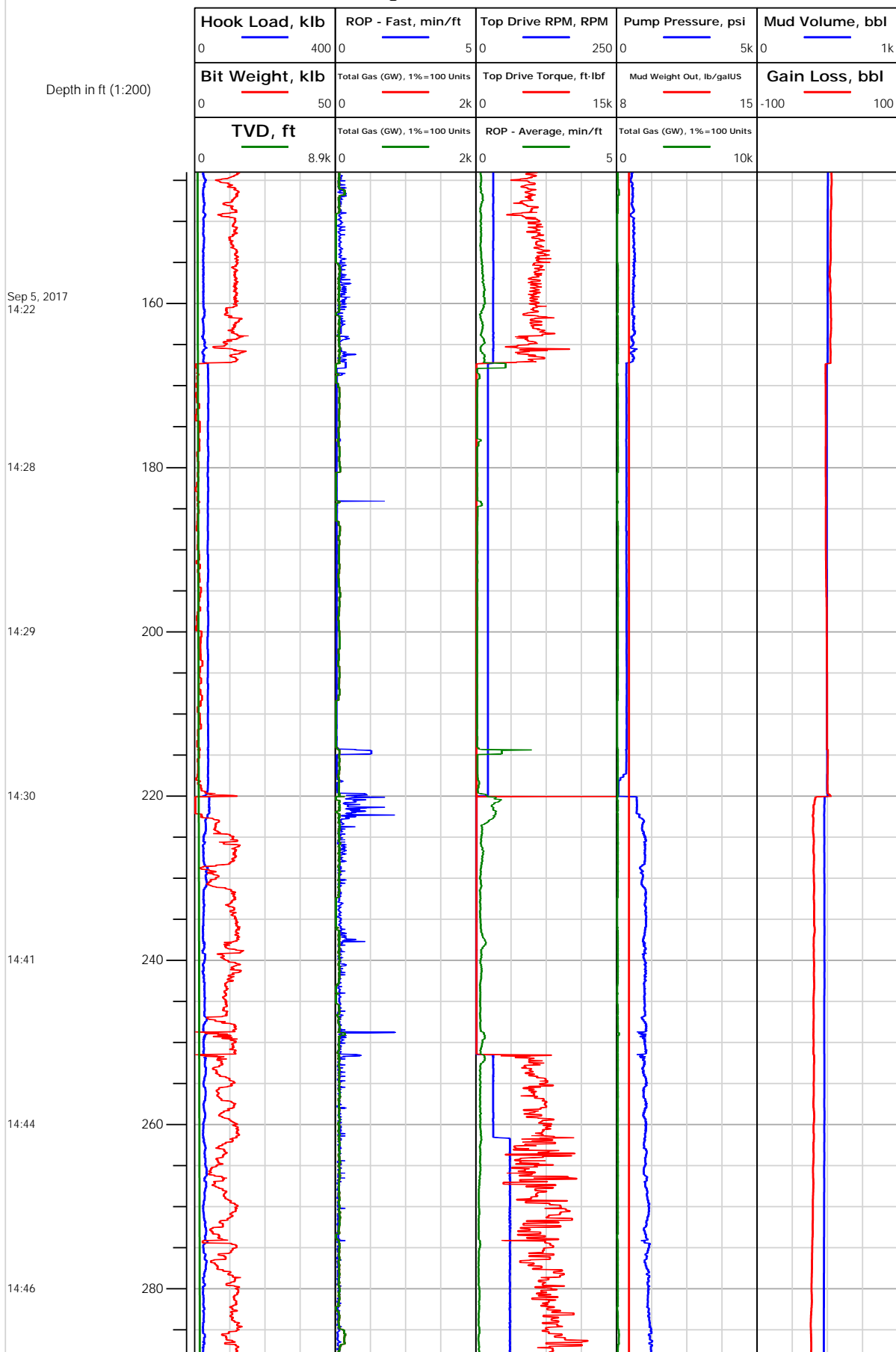
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

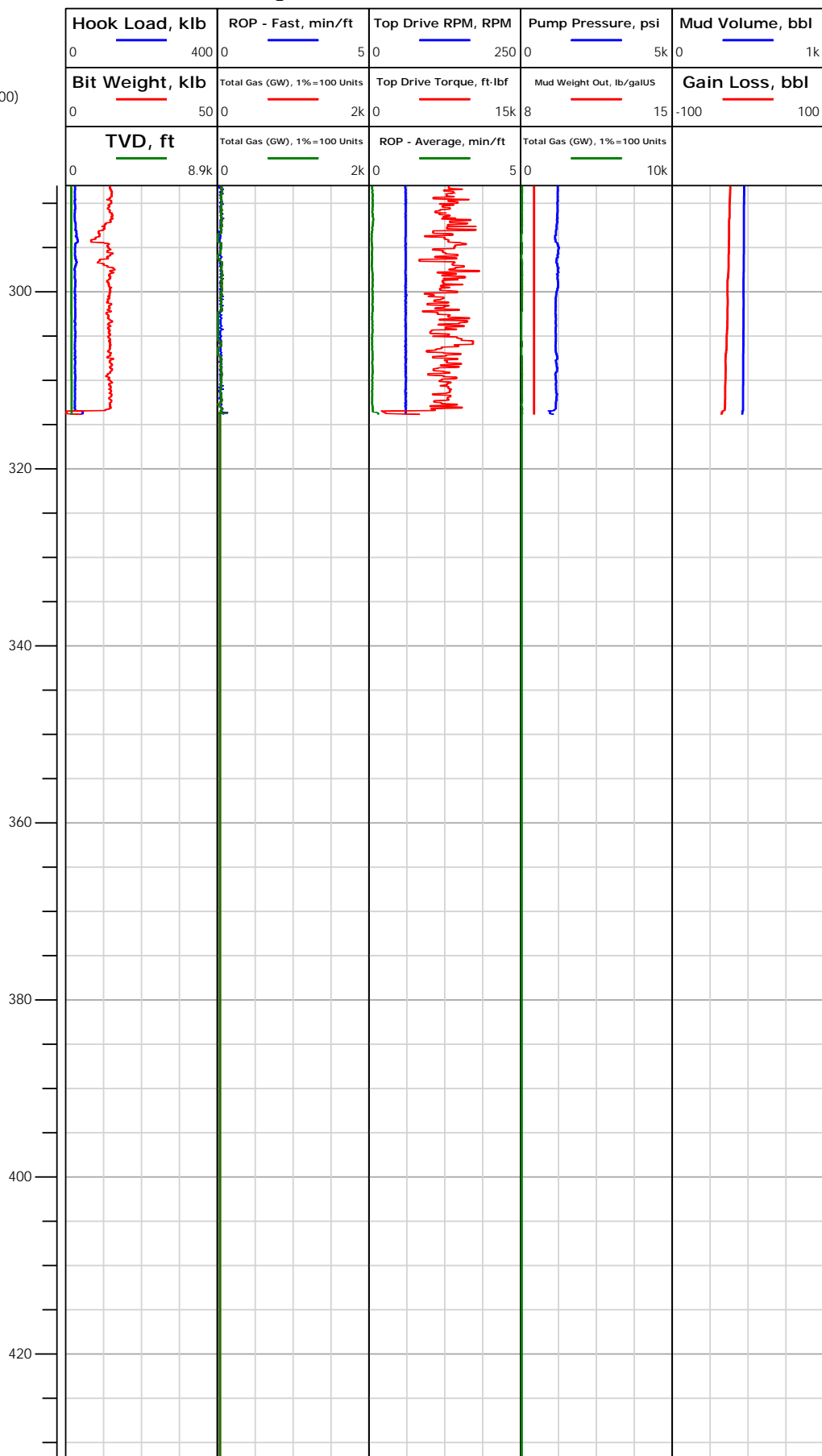
Well Name: Bruton 19-04W
Rig: 290

Location:

Notes

Depth in ft (1:200)

Sep 5, 2017
14:48



295.00: Deviation Survey
295.00 ft, Deviation 3.1
deg, Direction 300 deg

313.73: Rig Floor set Bit
Position from 312.93 ft to
262.33 ft
313.77: Rig Floor set Bit
Position from 311.78 ft to
746.25 ft

386.00: Deviation Survey
386.00 ft, Deviation 5.1
deg, Direction 312.9 deg

Location:

Electronic Drilling Recorder

[illegible]

Notes

475.99: Deviation Survey
476.00 ft, Deviation 6.5
deg, Direction 347.6 deg

567.00: Deviation Survey
567.00 ft, Deviation 10.1
deg, Direction 356.7 deg

Location:

Electronic Drilling Recorder

[illegible]

Notes

657.00: Deviation Survey
657.00 ft, Deviation 13.6
deg, Direction 355.6 deg



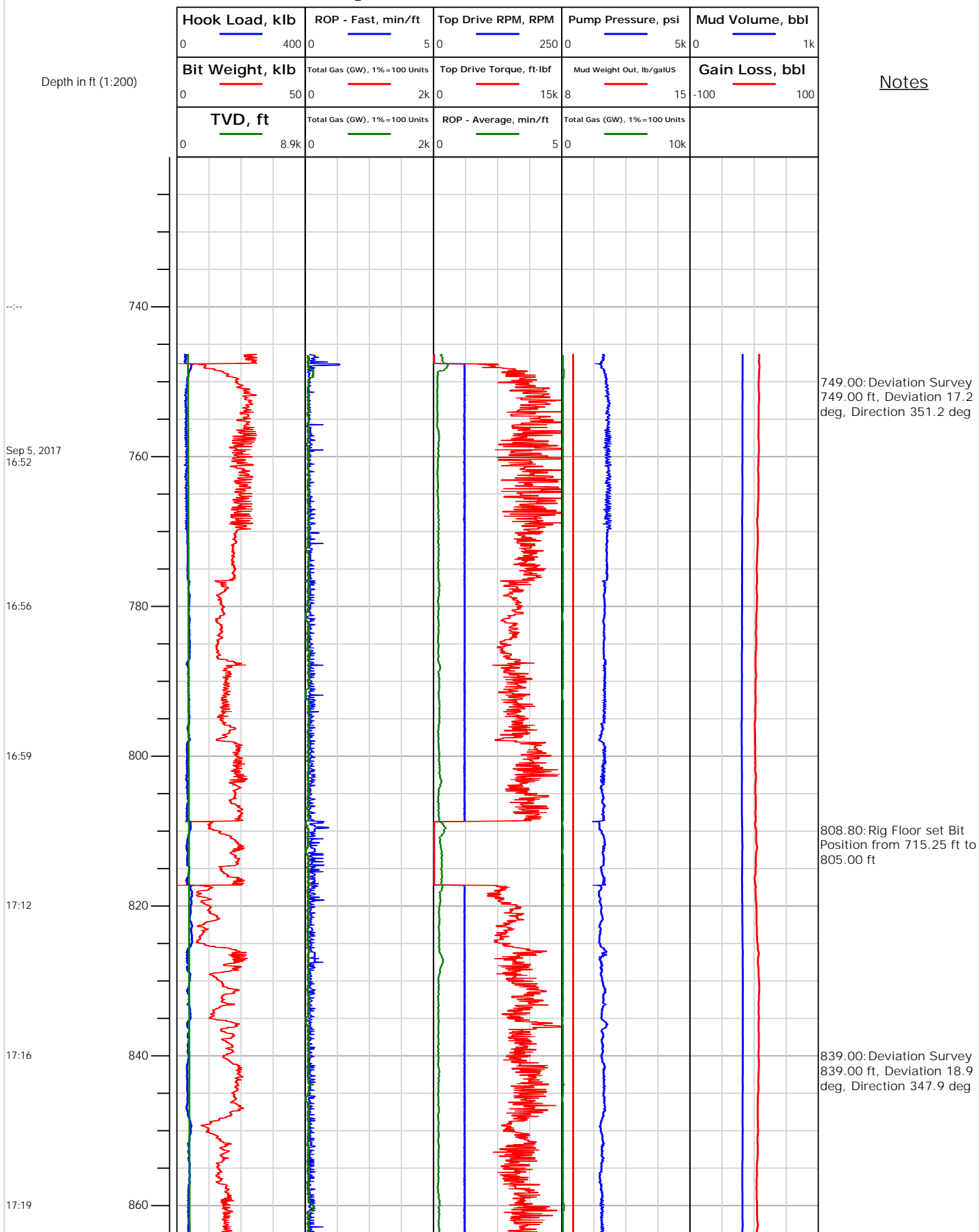
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





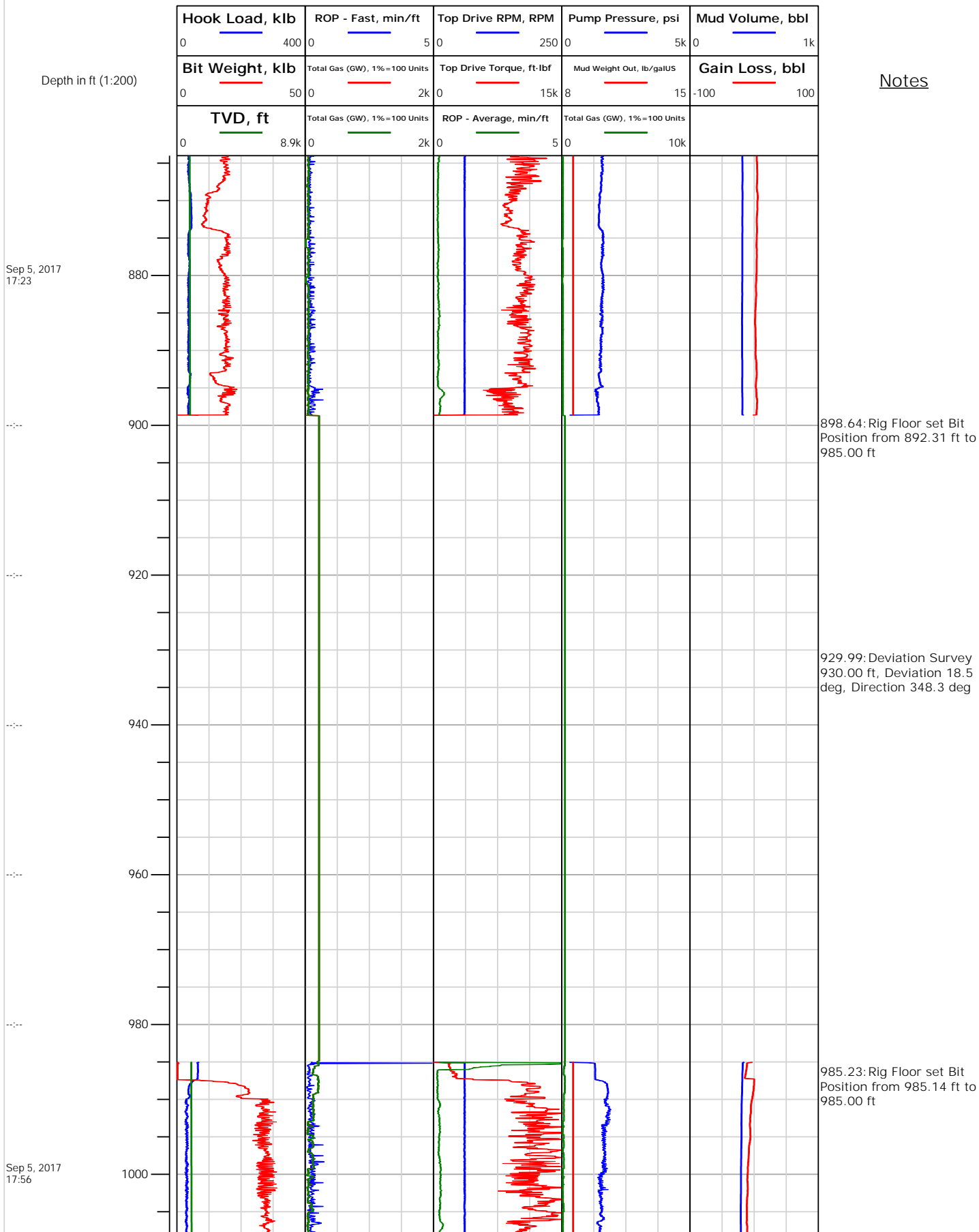
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





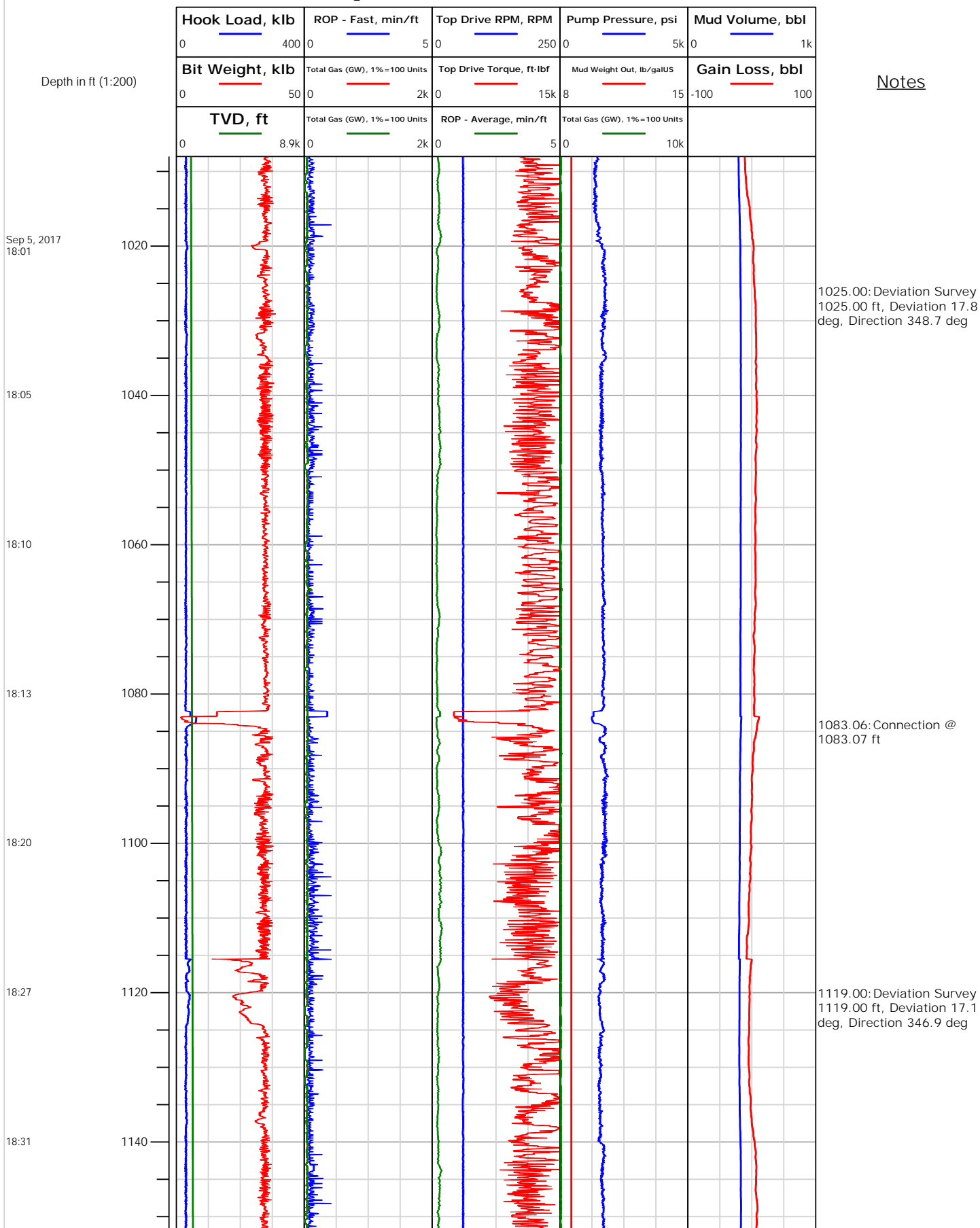
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





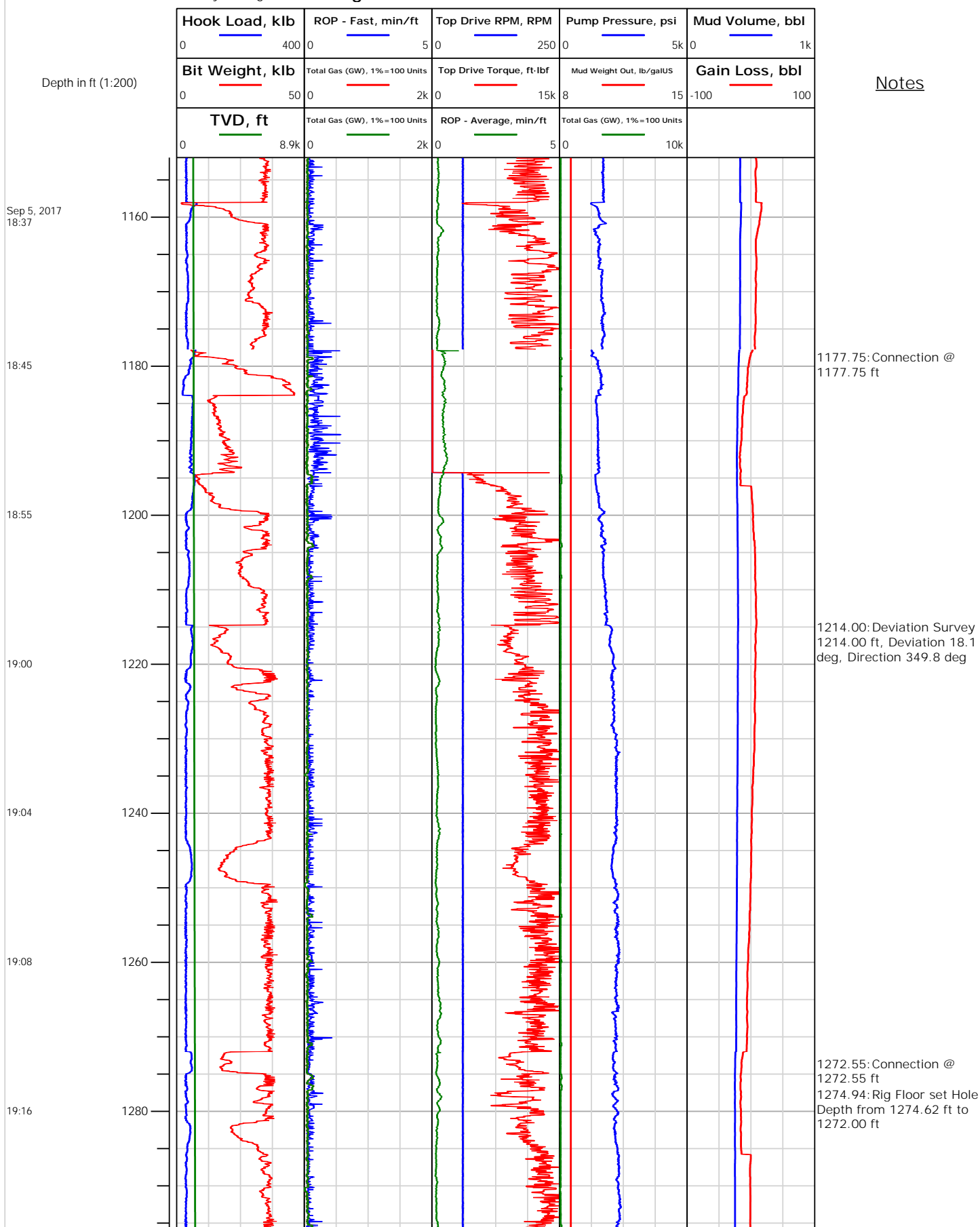
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes



