

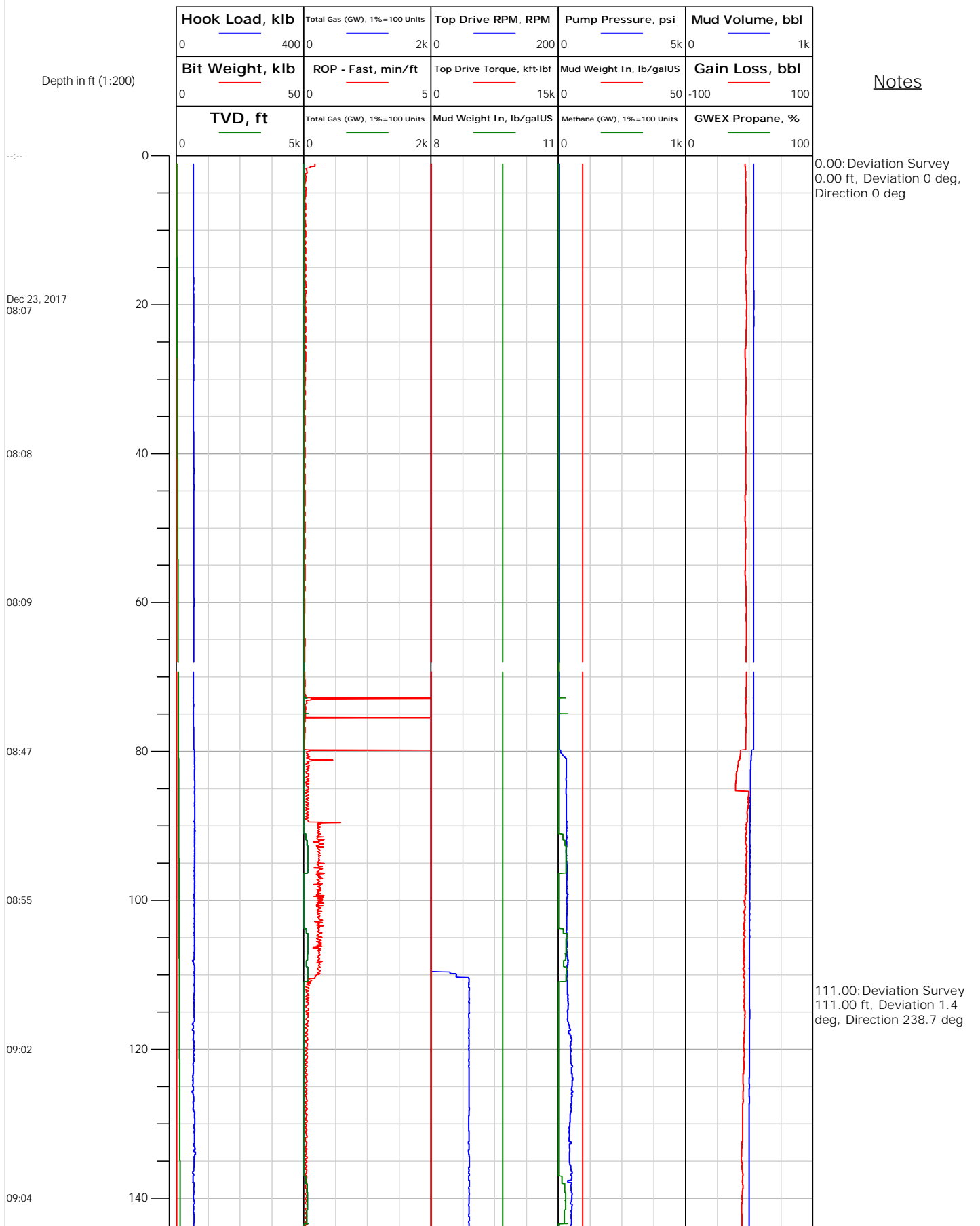


Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:





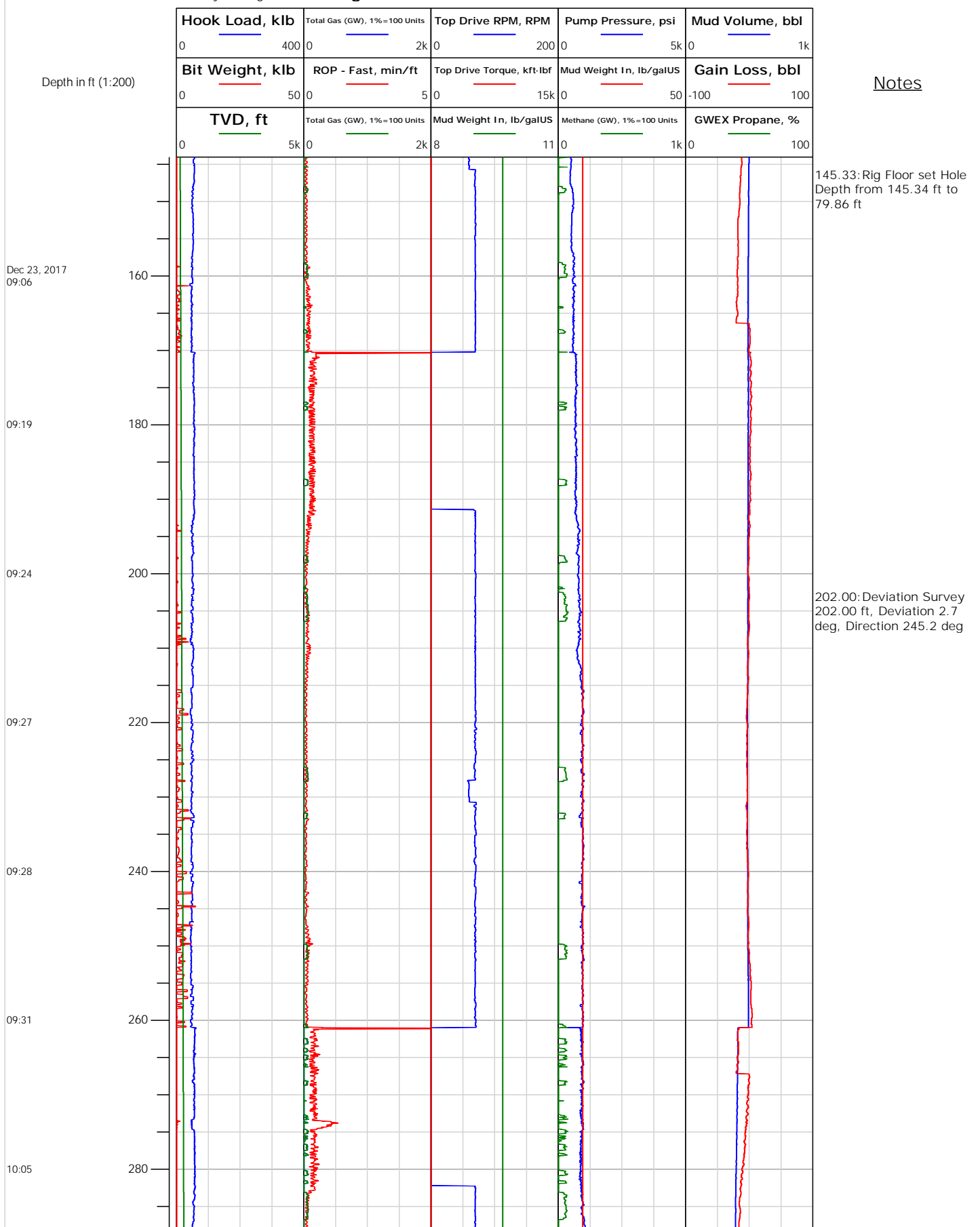
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