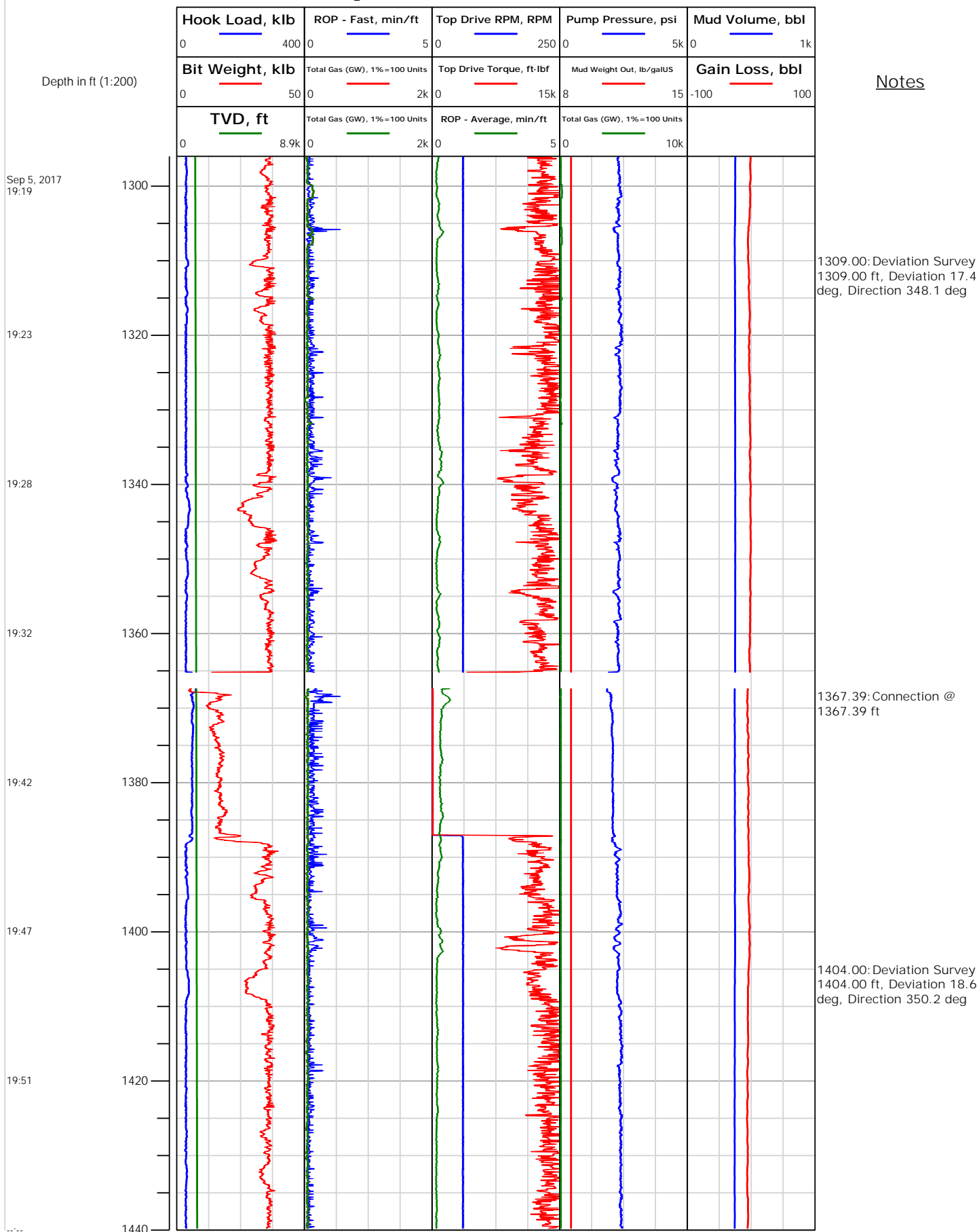


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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:





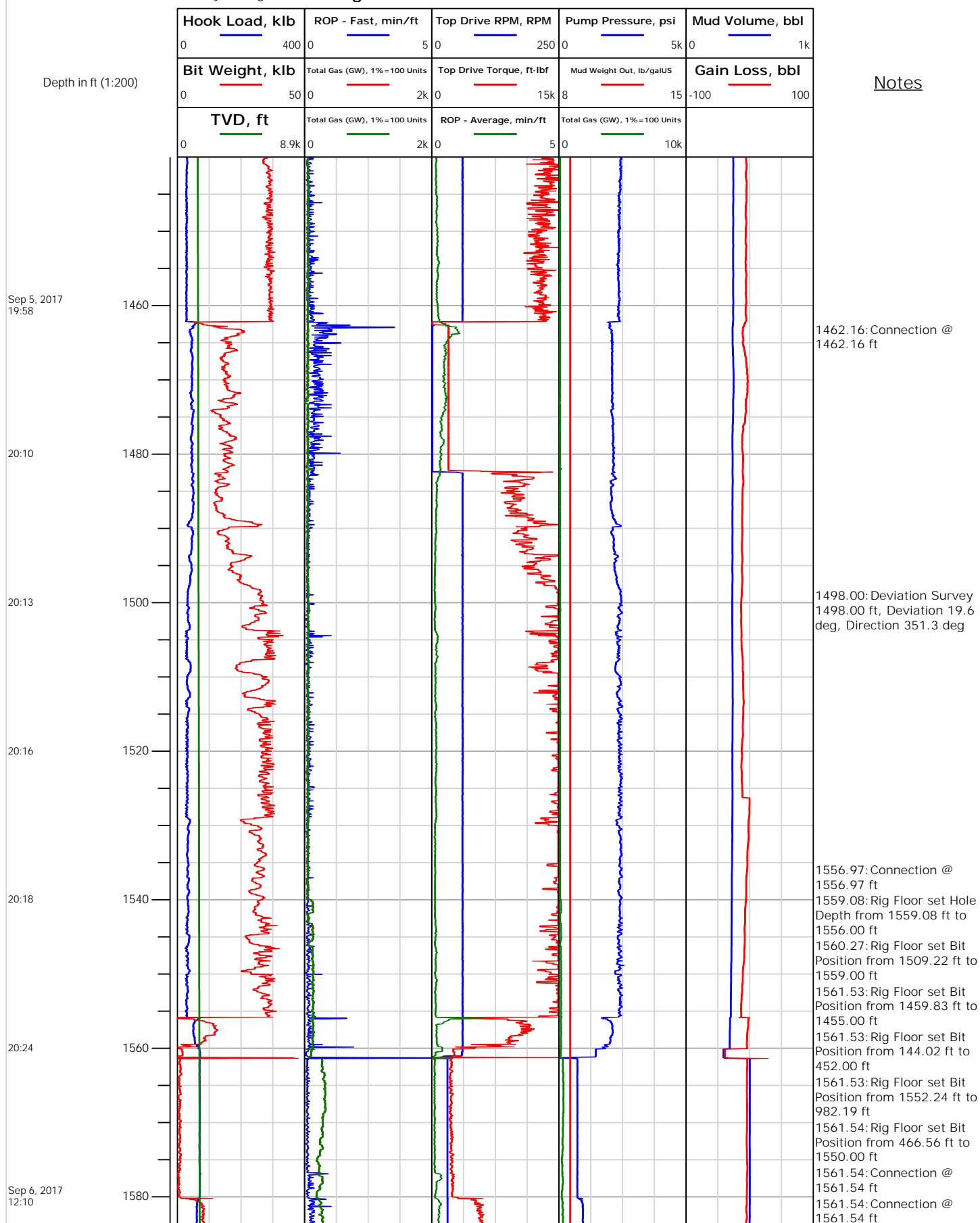
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Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





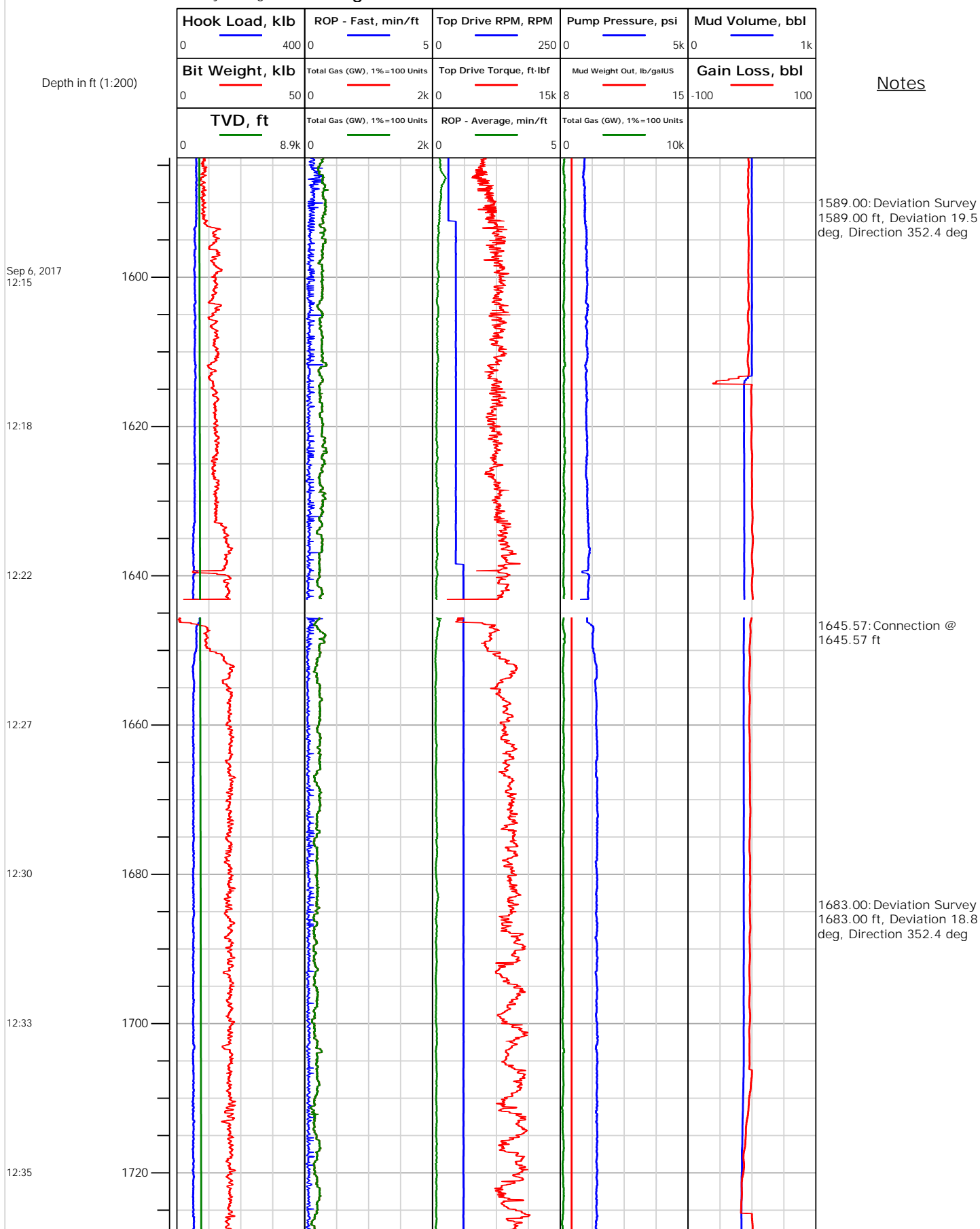
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





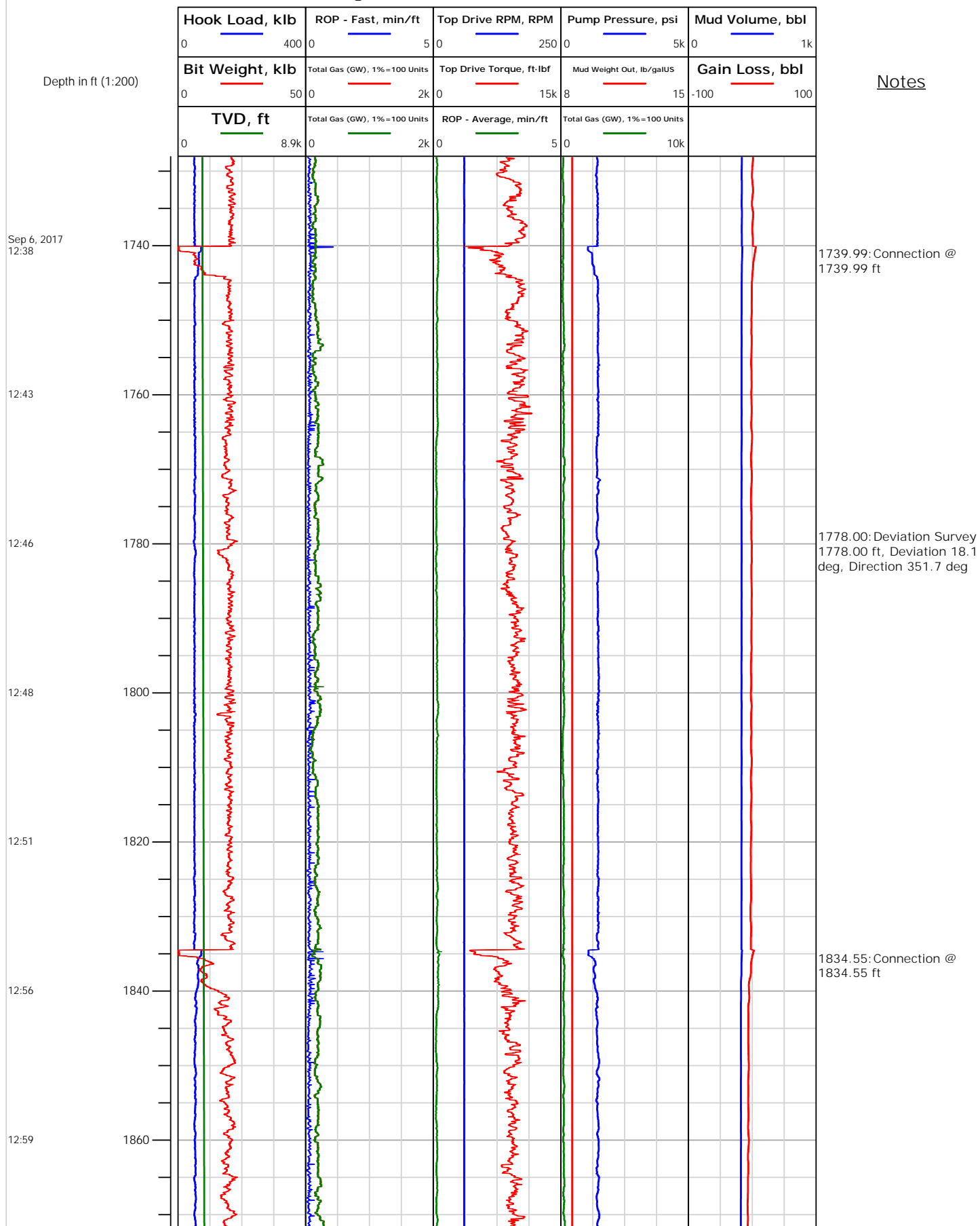
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





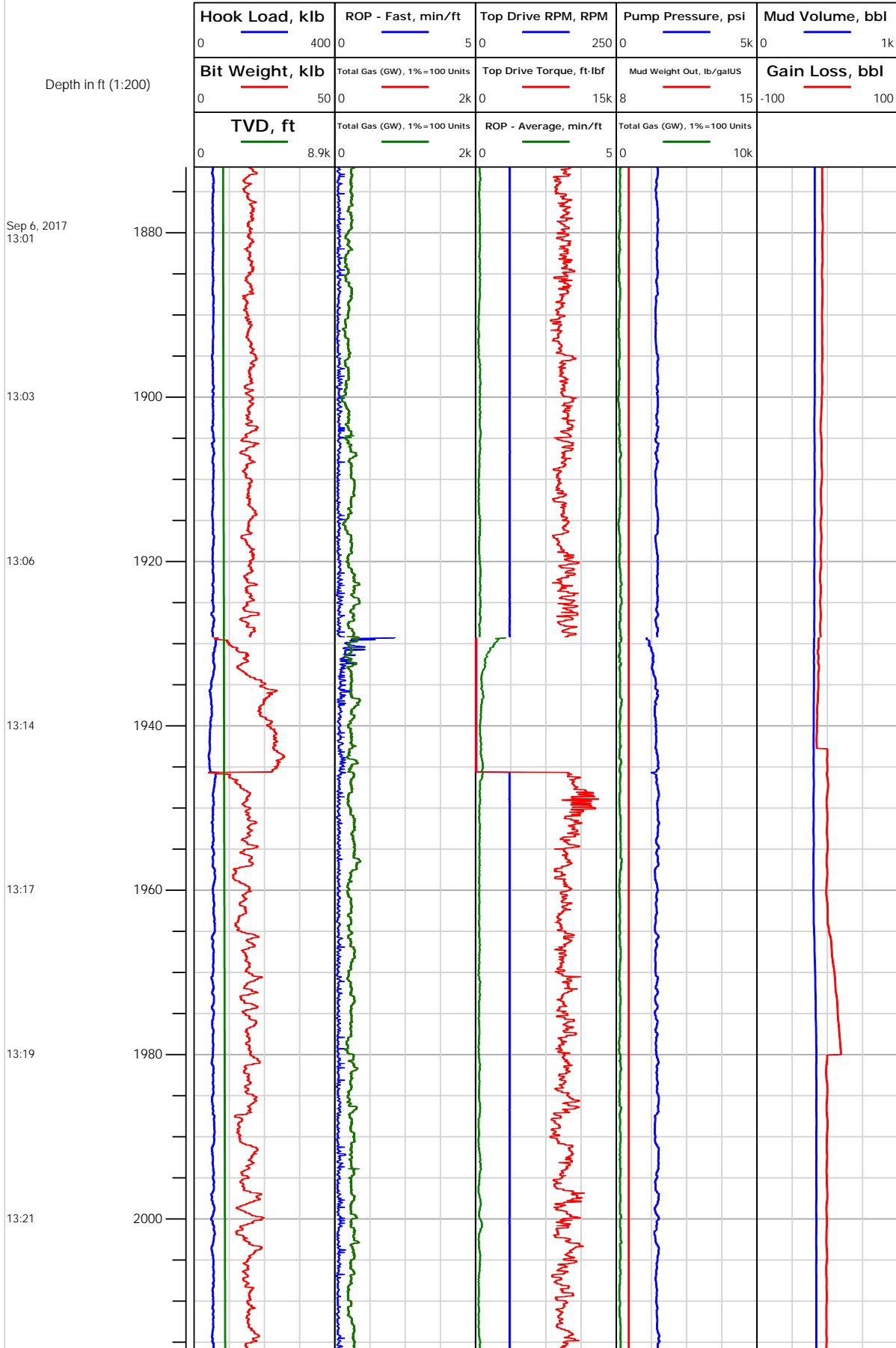
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





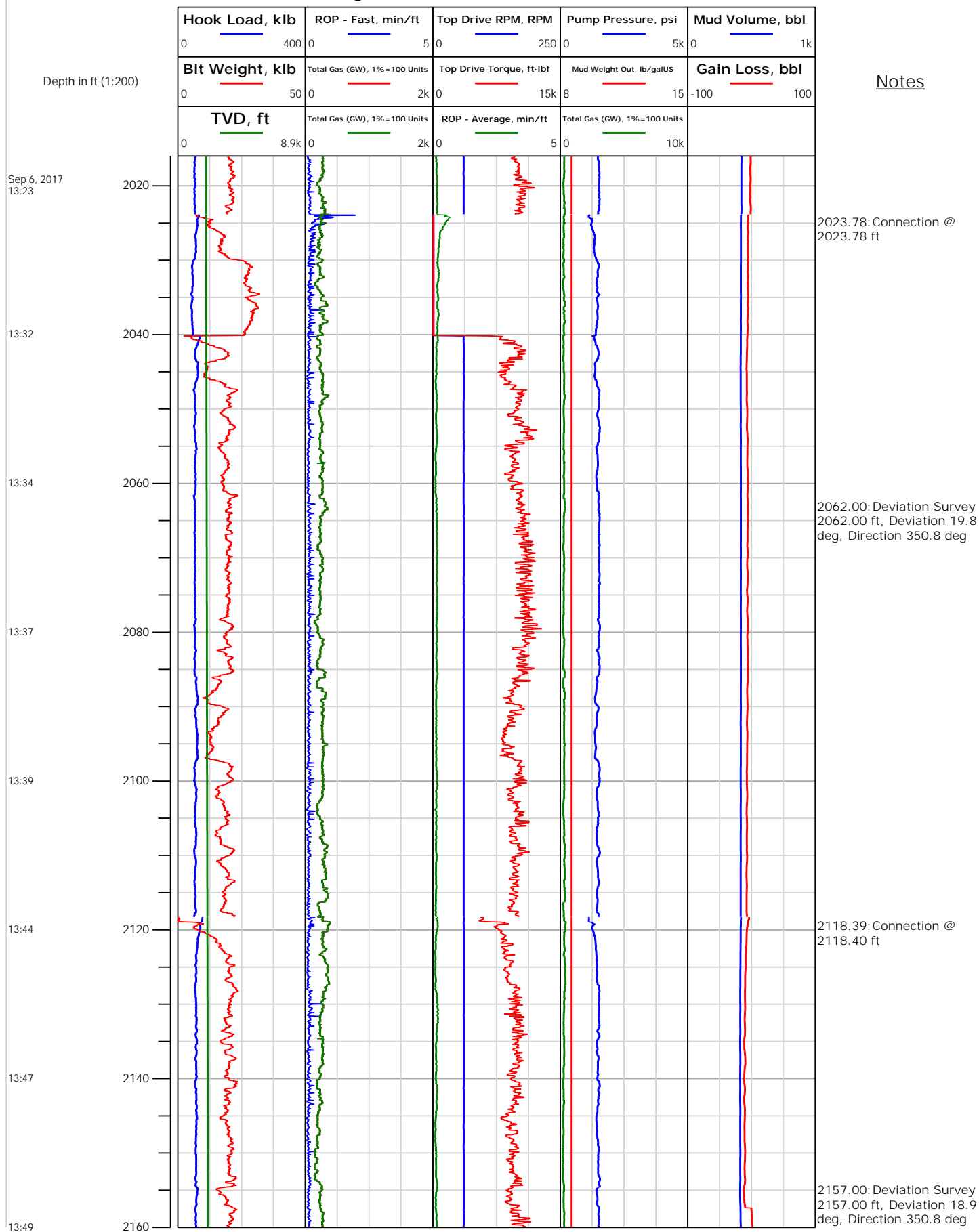
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





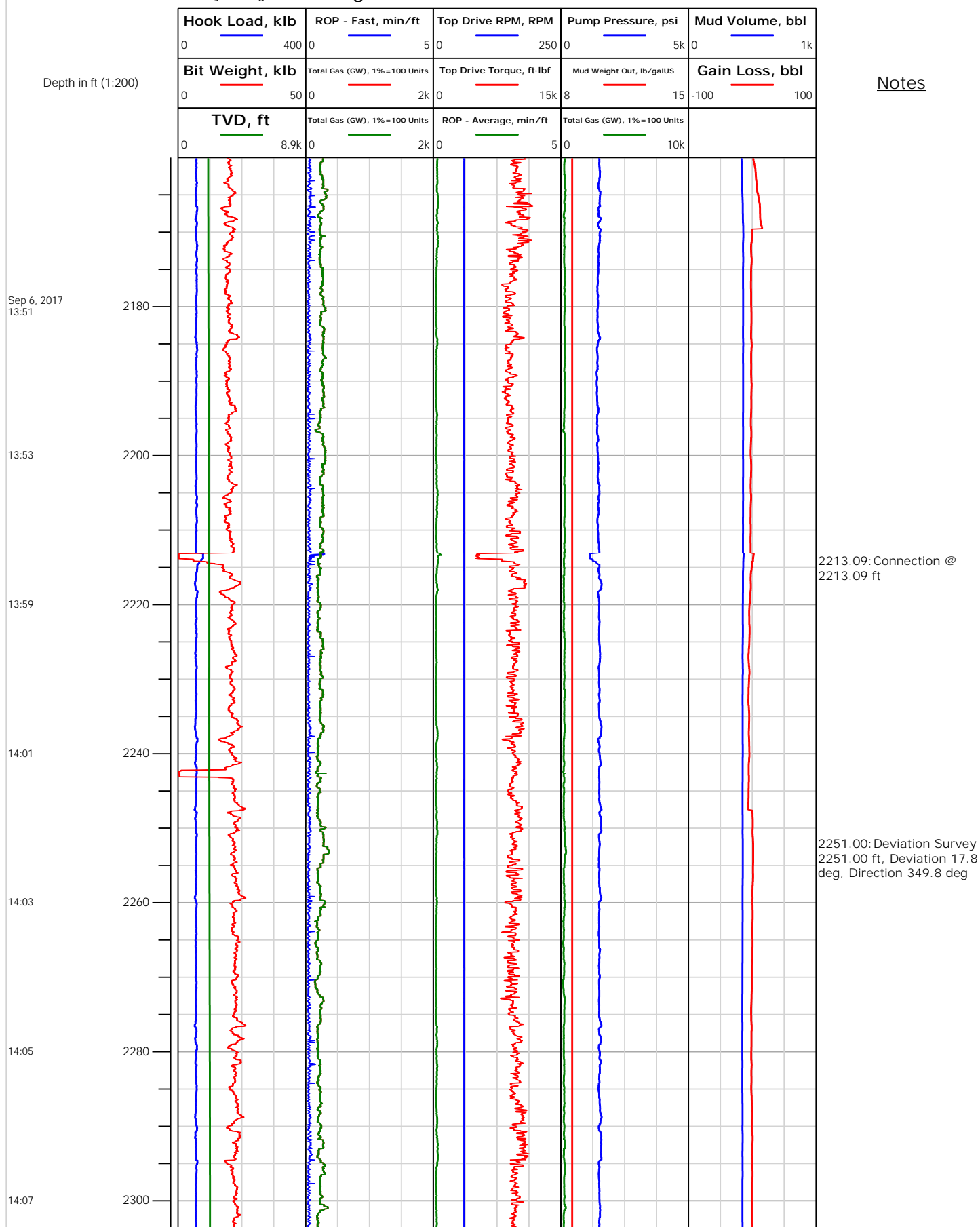
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Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





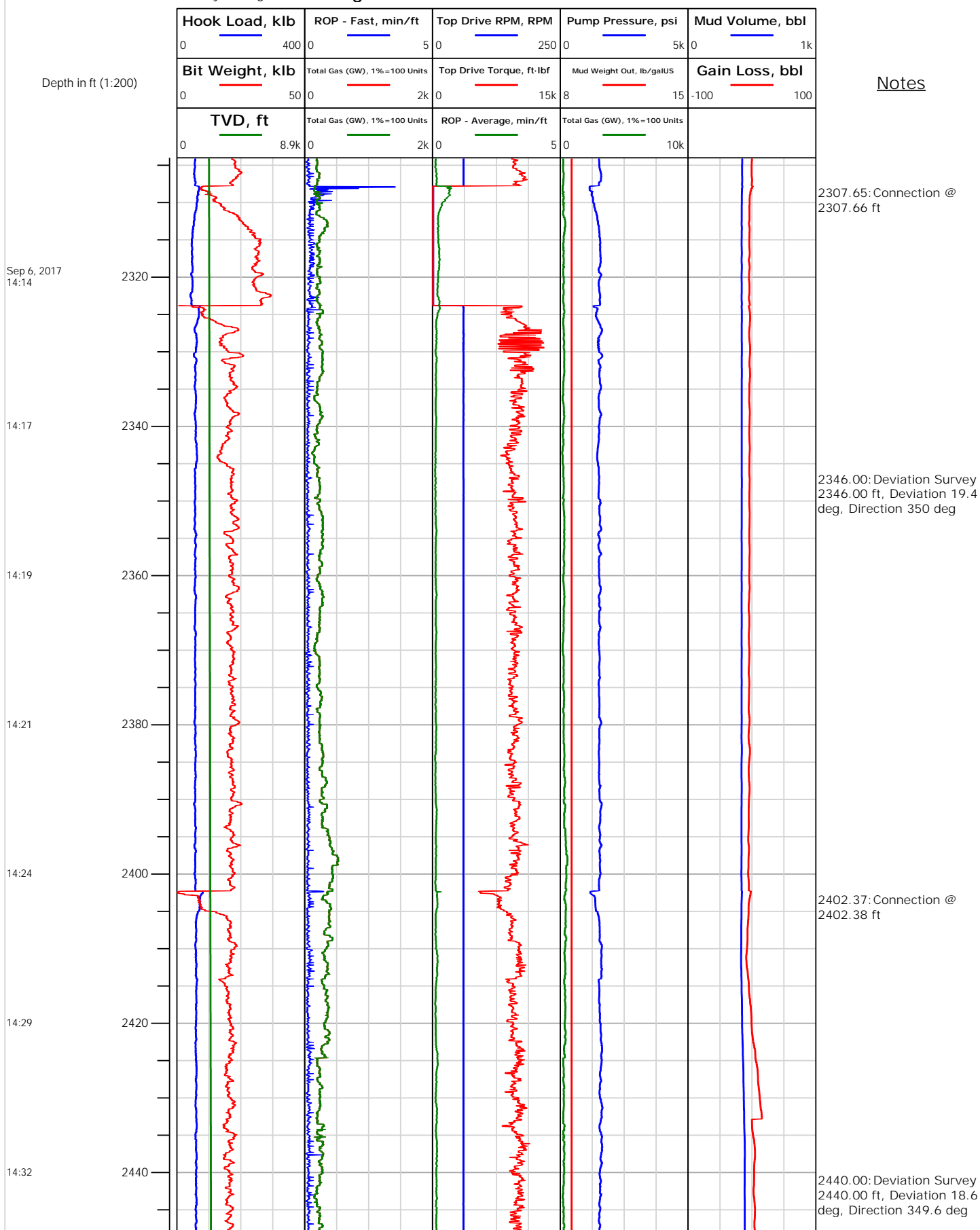
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





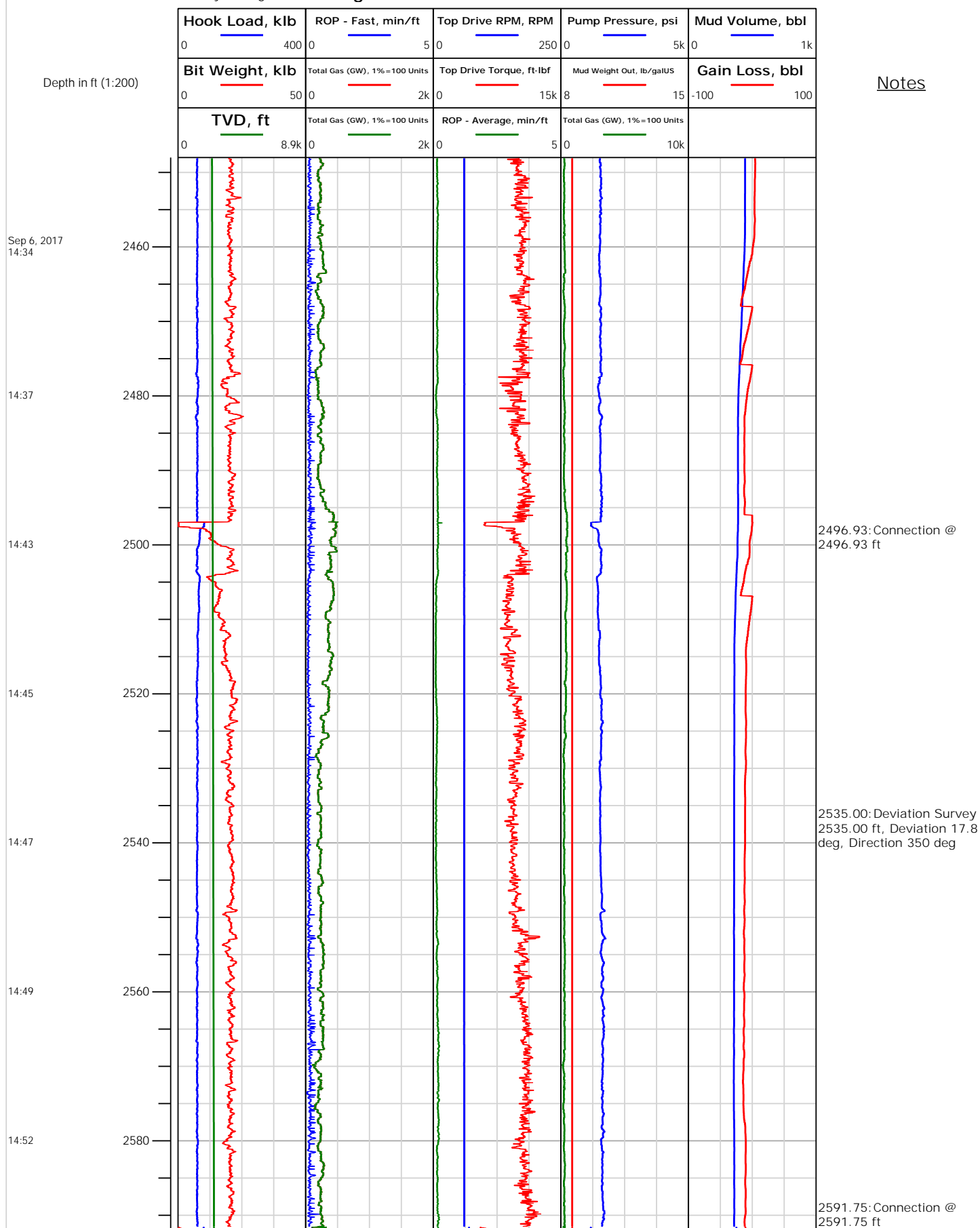
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





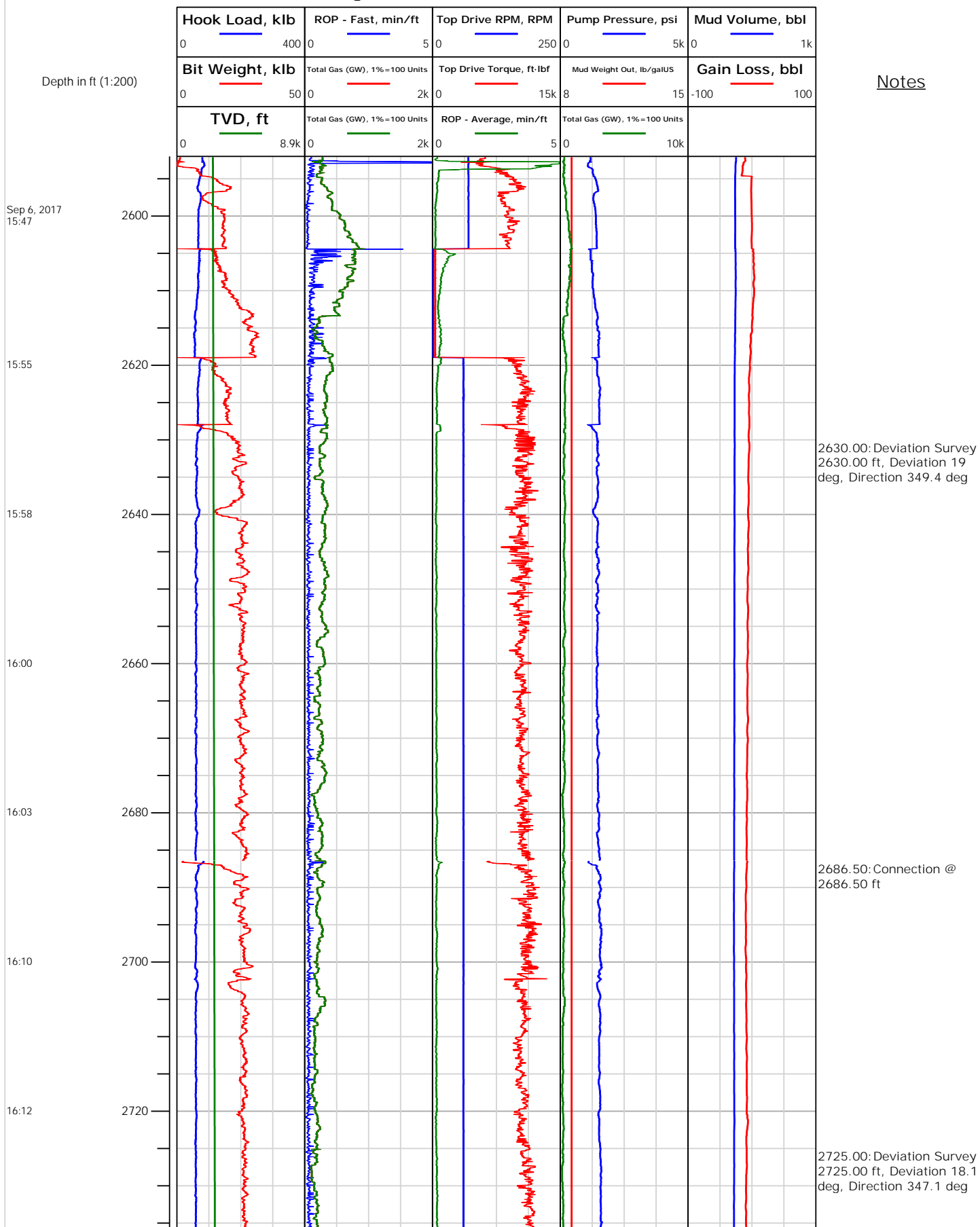
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





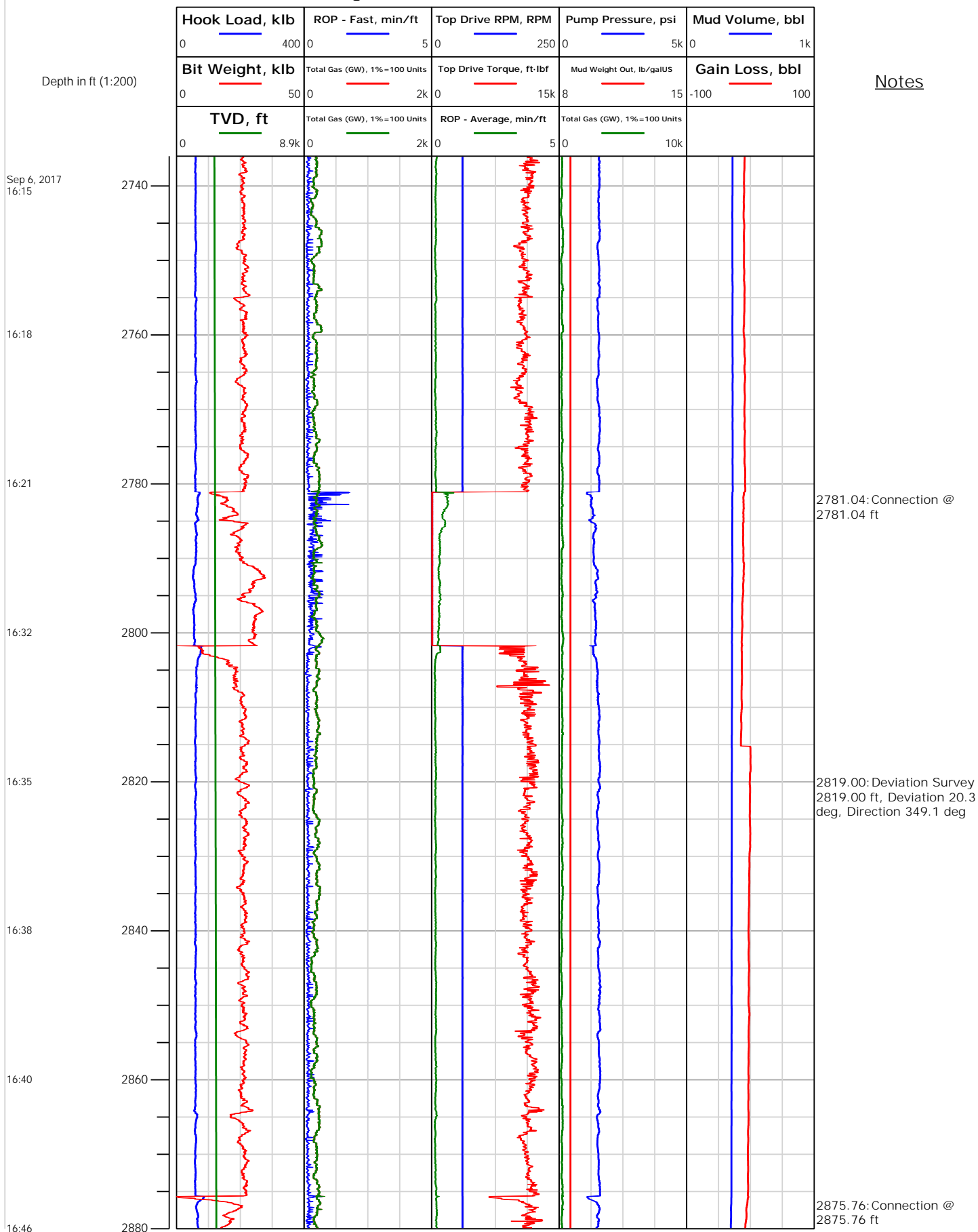
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





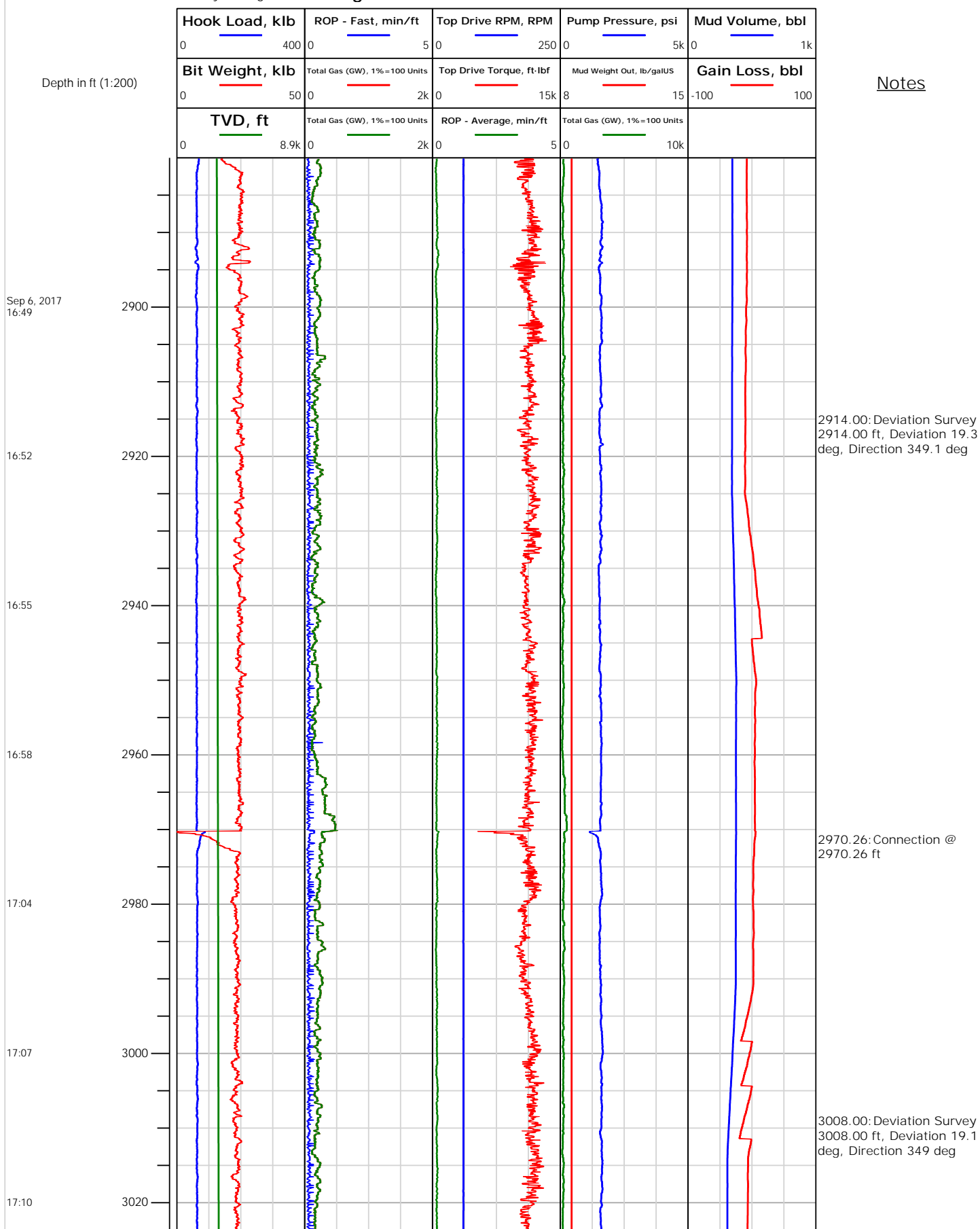
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





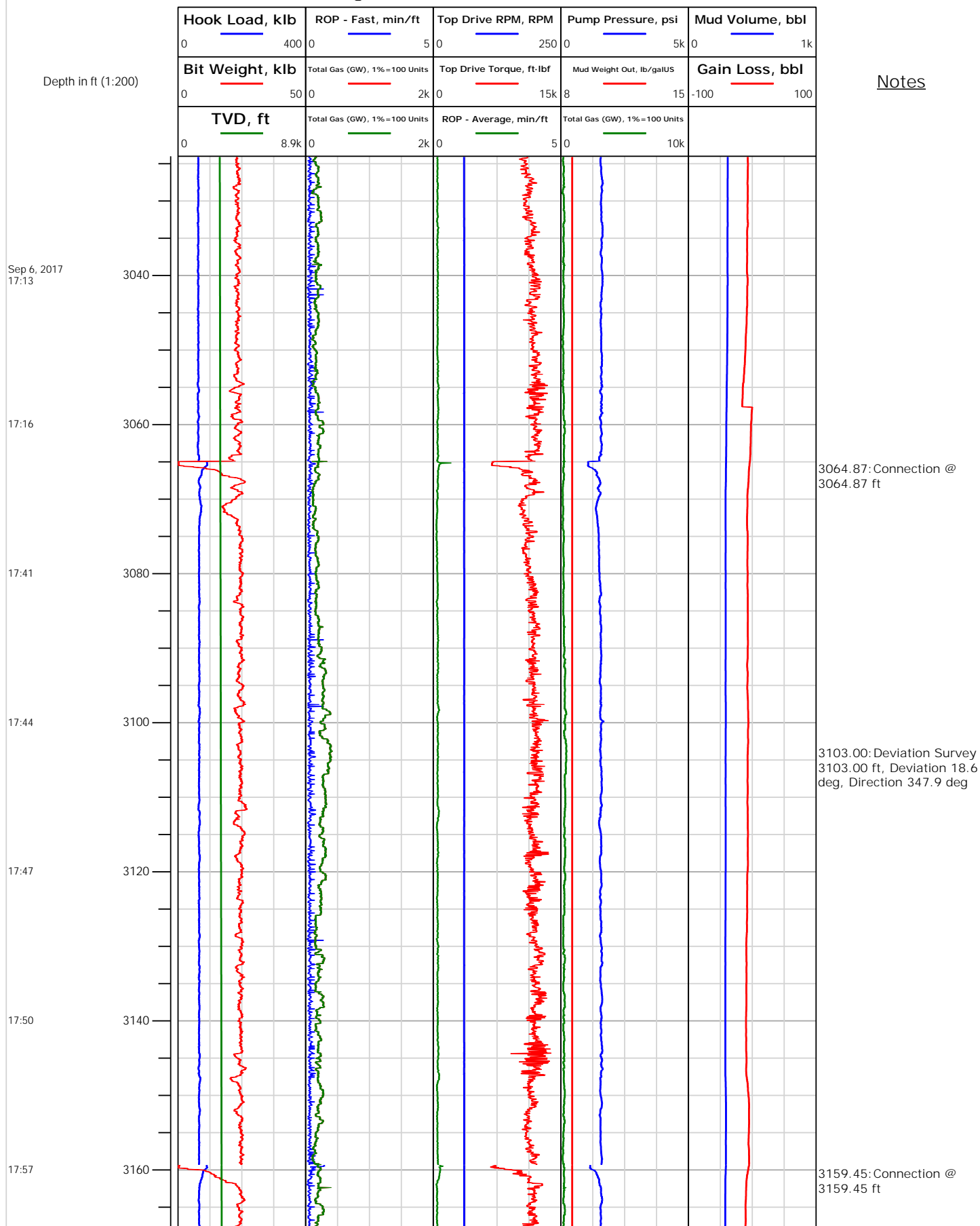
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