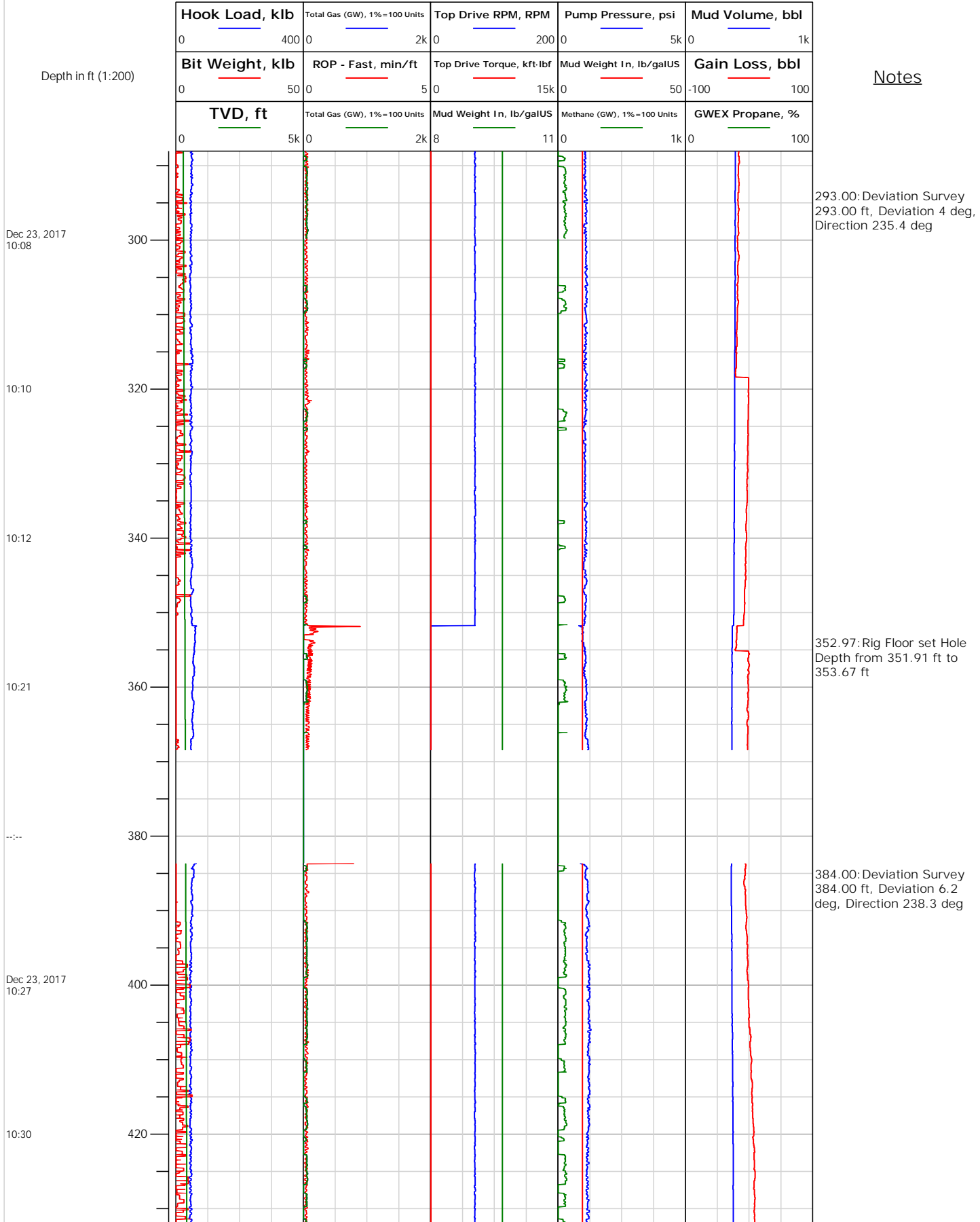
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