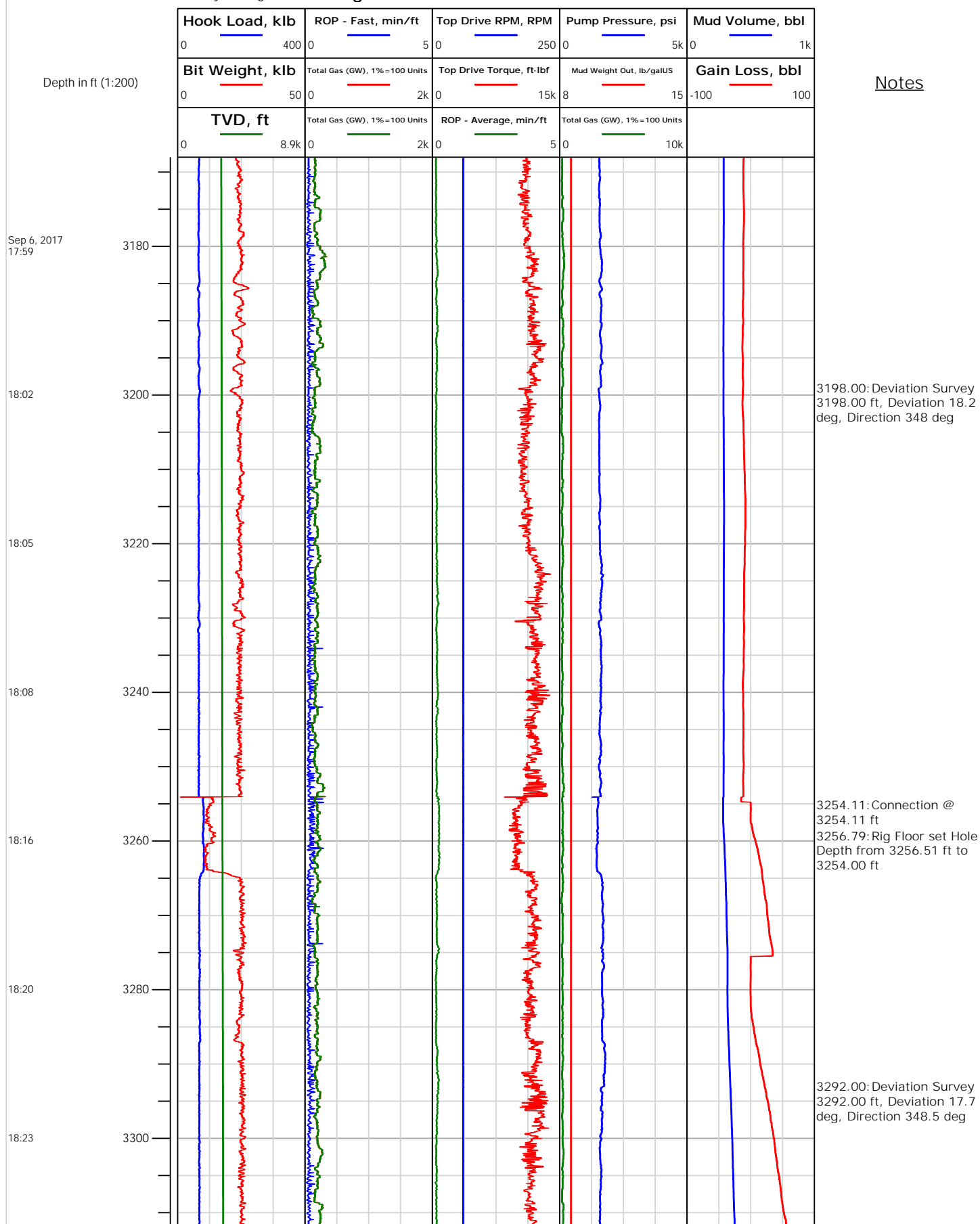
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





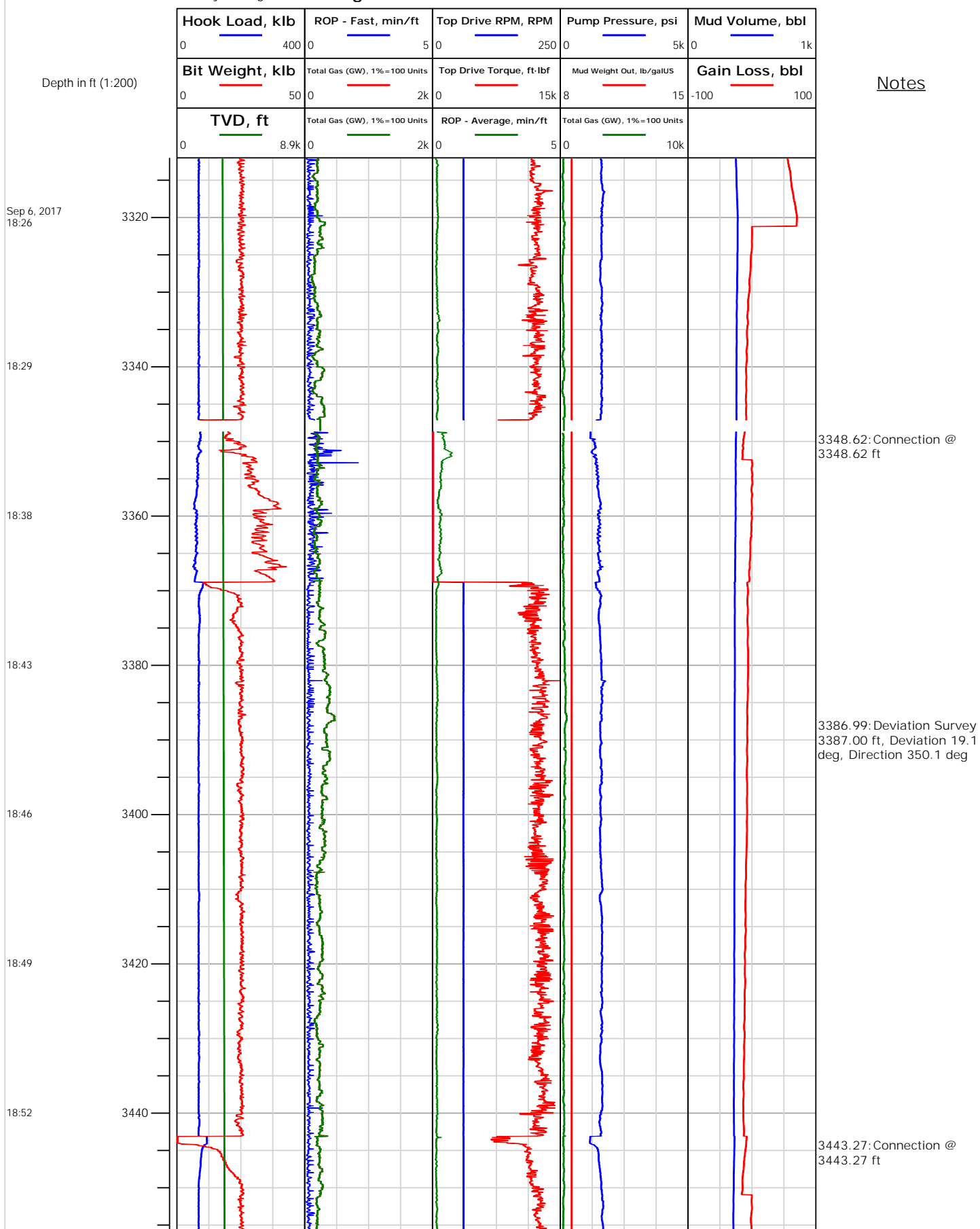
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





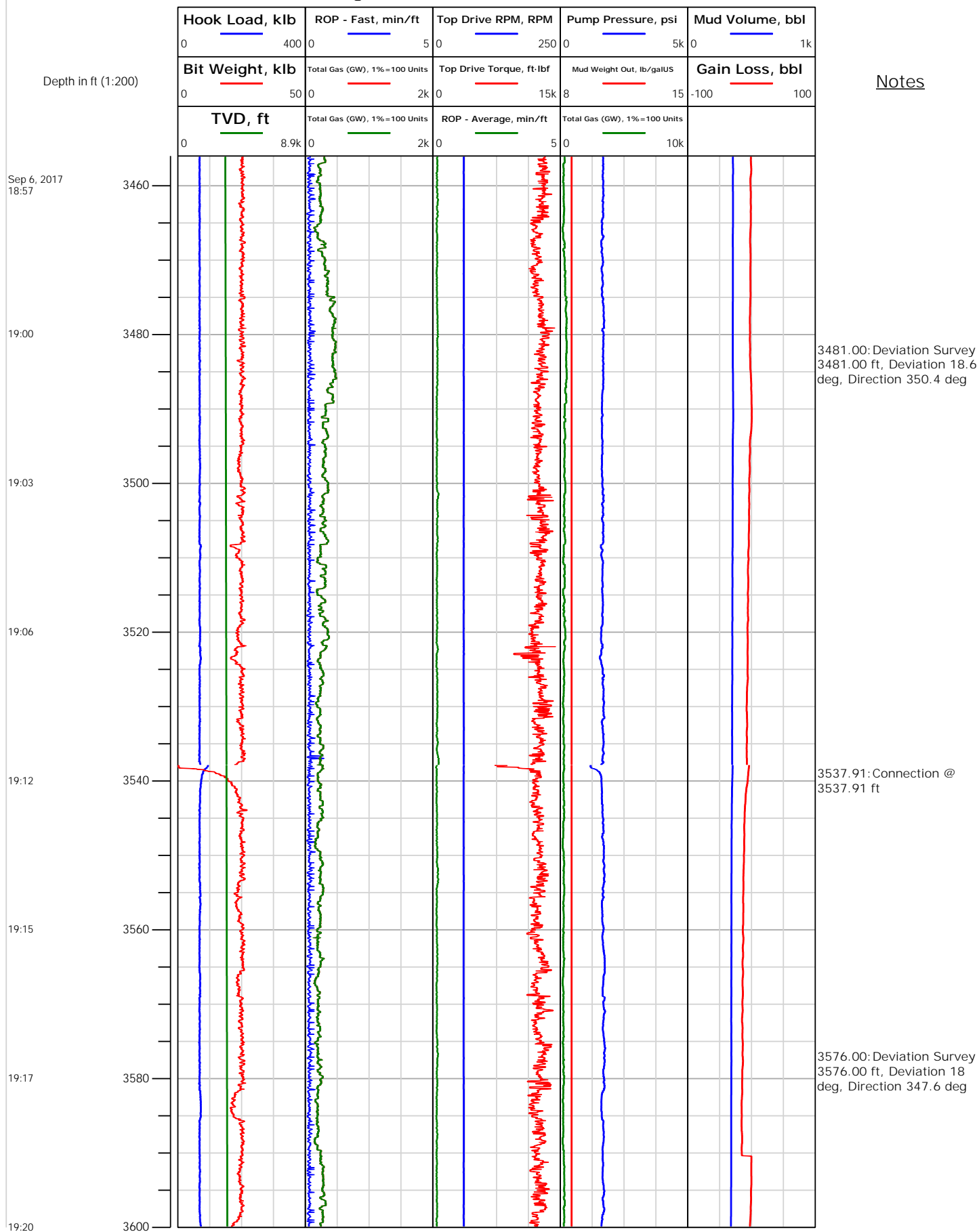
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





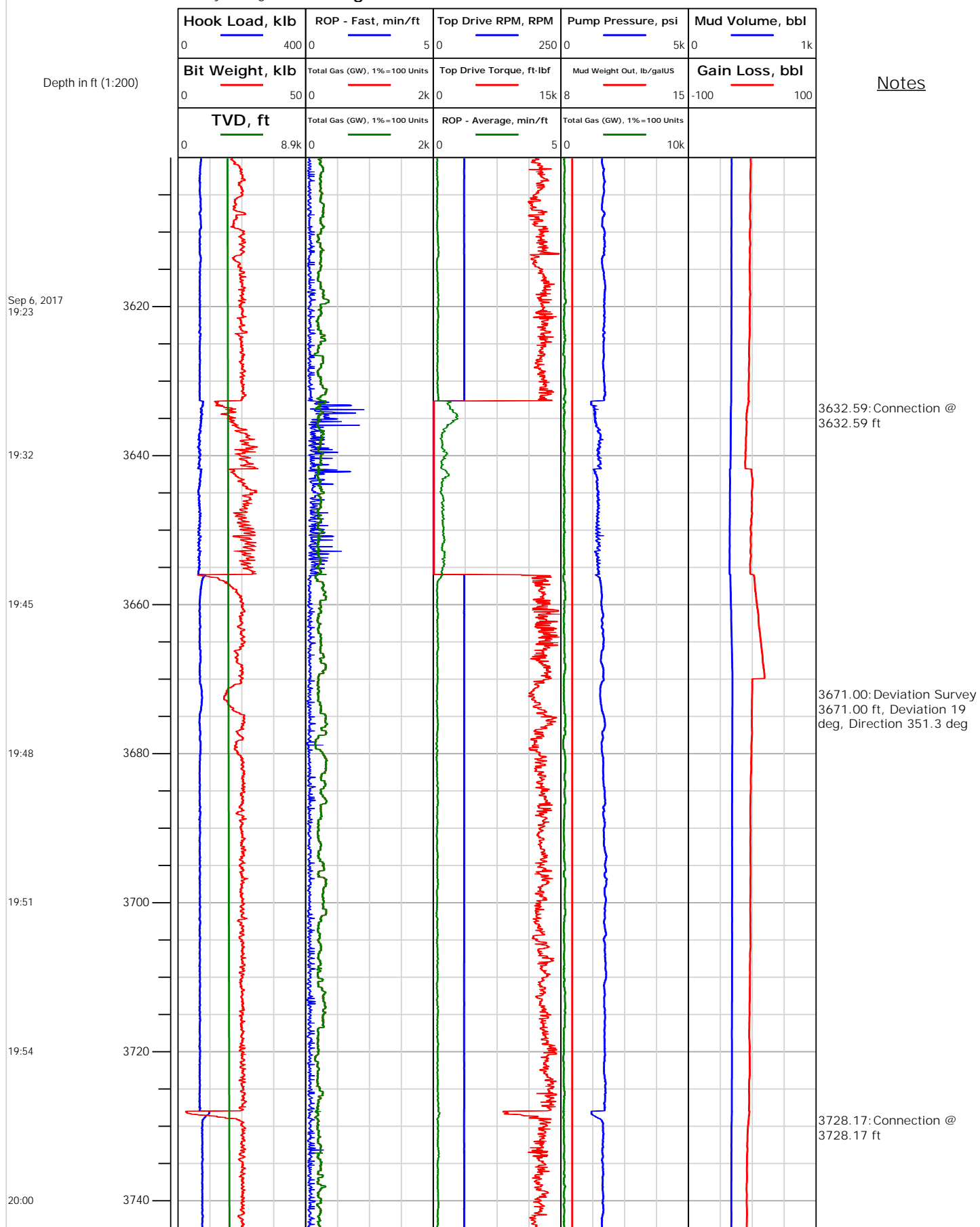
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Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: Bruton 19-04W
Rig: 290

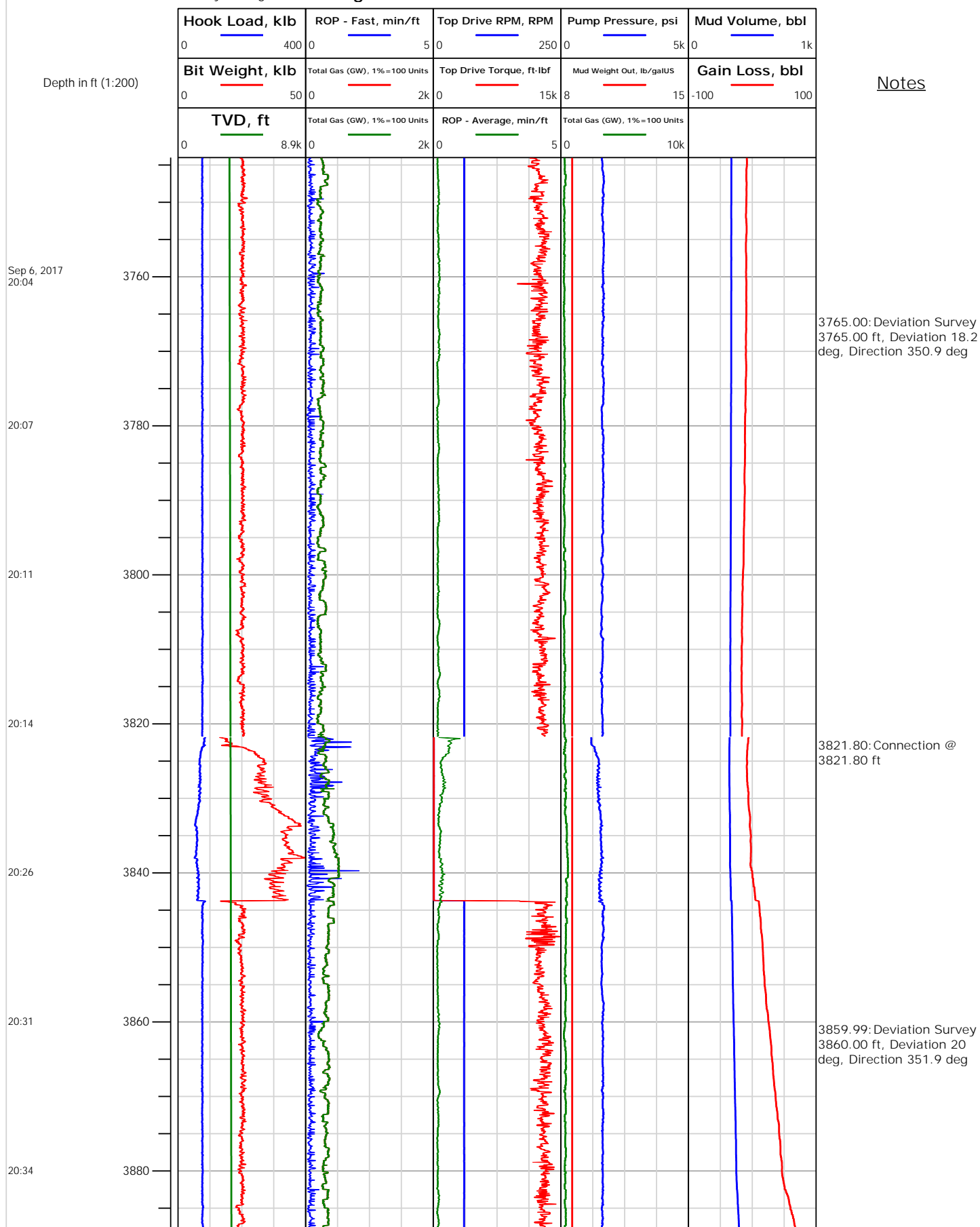
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Notes



Electronic Drilling Recorder

Location:





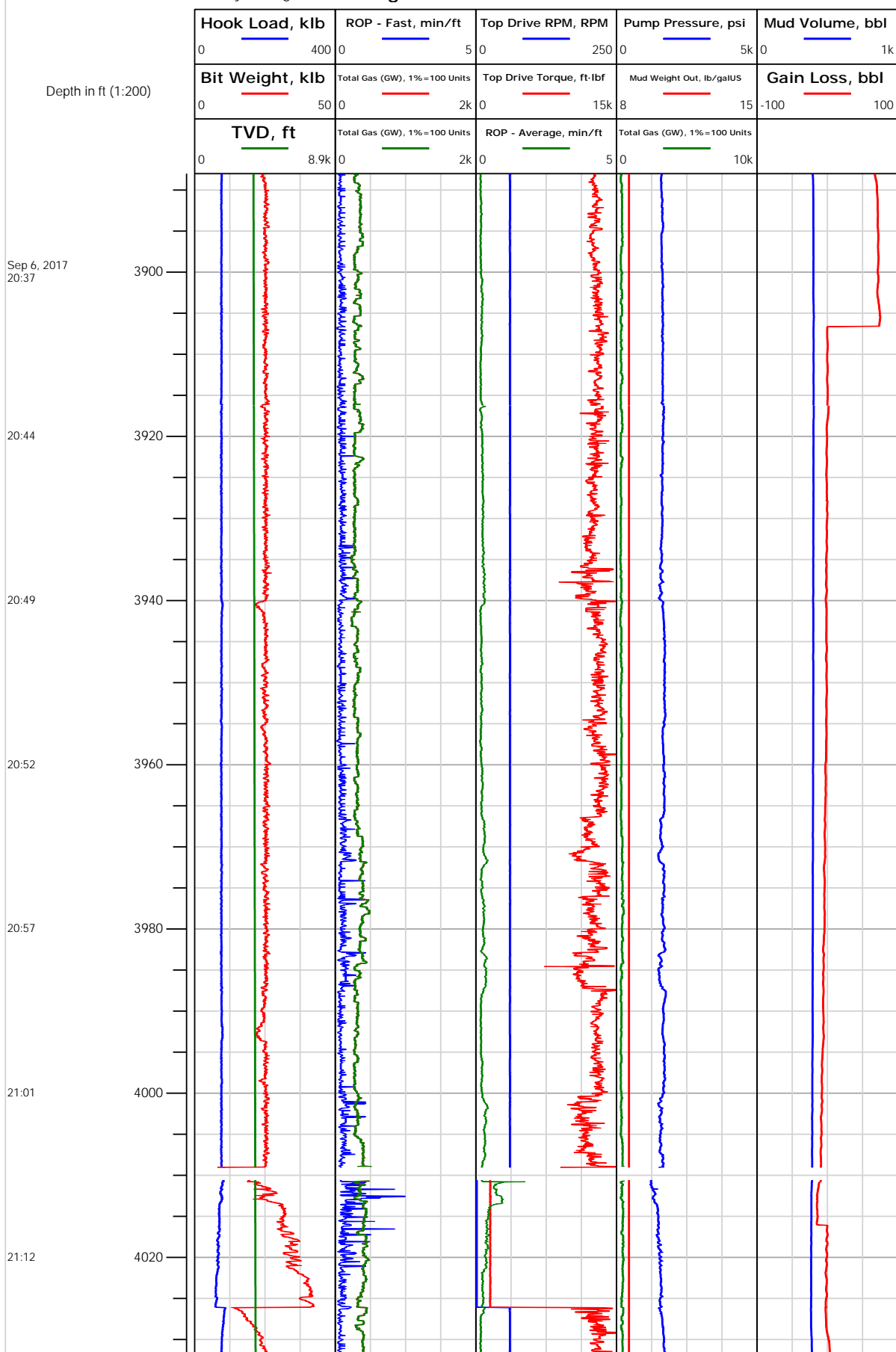
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





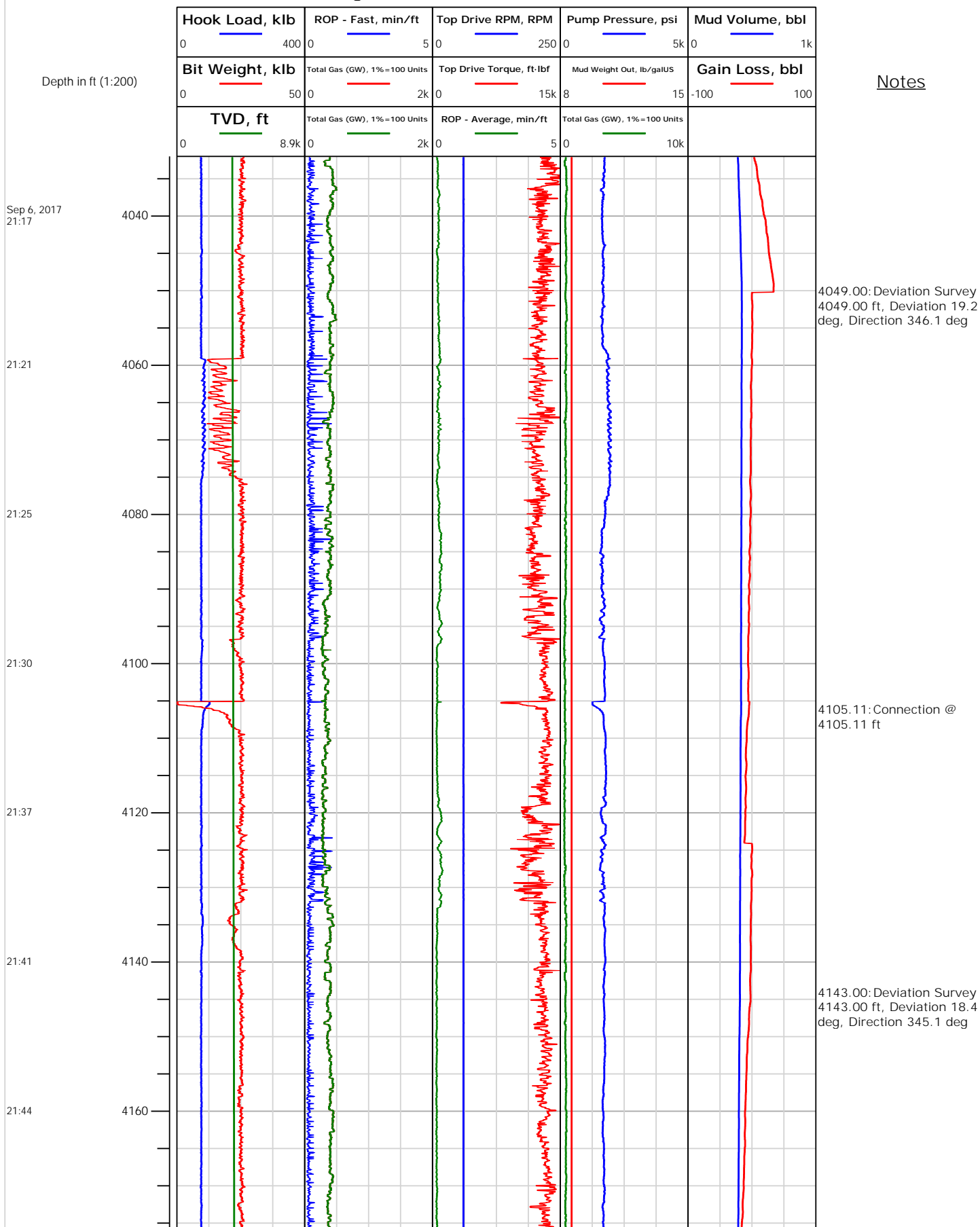
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





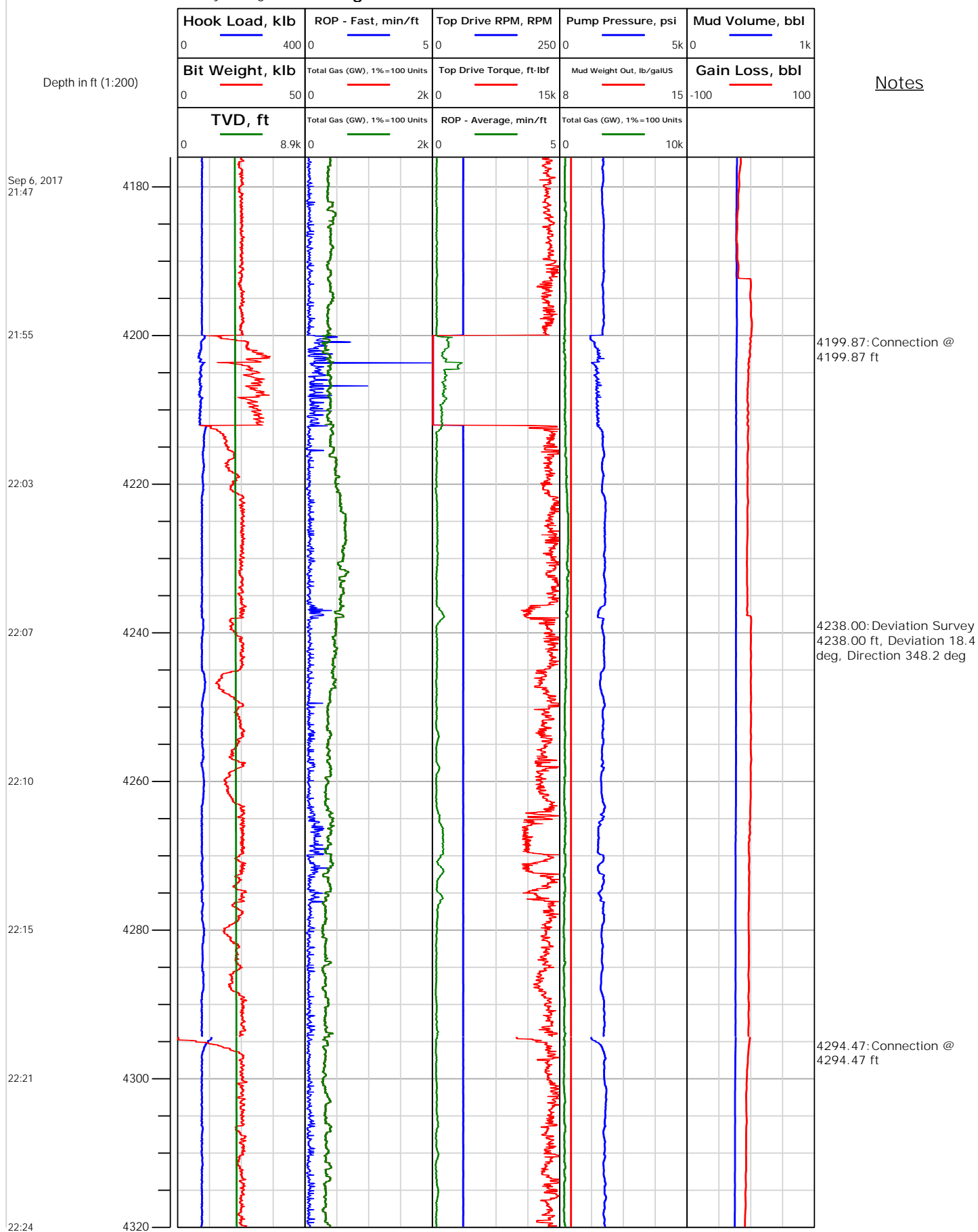
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





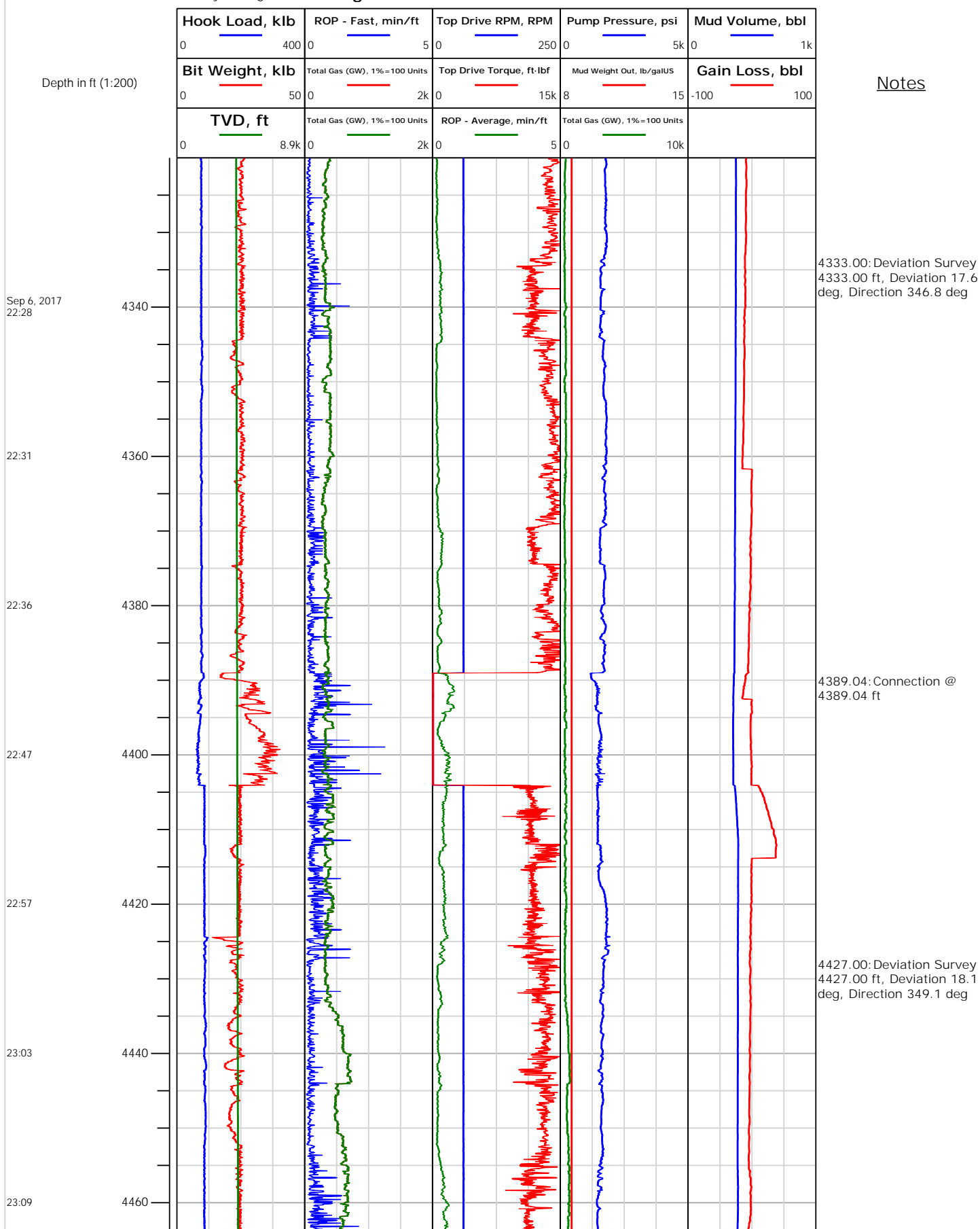
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





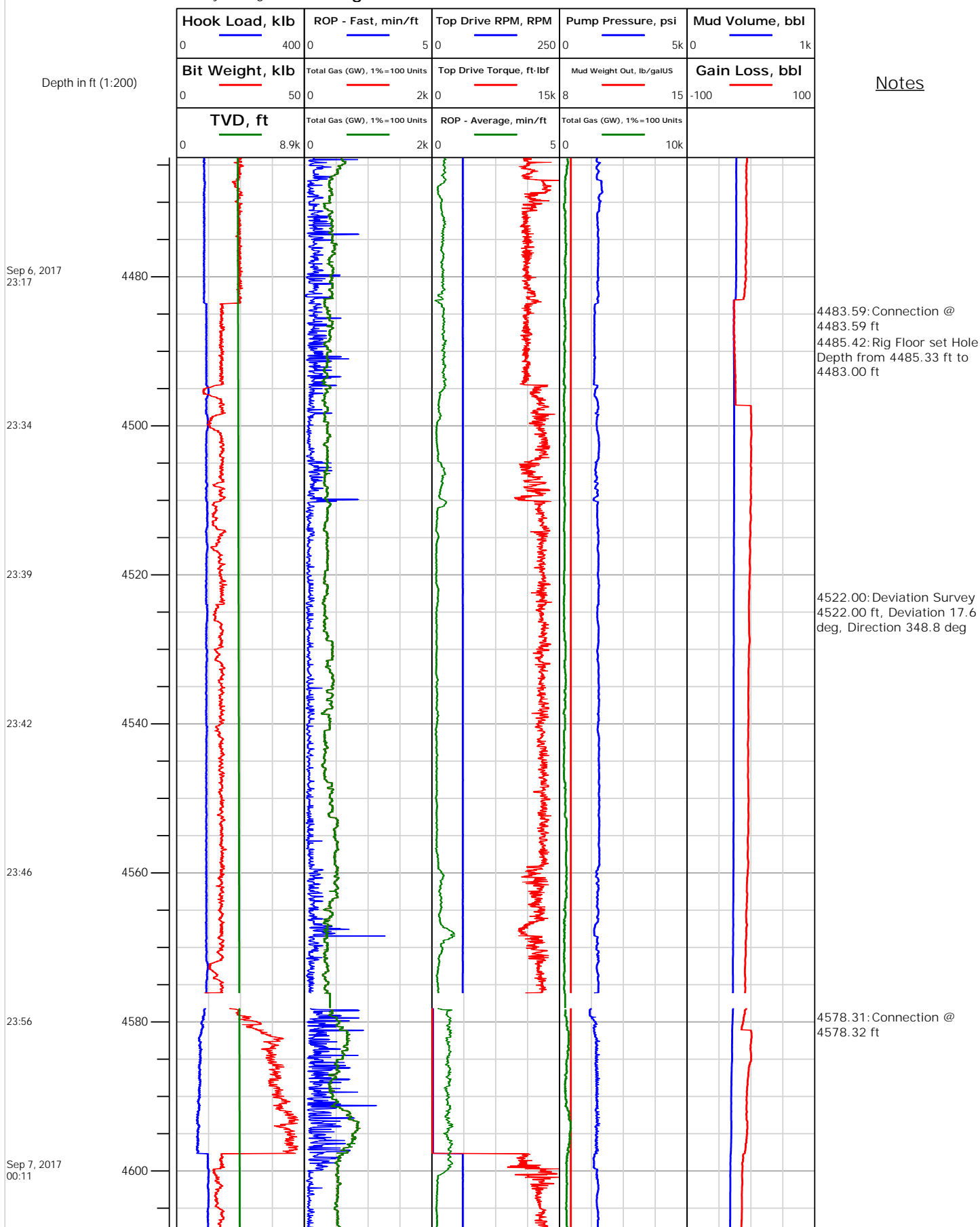
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





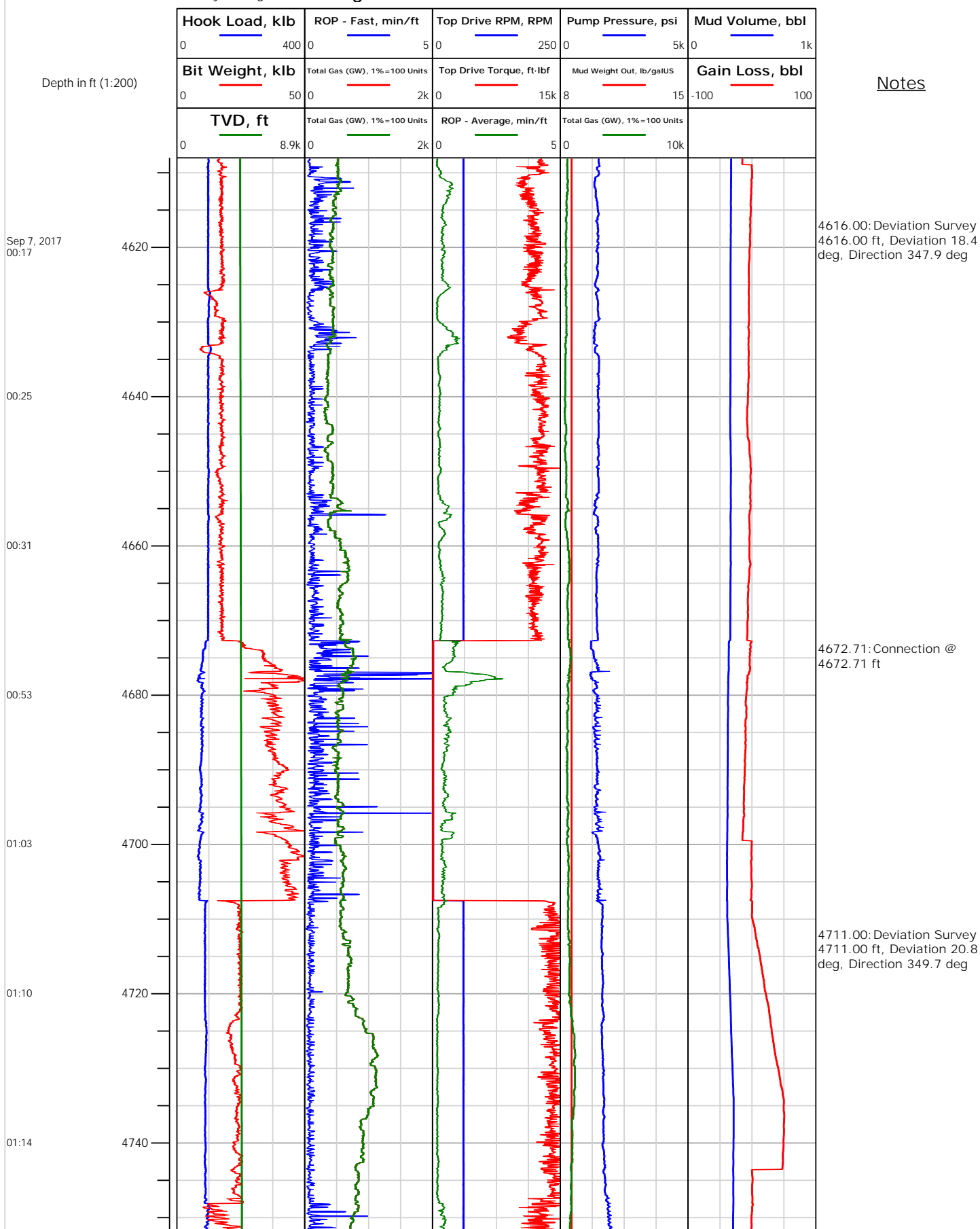
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





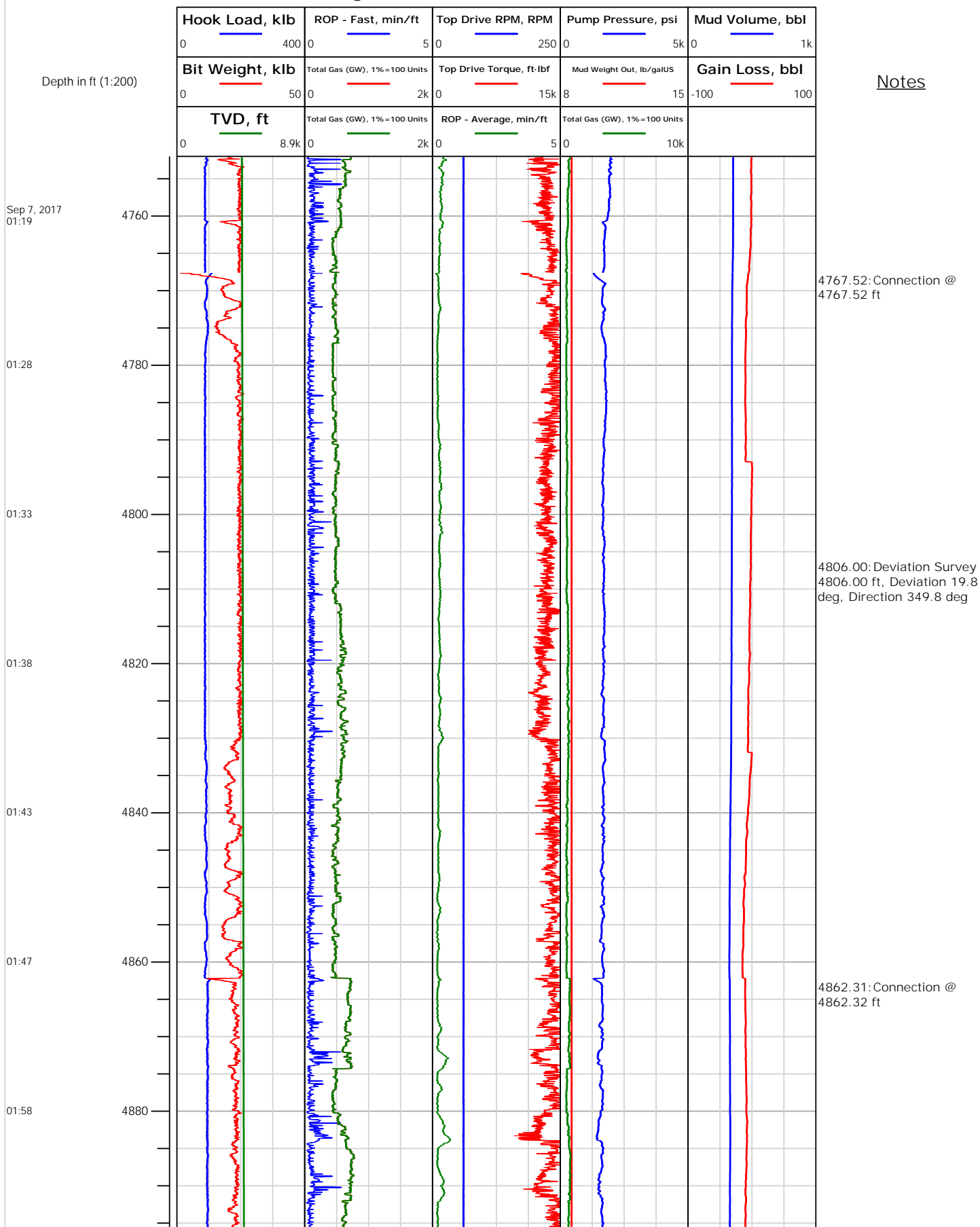
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





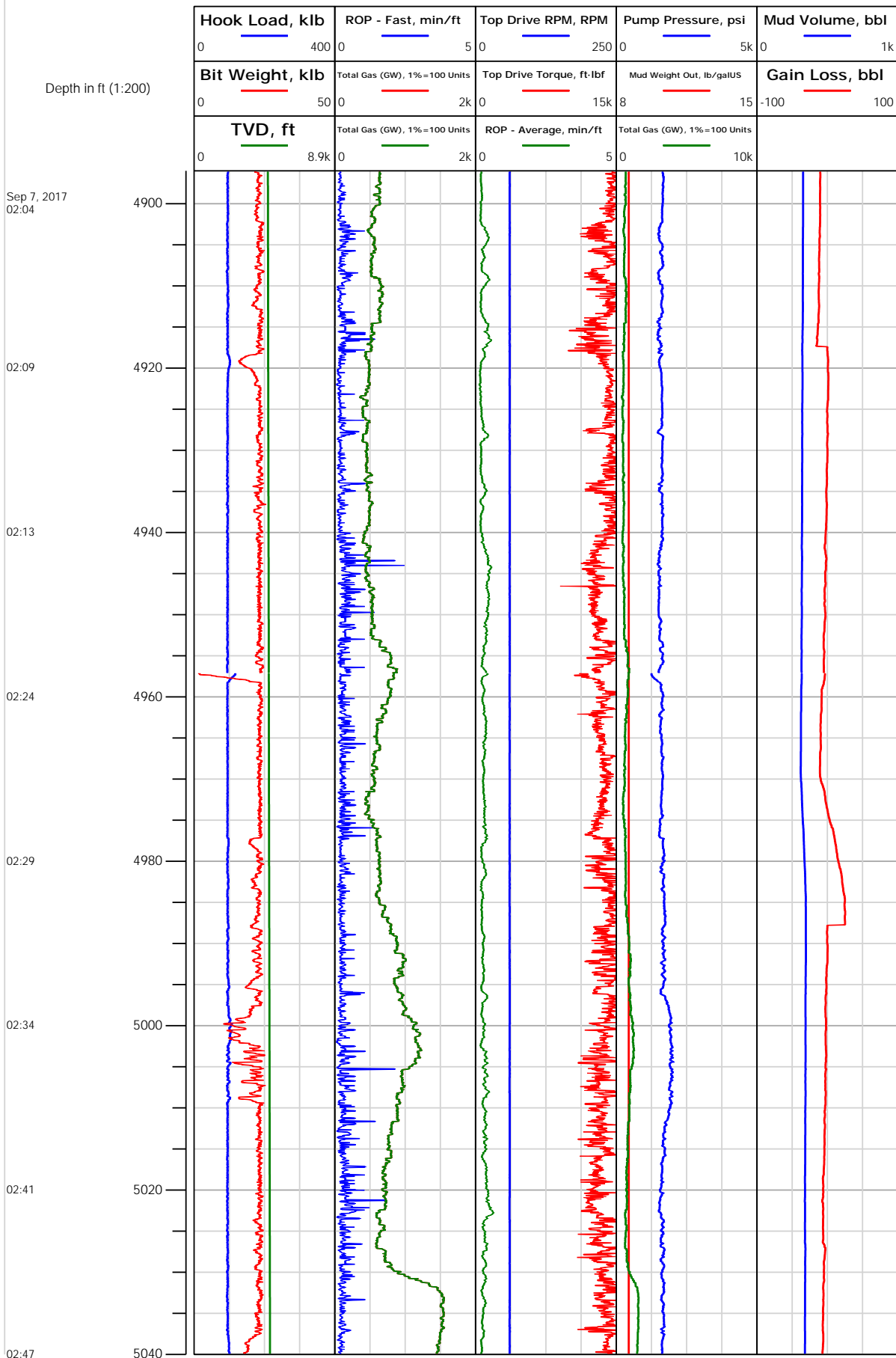
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