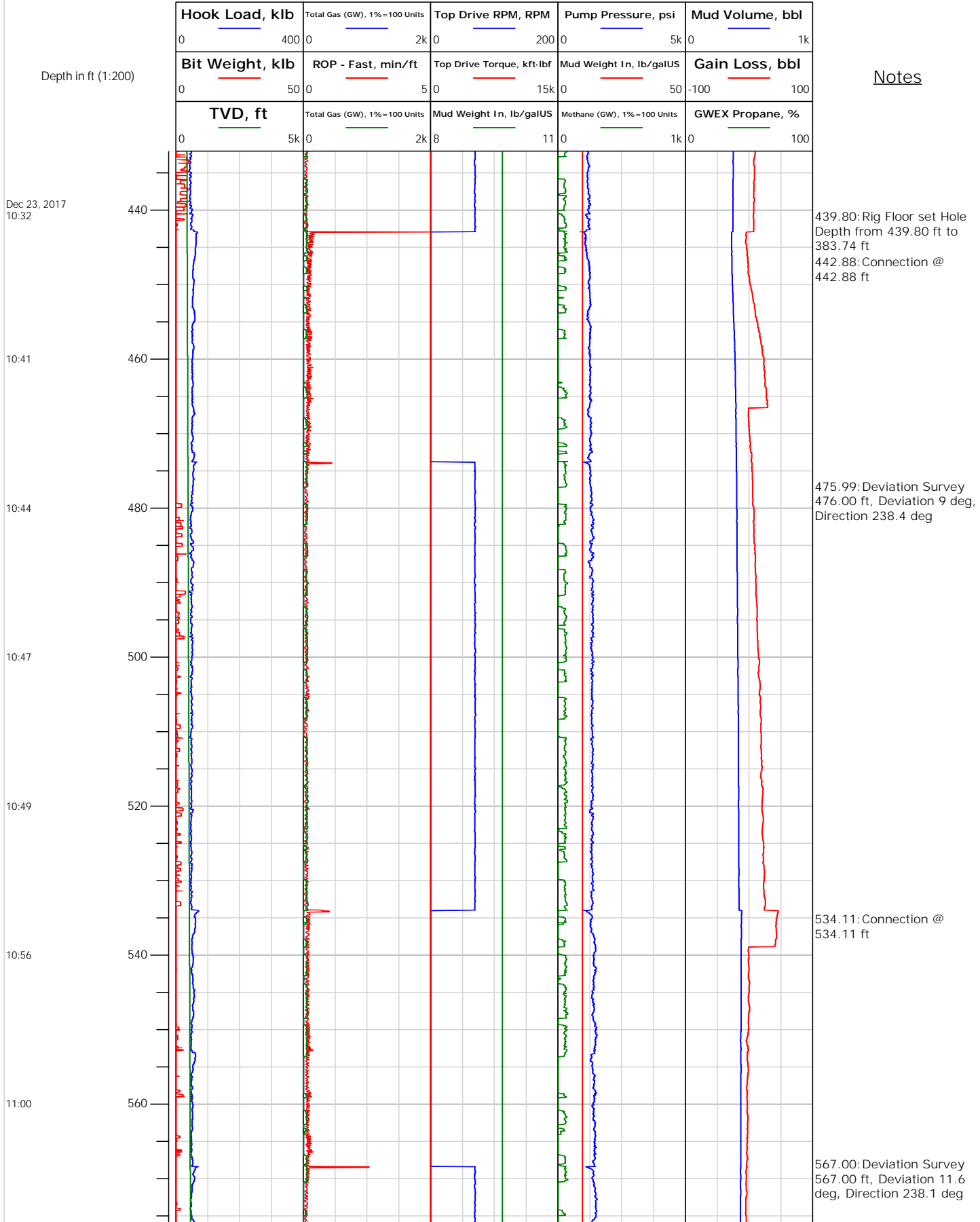
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





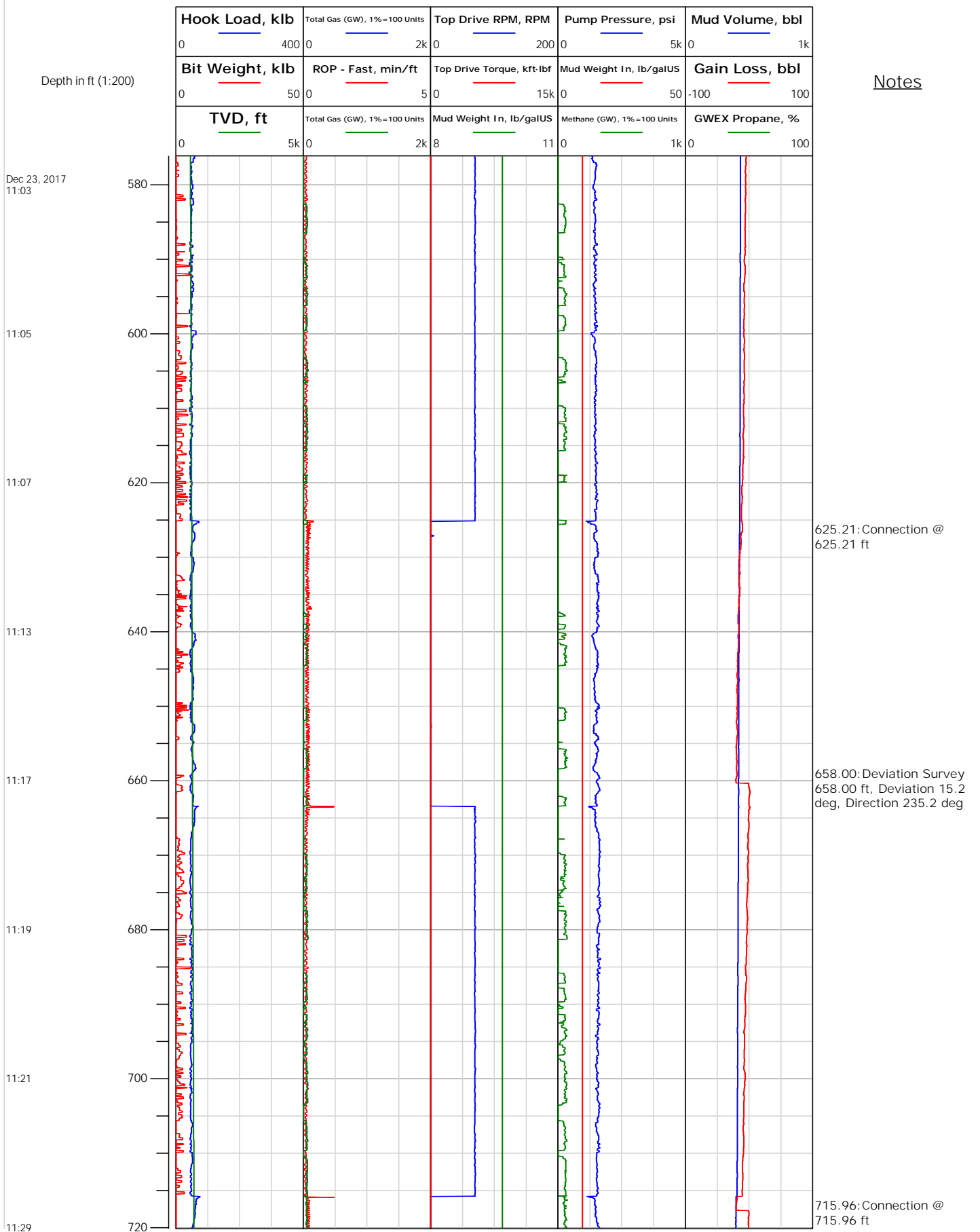
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





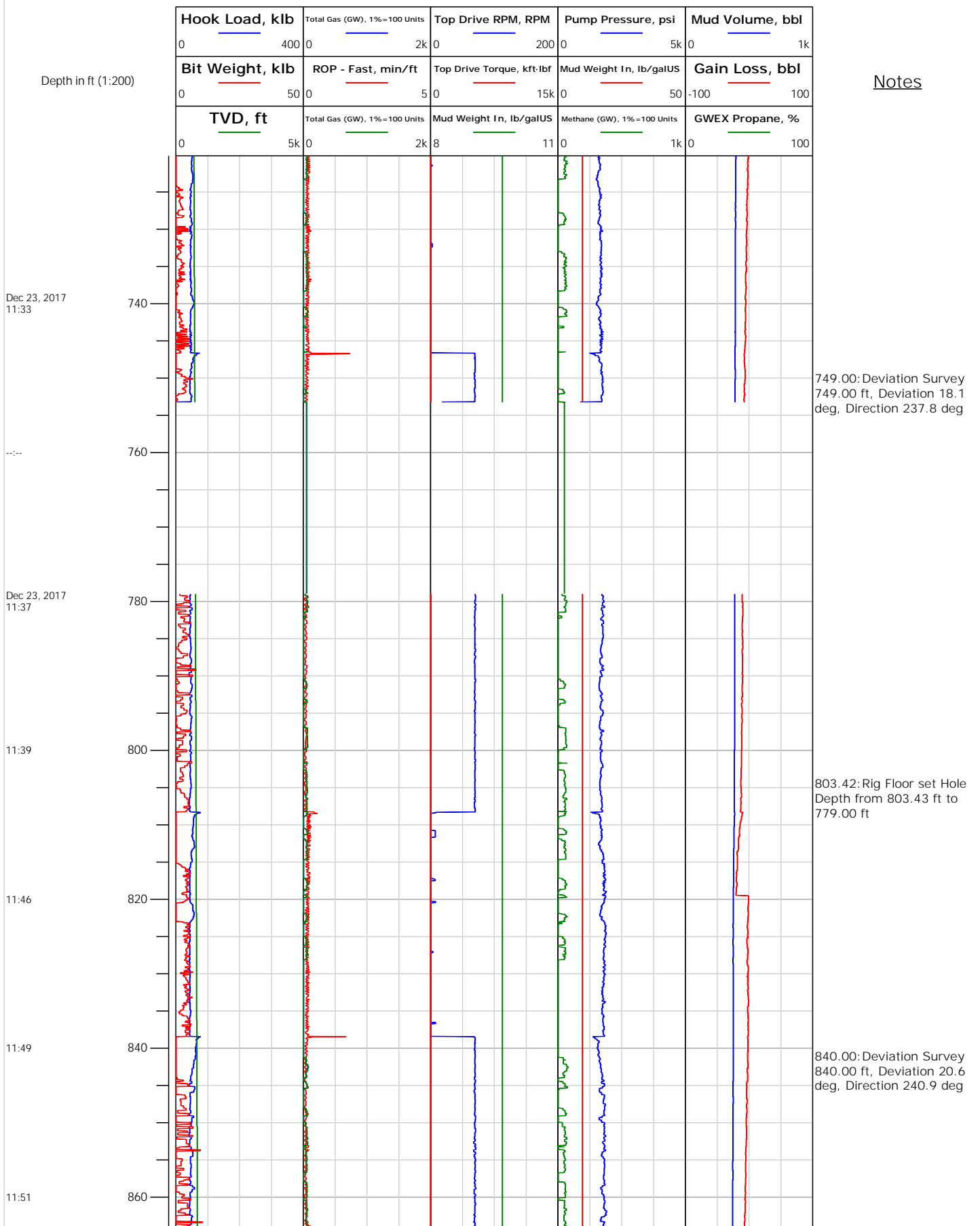
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