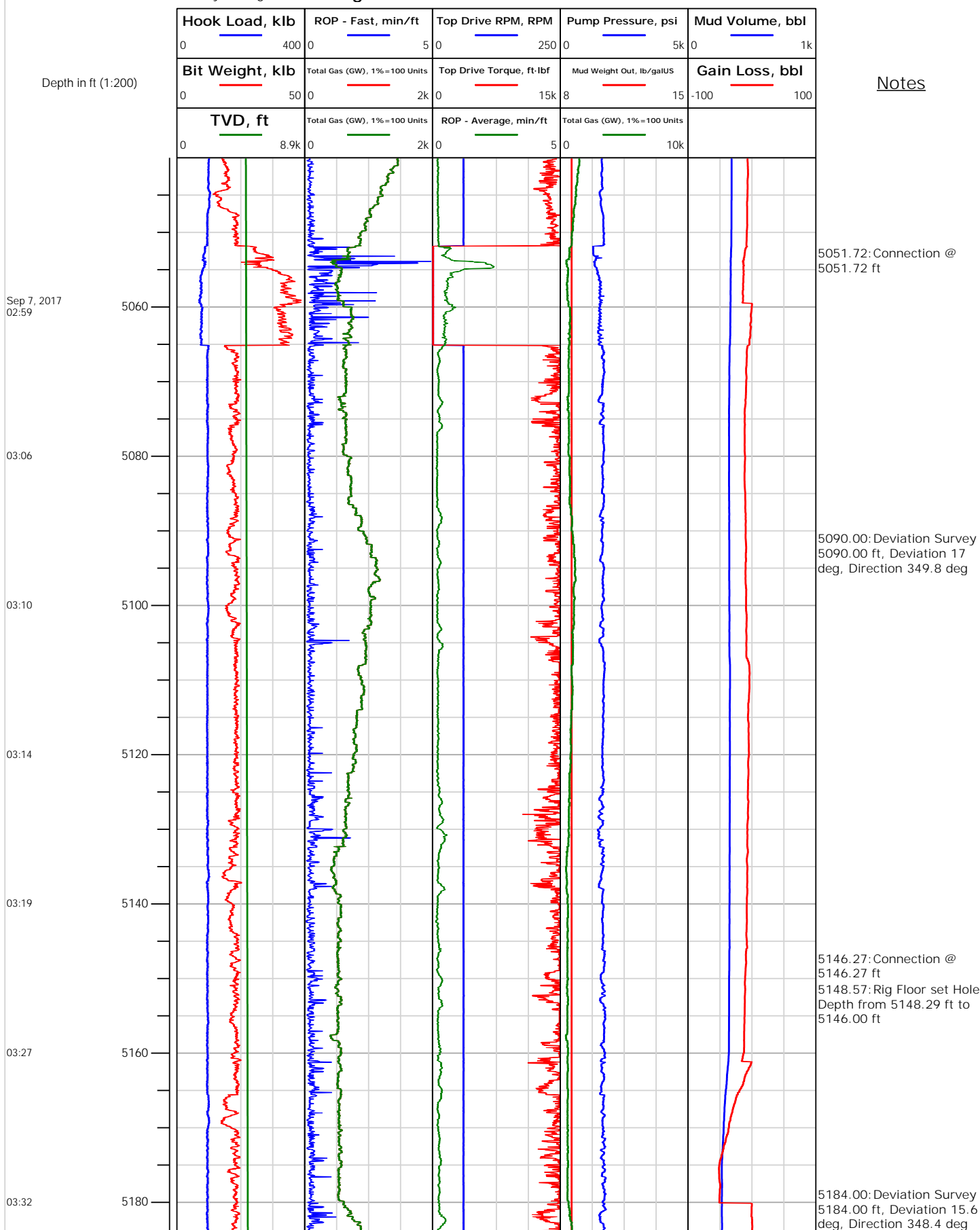
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





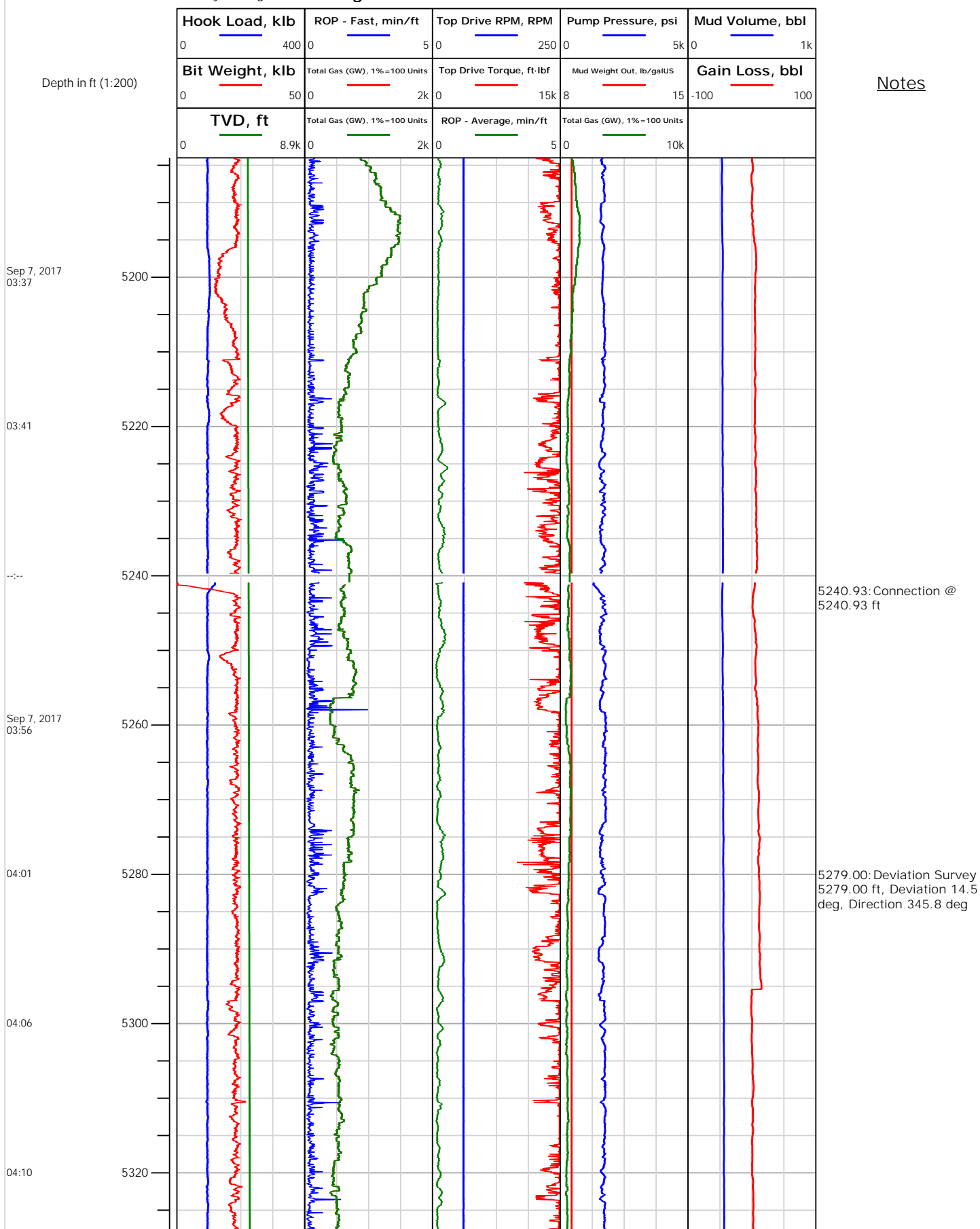
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





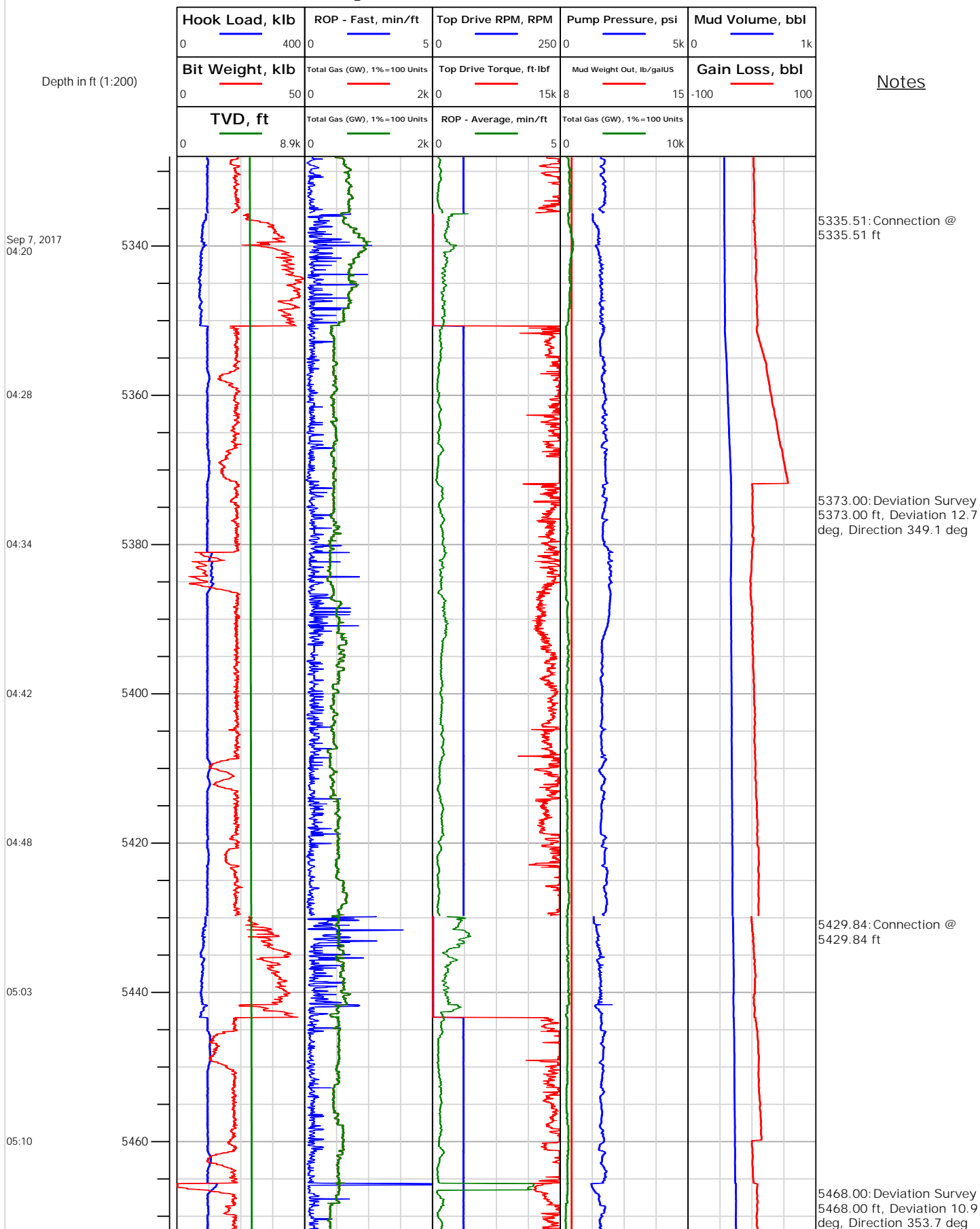
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





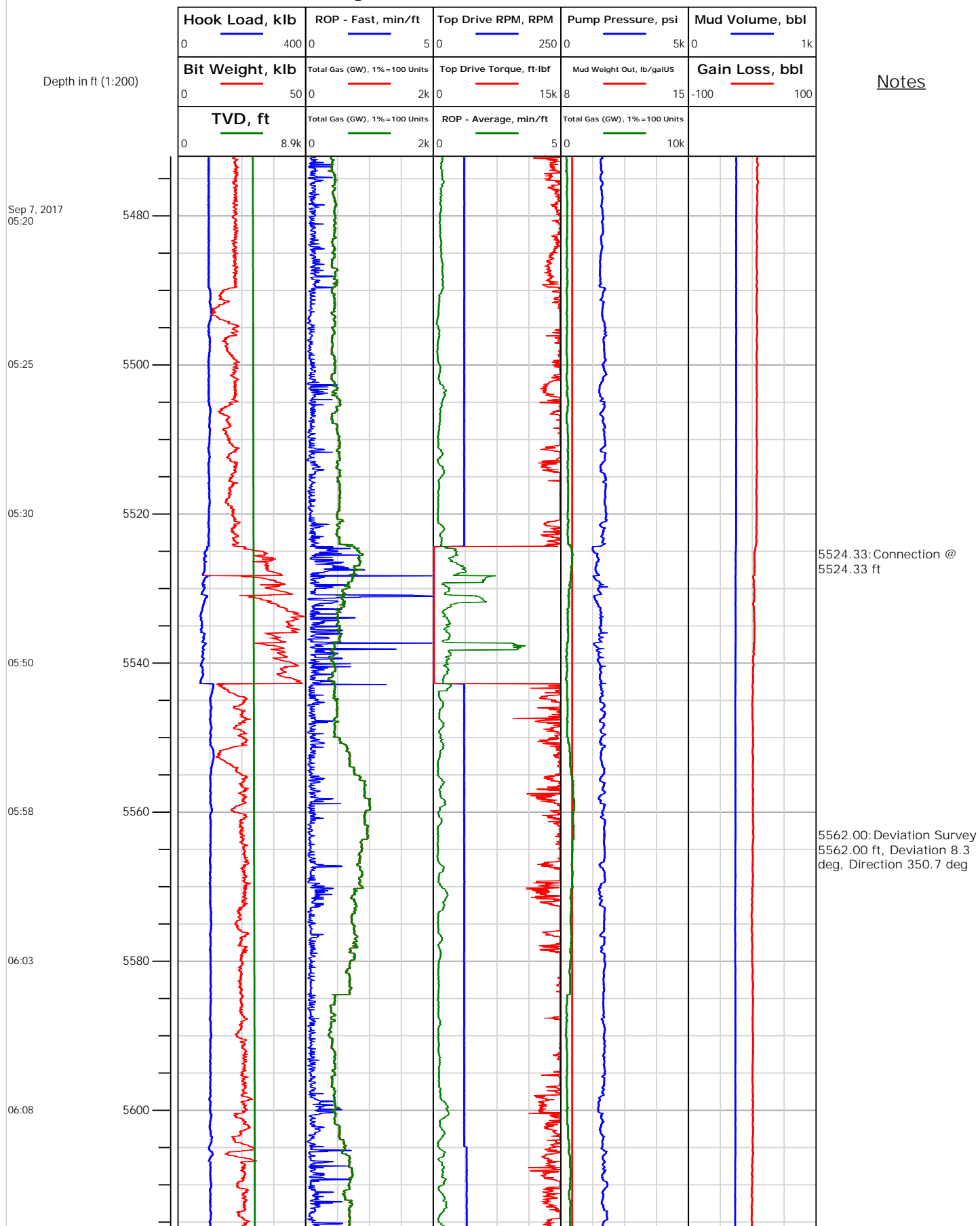
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Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





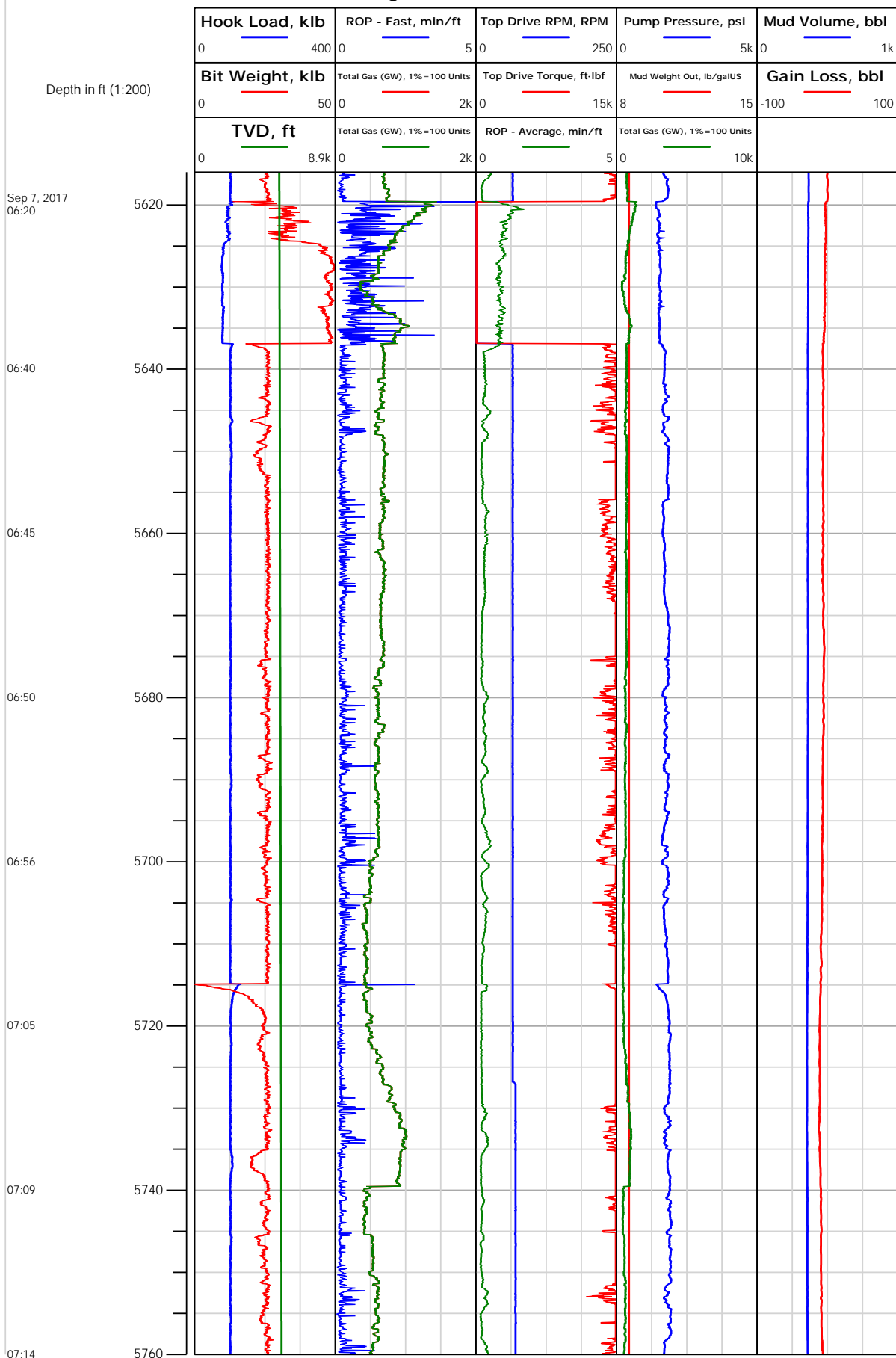
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





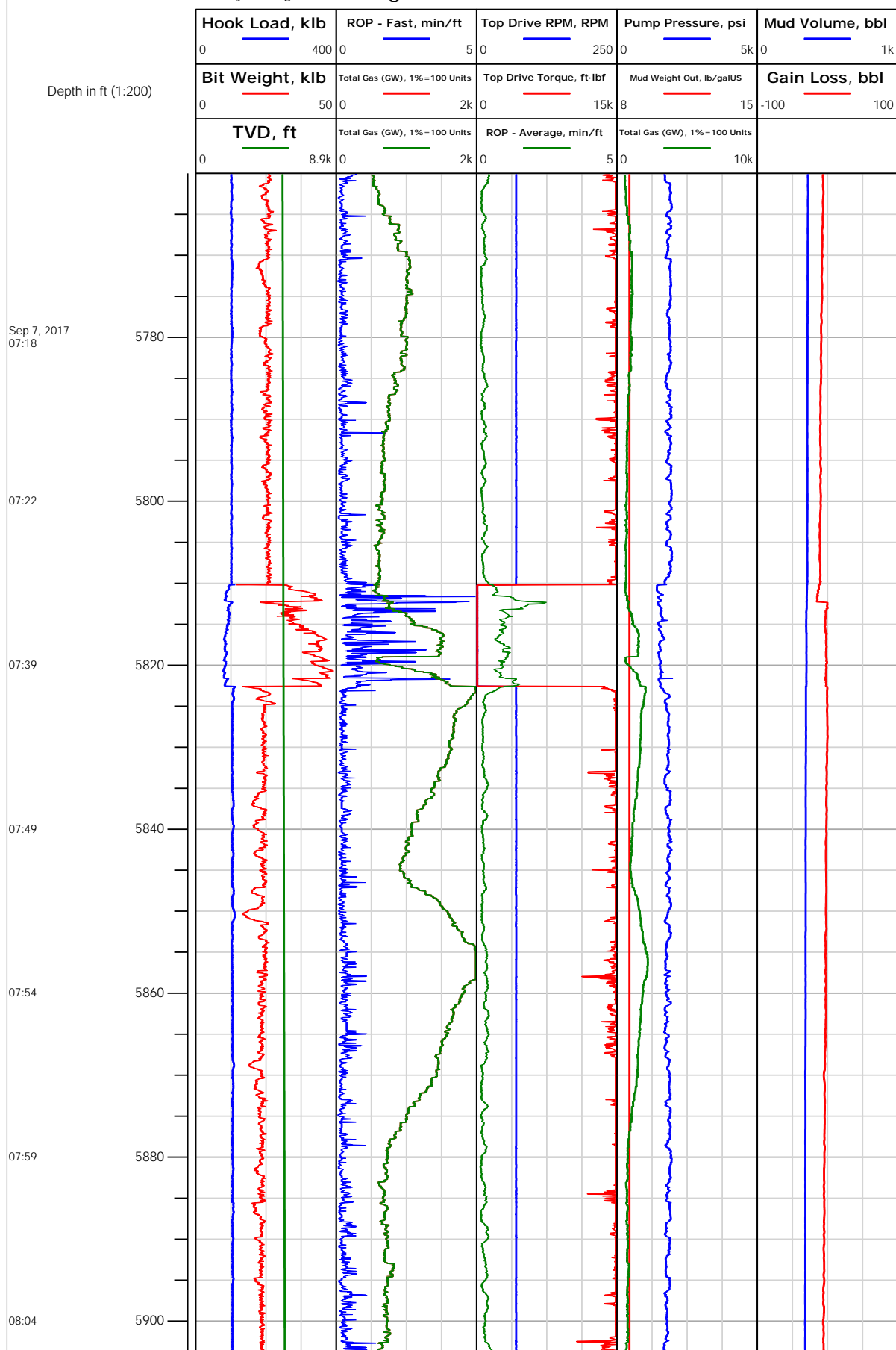
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Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