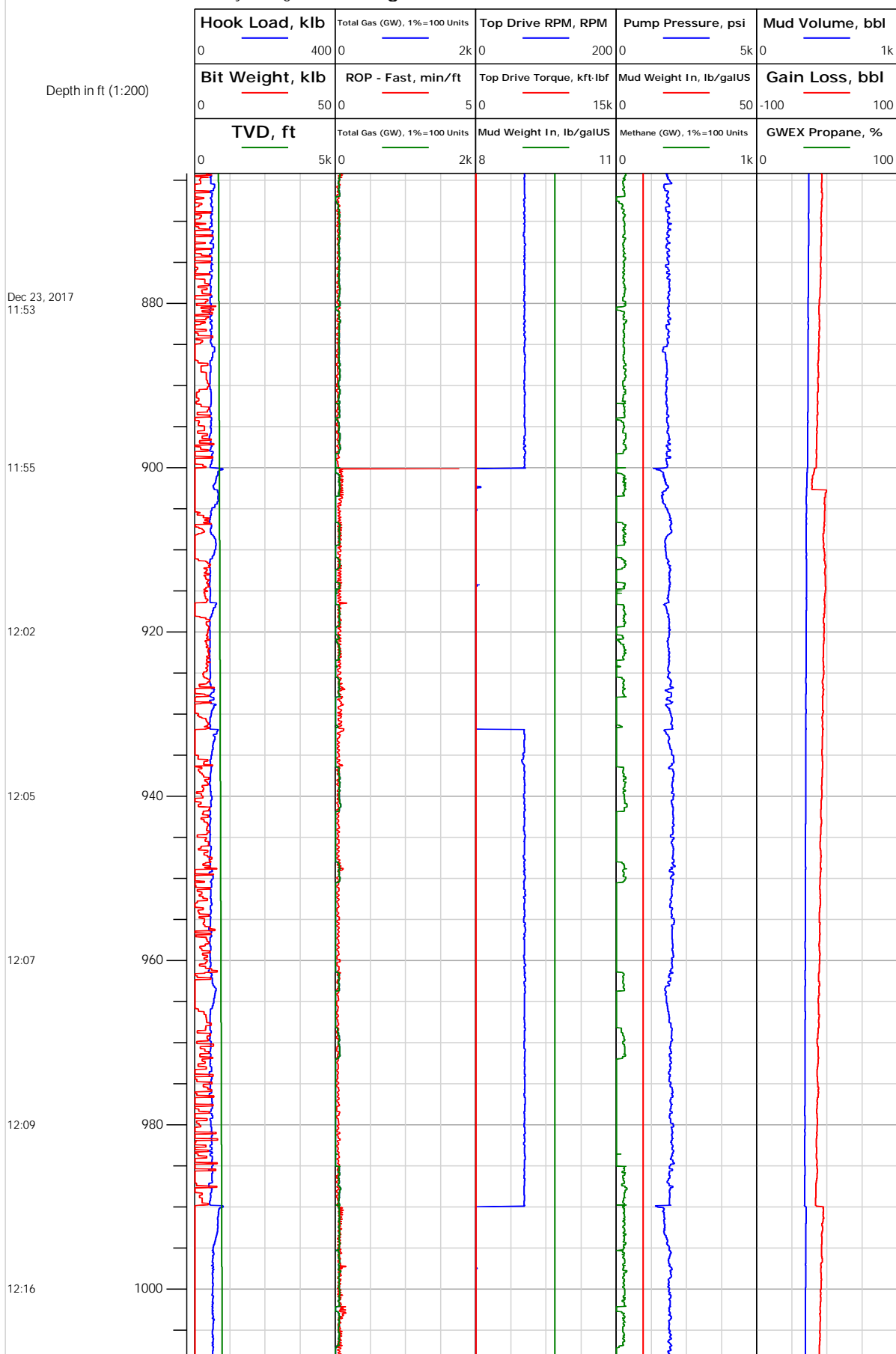
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





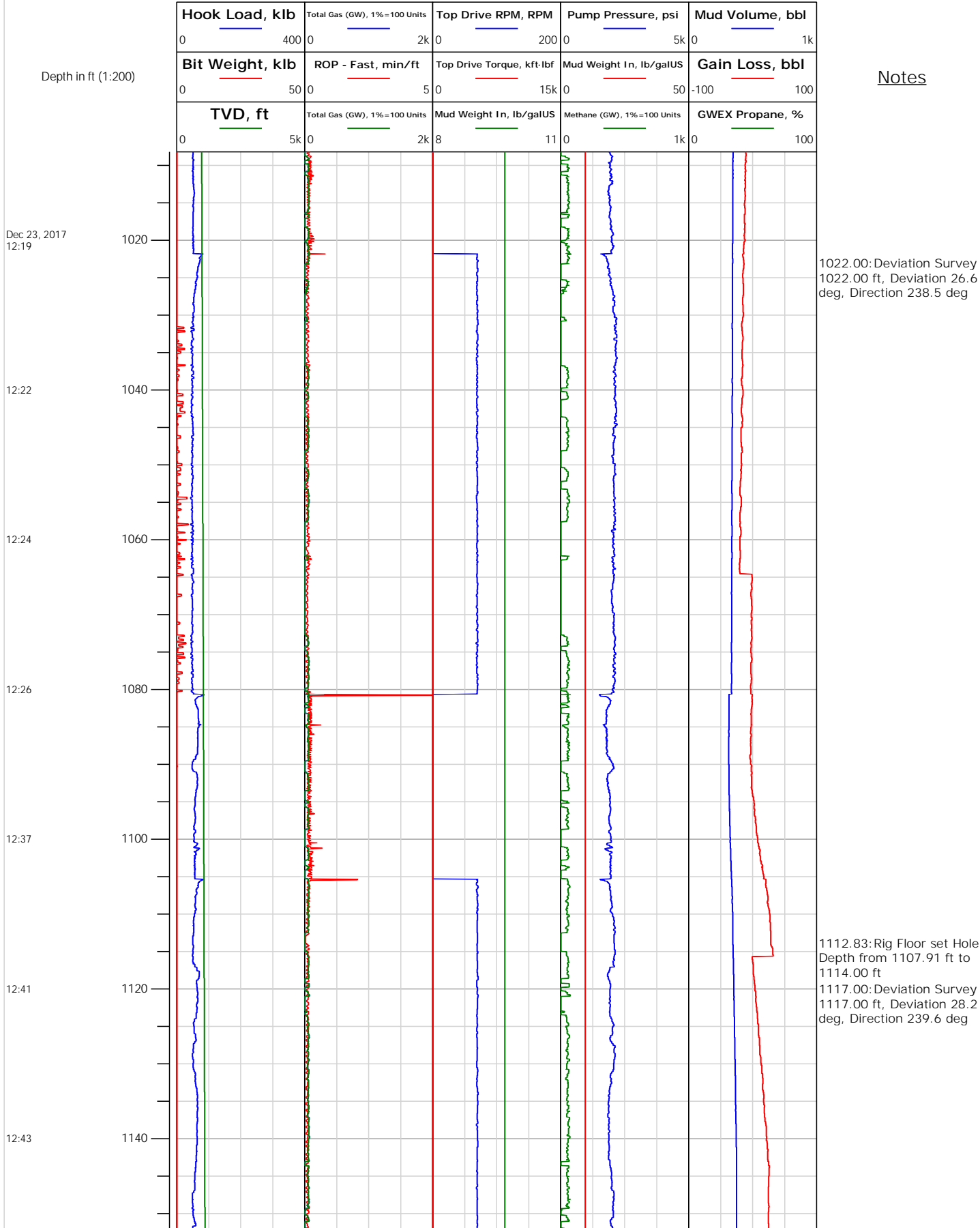
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Depth in ft (1:200)