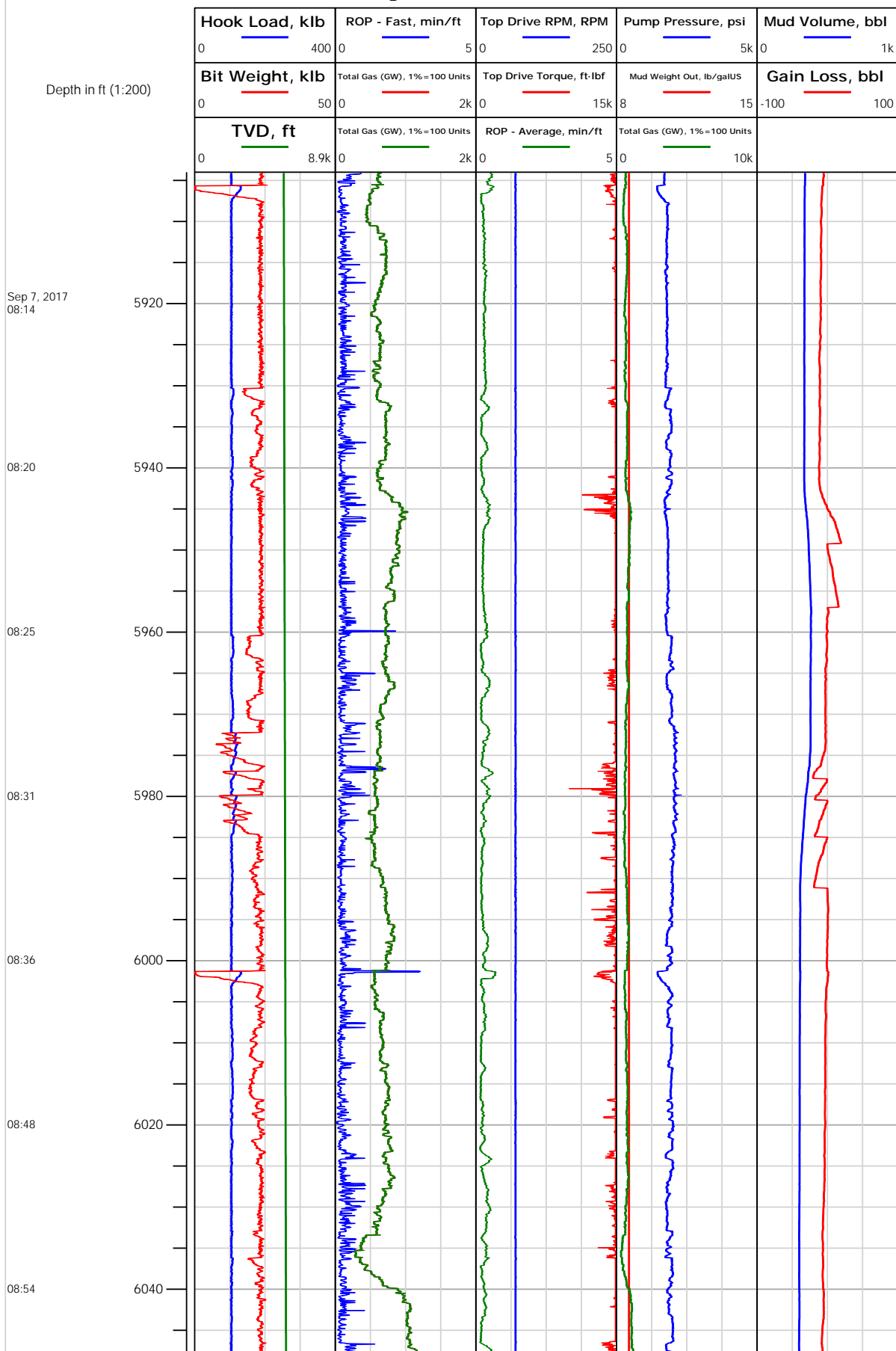
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





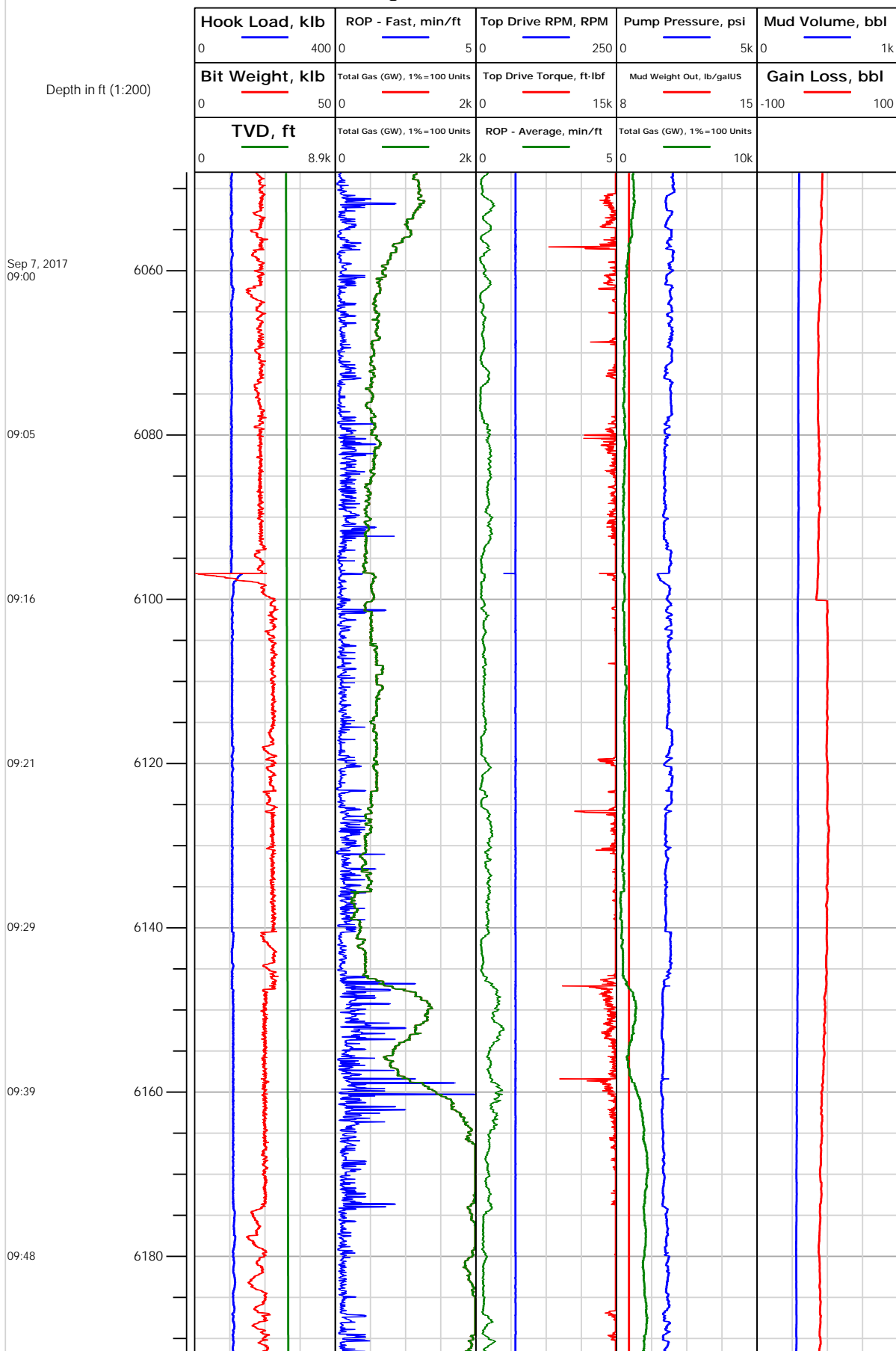
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





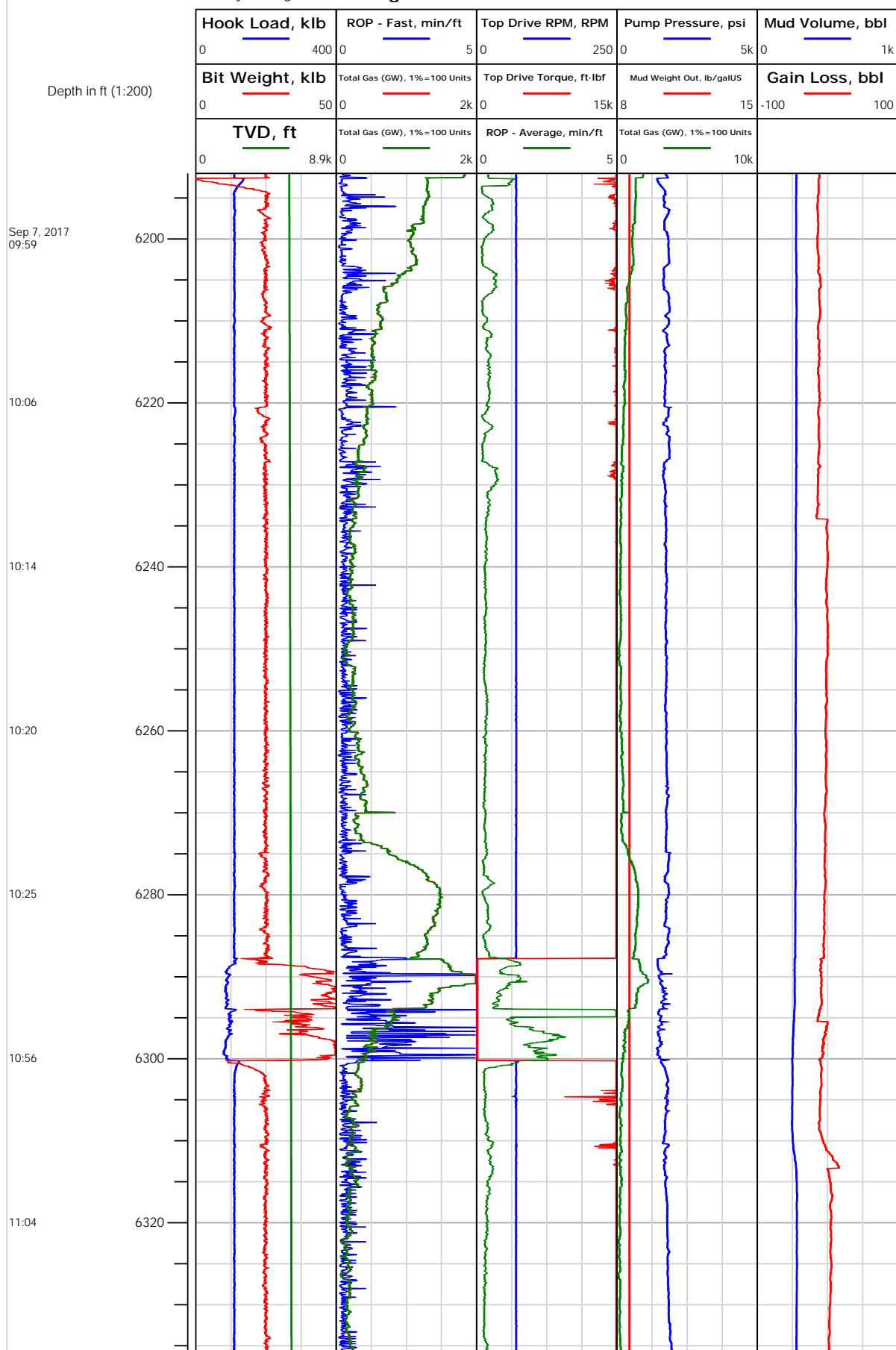
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Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





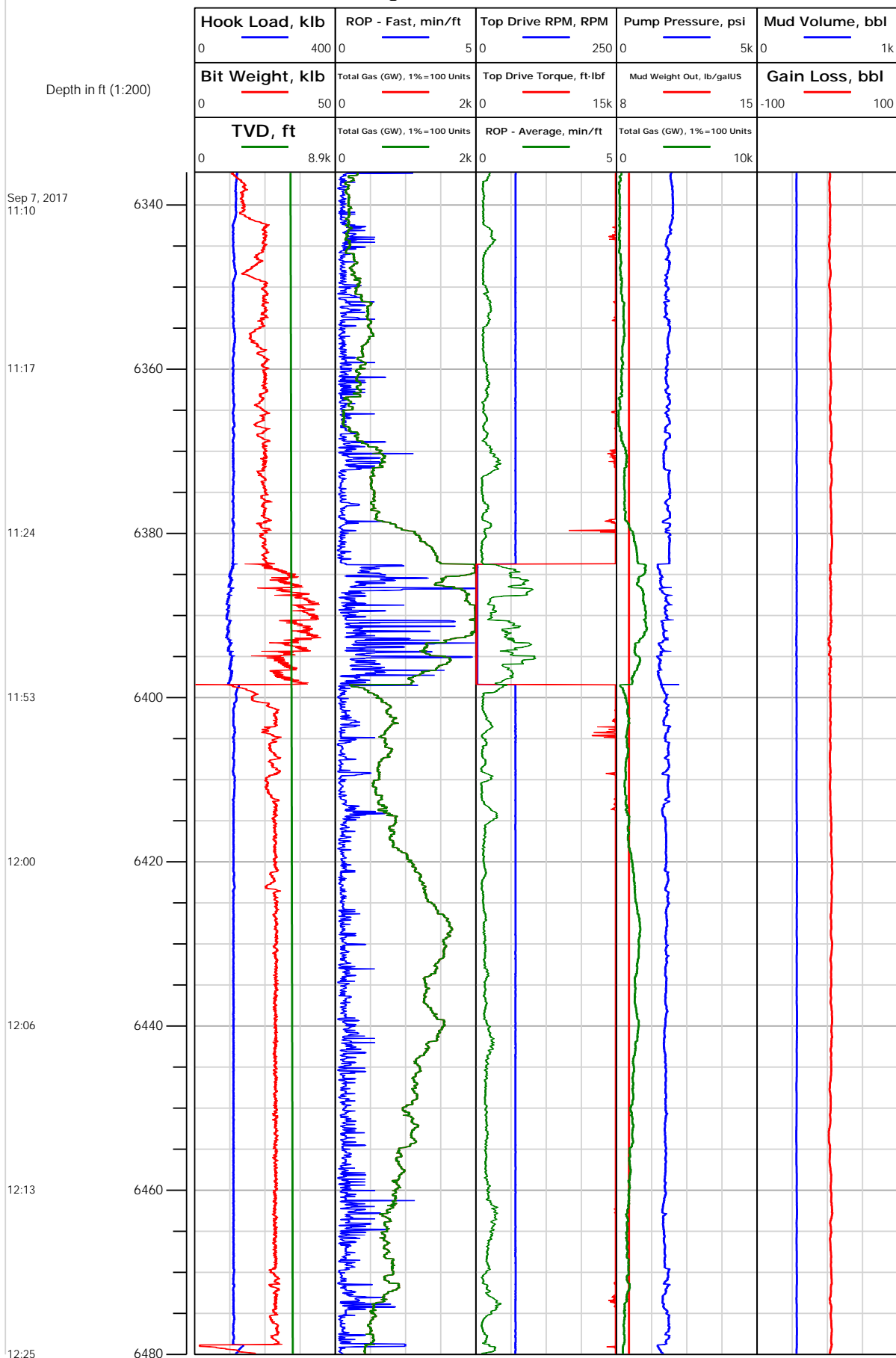
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





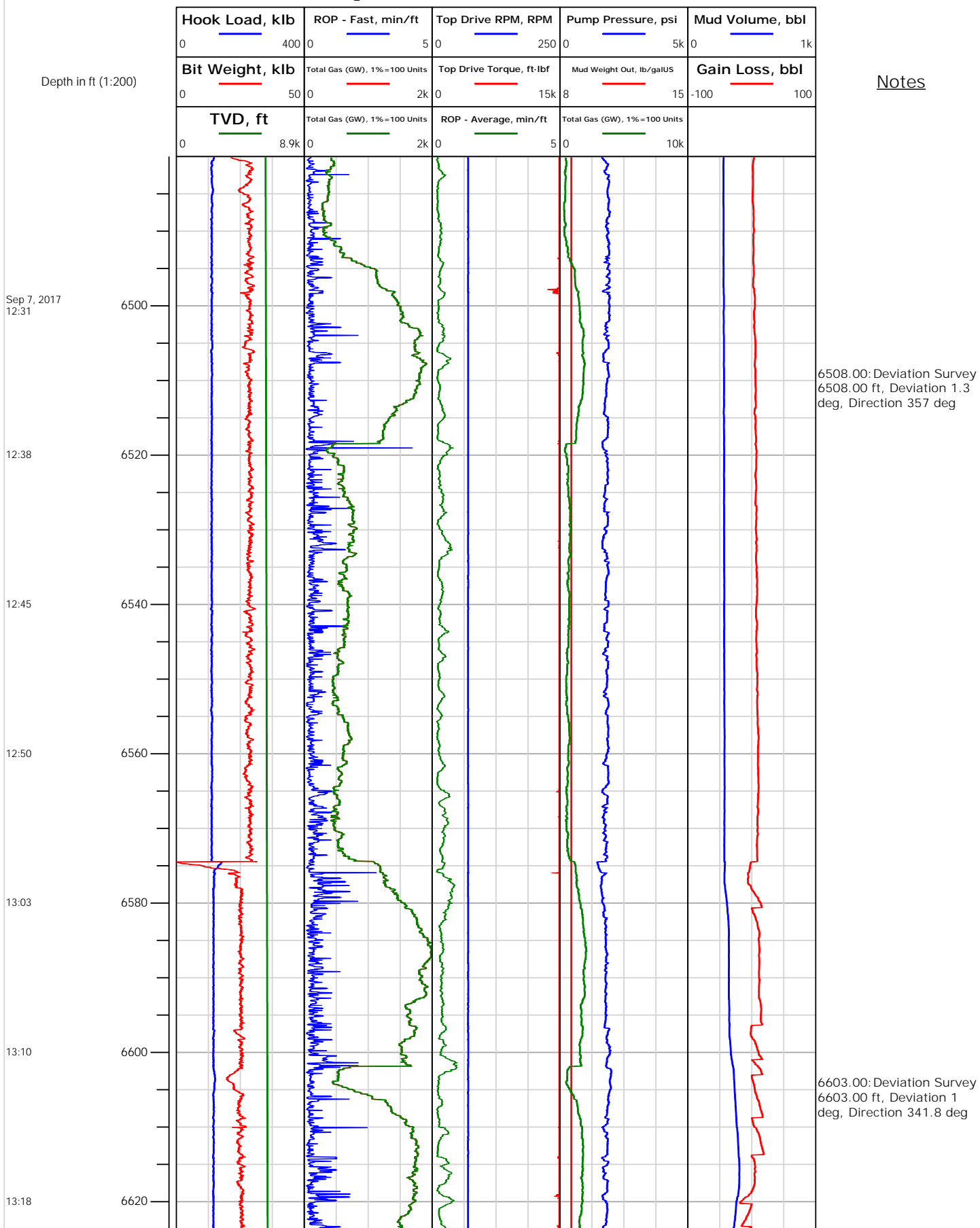
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





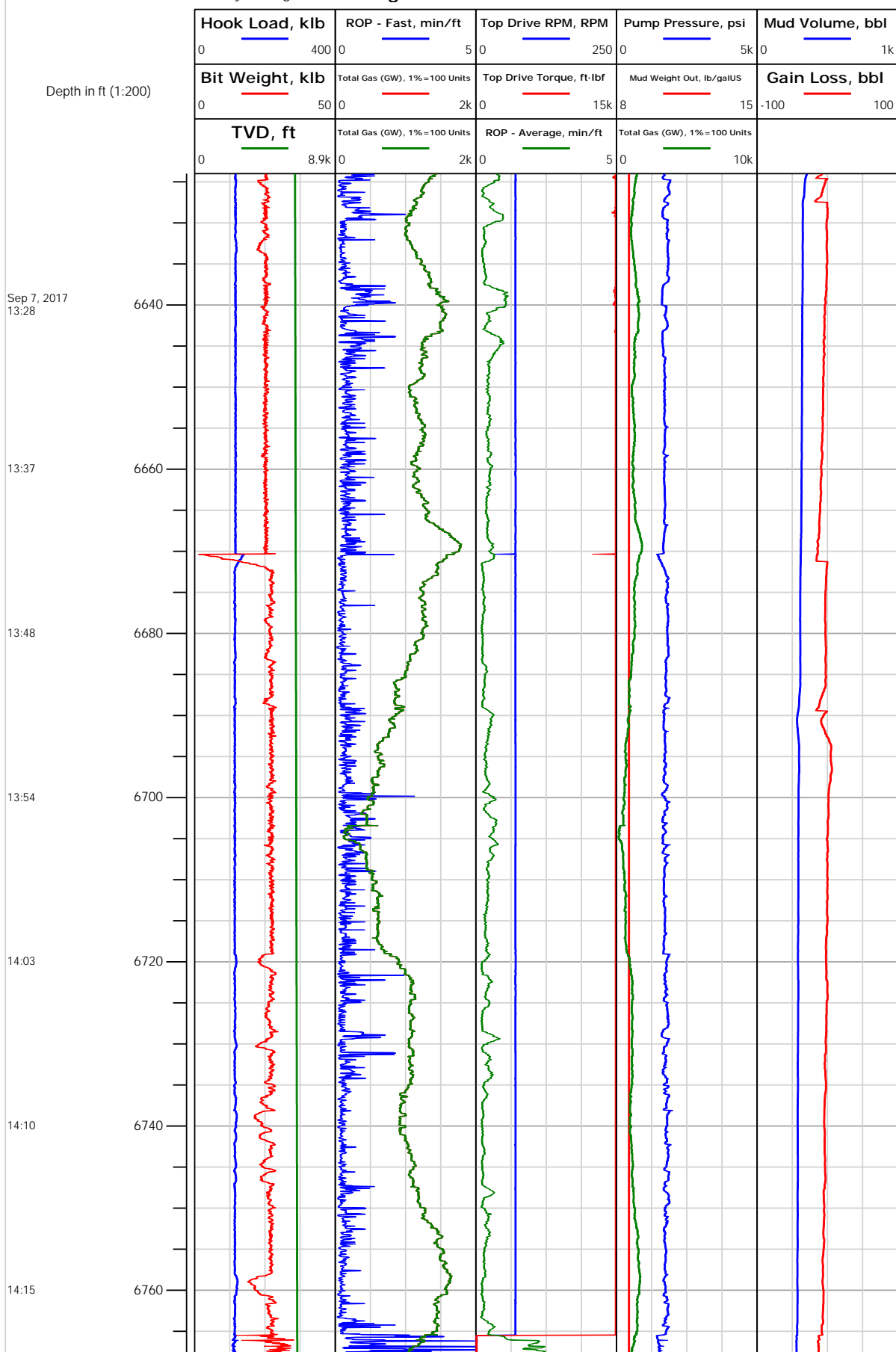
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





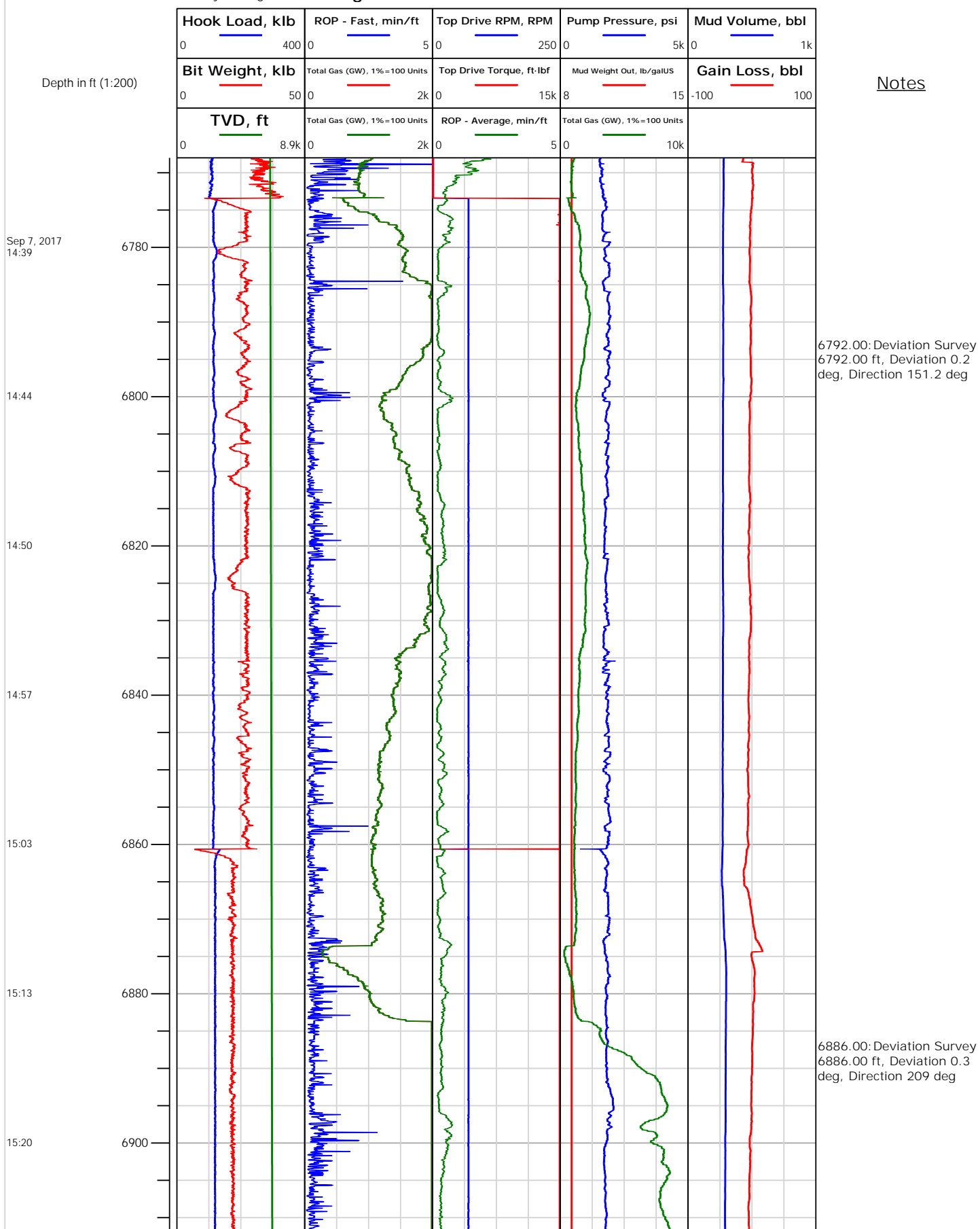
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Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