Notes

Dec 23, 2017
12:45

12:51

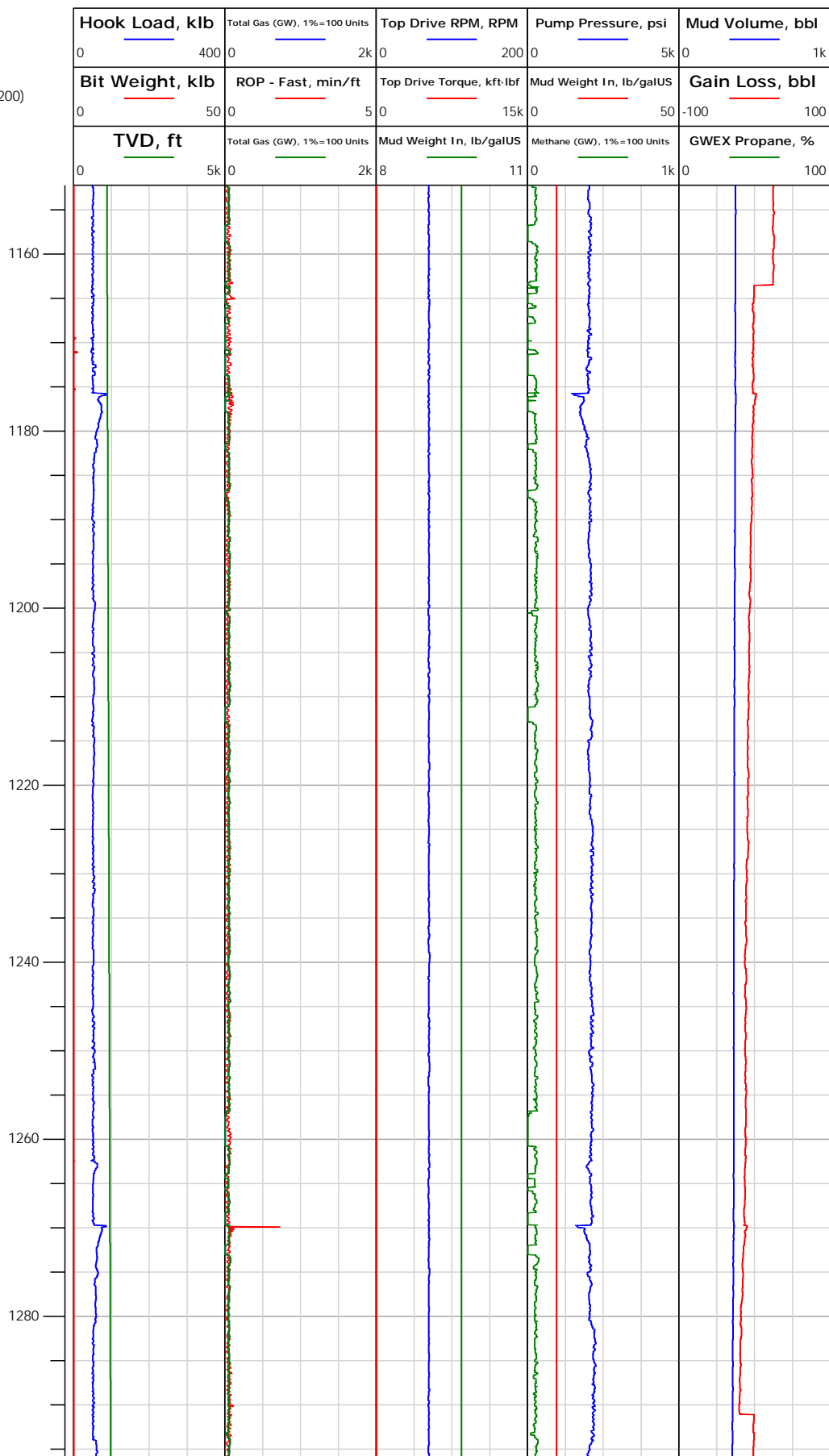
12:53

12:55

12:57

12:59

13:05



1175.74: Connection @
1175.74 ft

1211.00: Deviation Survey
1211.00 ft, Deviation 28.5
deg, Direction 238.8 deg

1269.88: Connection @
1269.88 ft