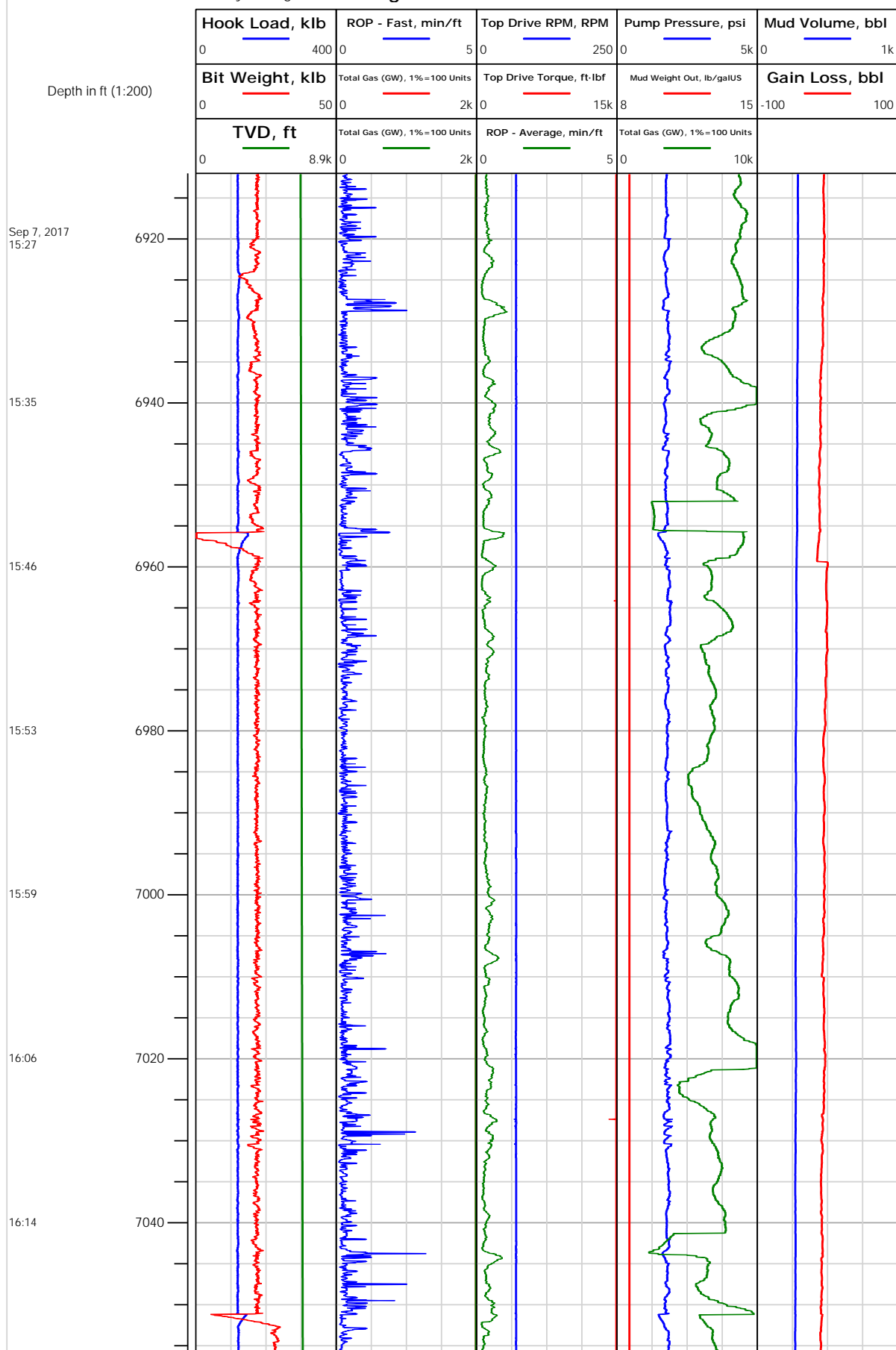
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes



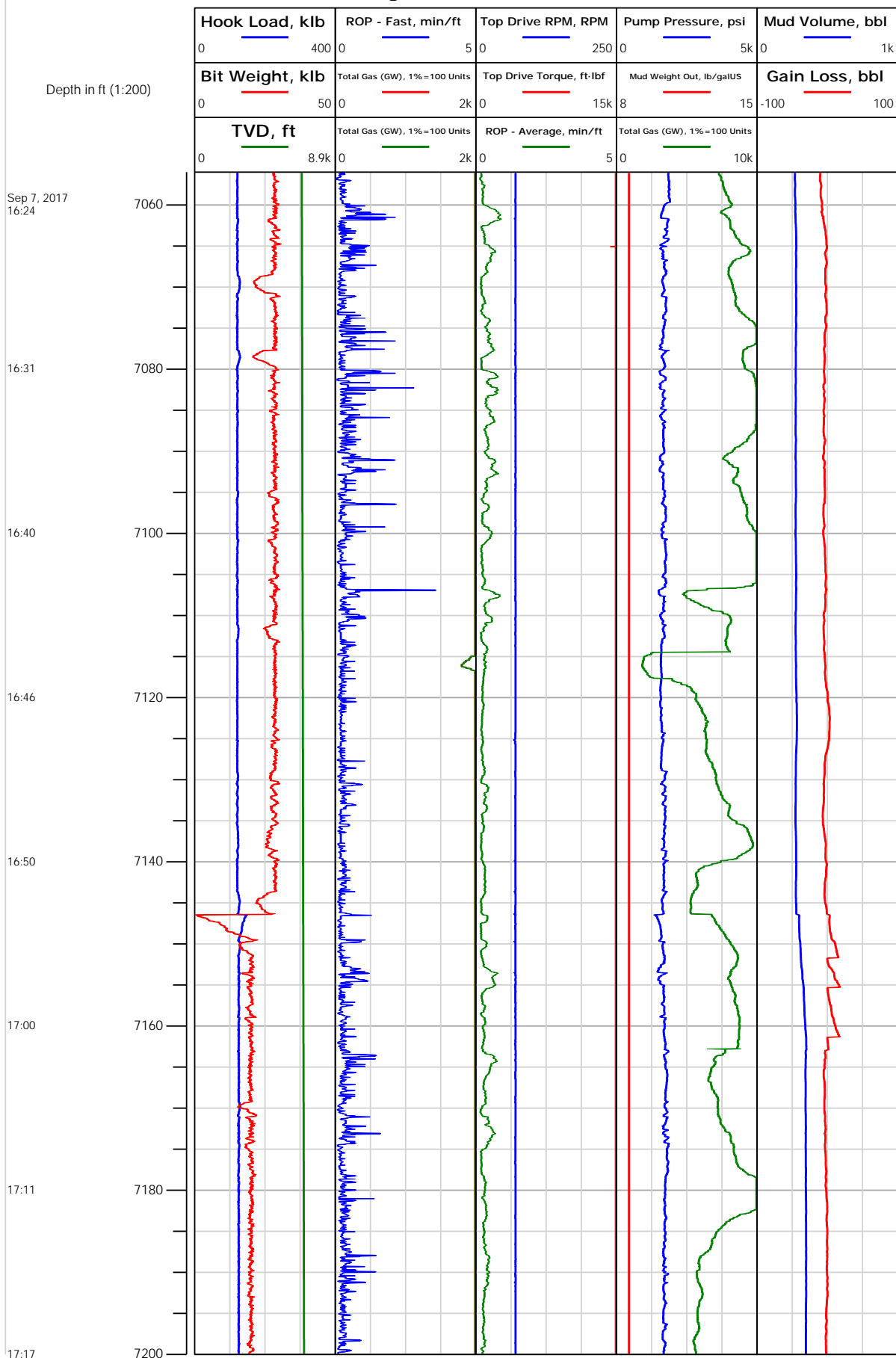


Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:



Notes

7076.00: Deviation Survey
7076.00 ft, Deviation 1.2
deg, Direction 239.1 deg

7170.00: Deviation Survey
7170.00 ft, Deviation 1.4
deg, Direction 213 deg

7178.68: Rig Floor set Hole
Depth from 7176.86 ft to
7163.00 ft



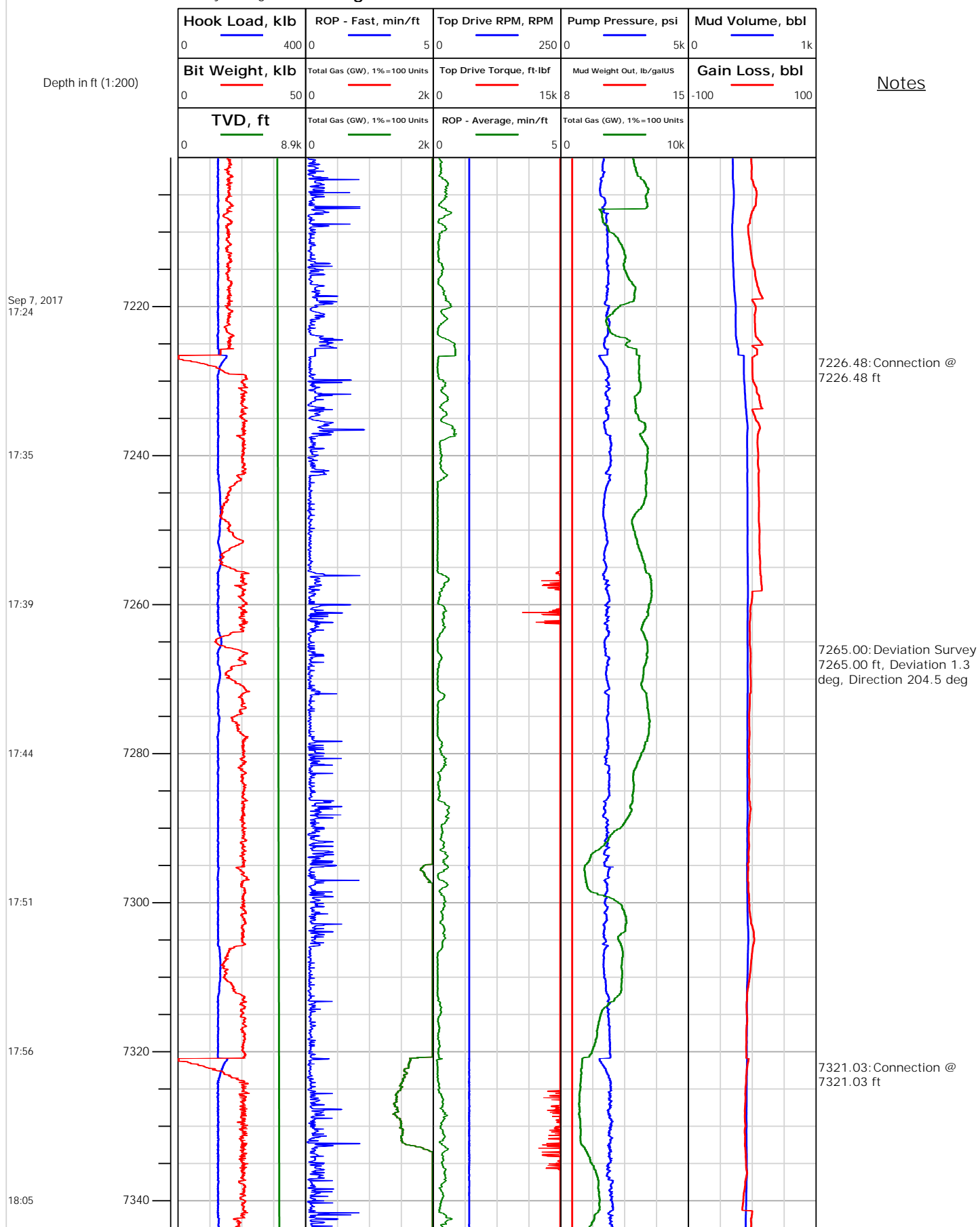
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Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





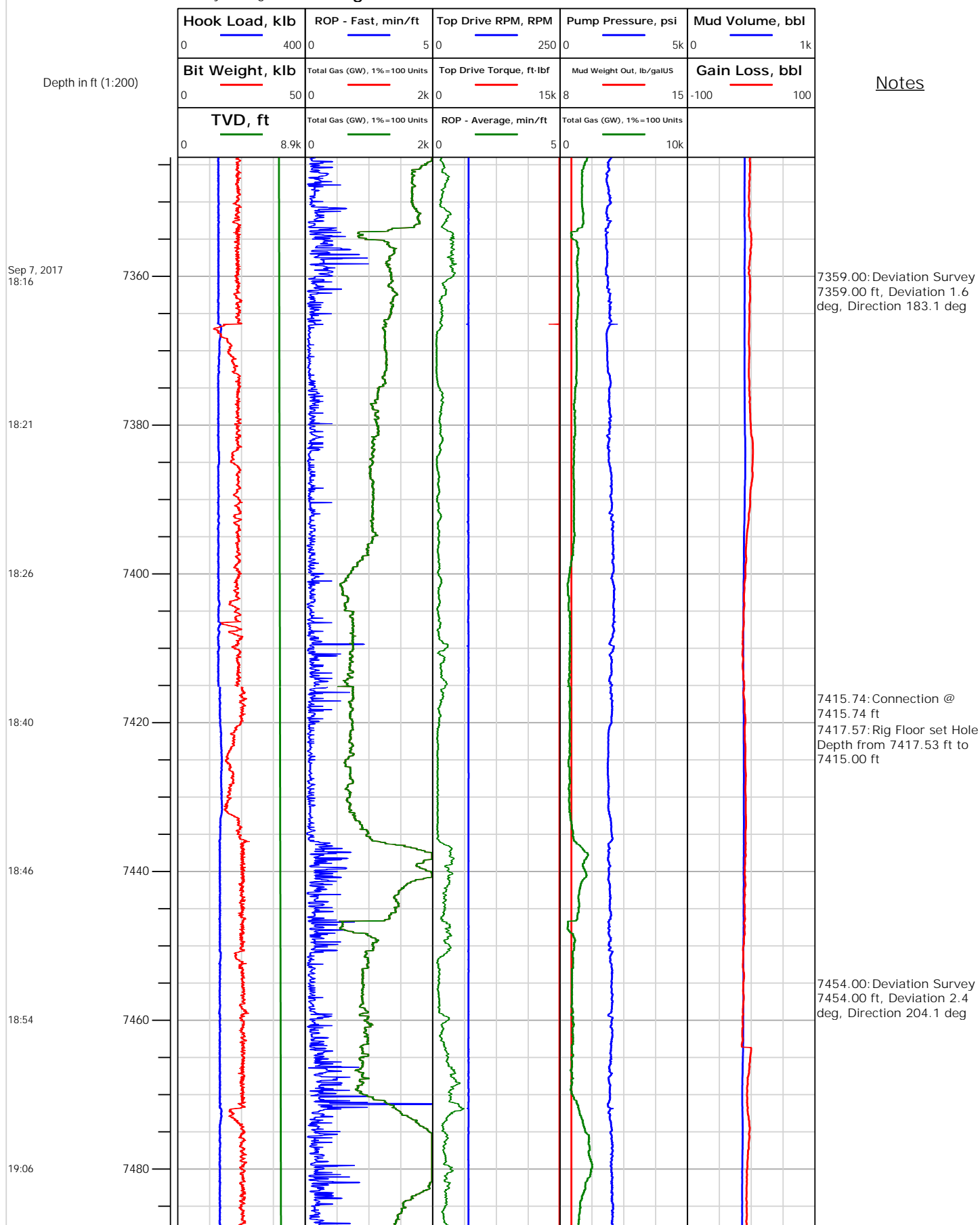
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Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





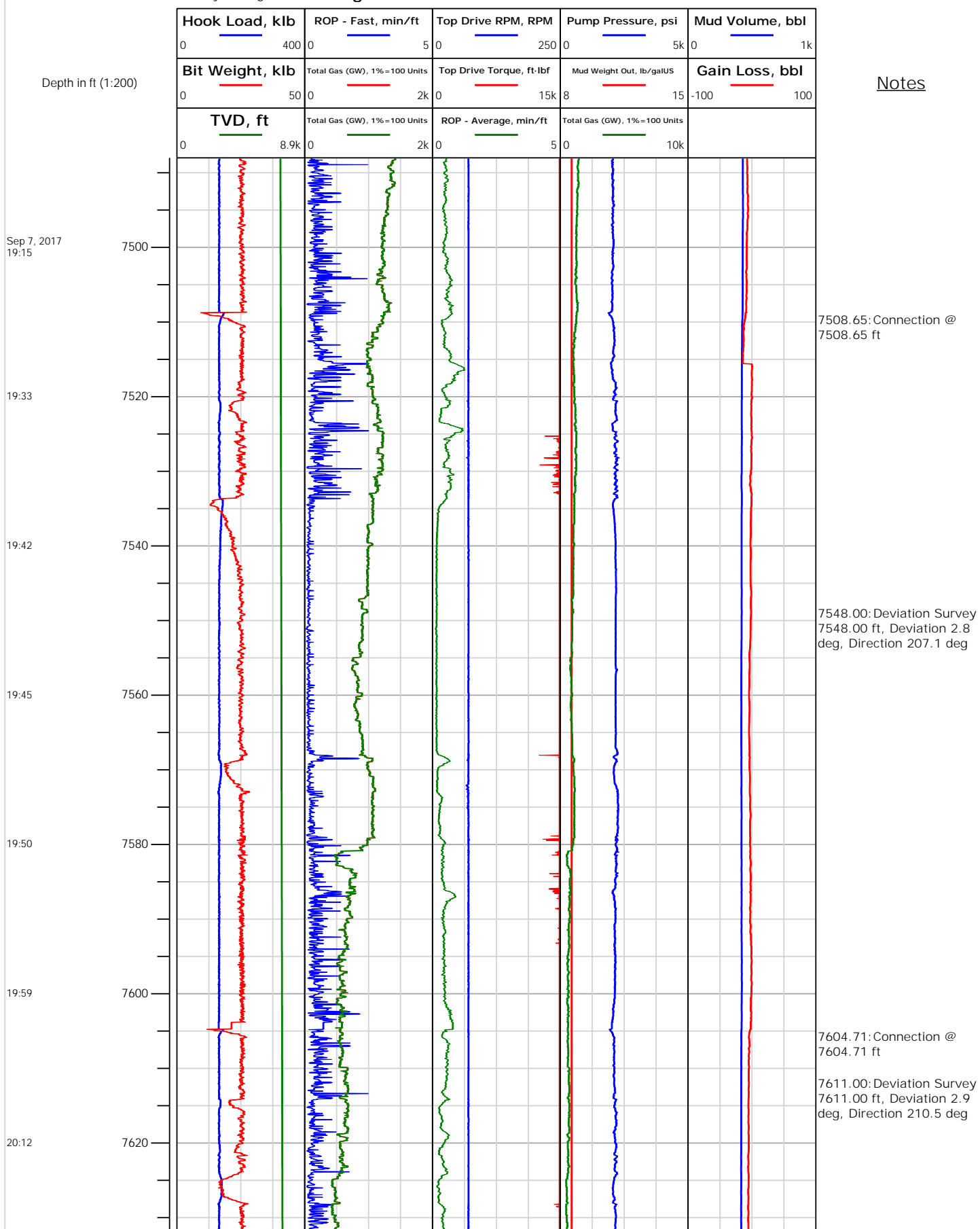
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Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





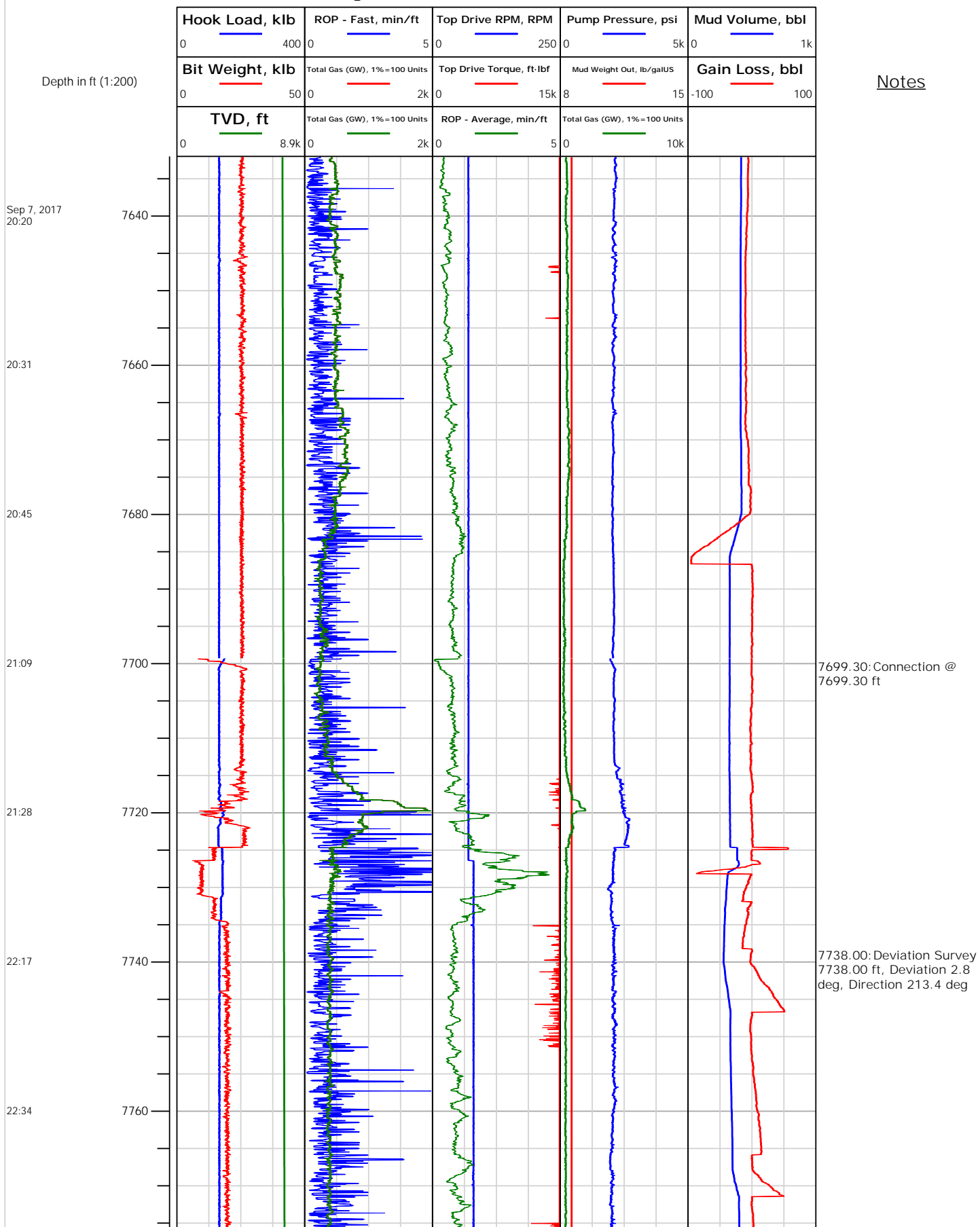
Electronic Drilling Recorder

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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-04W
Rig: 290

Location:

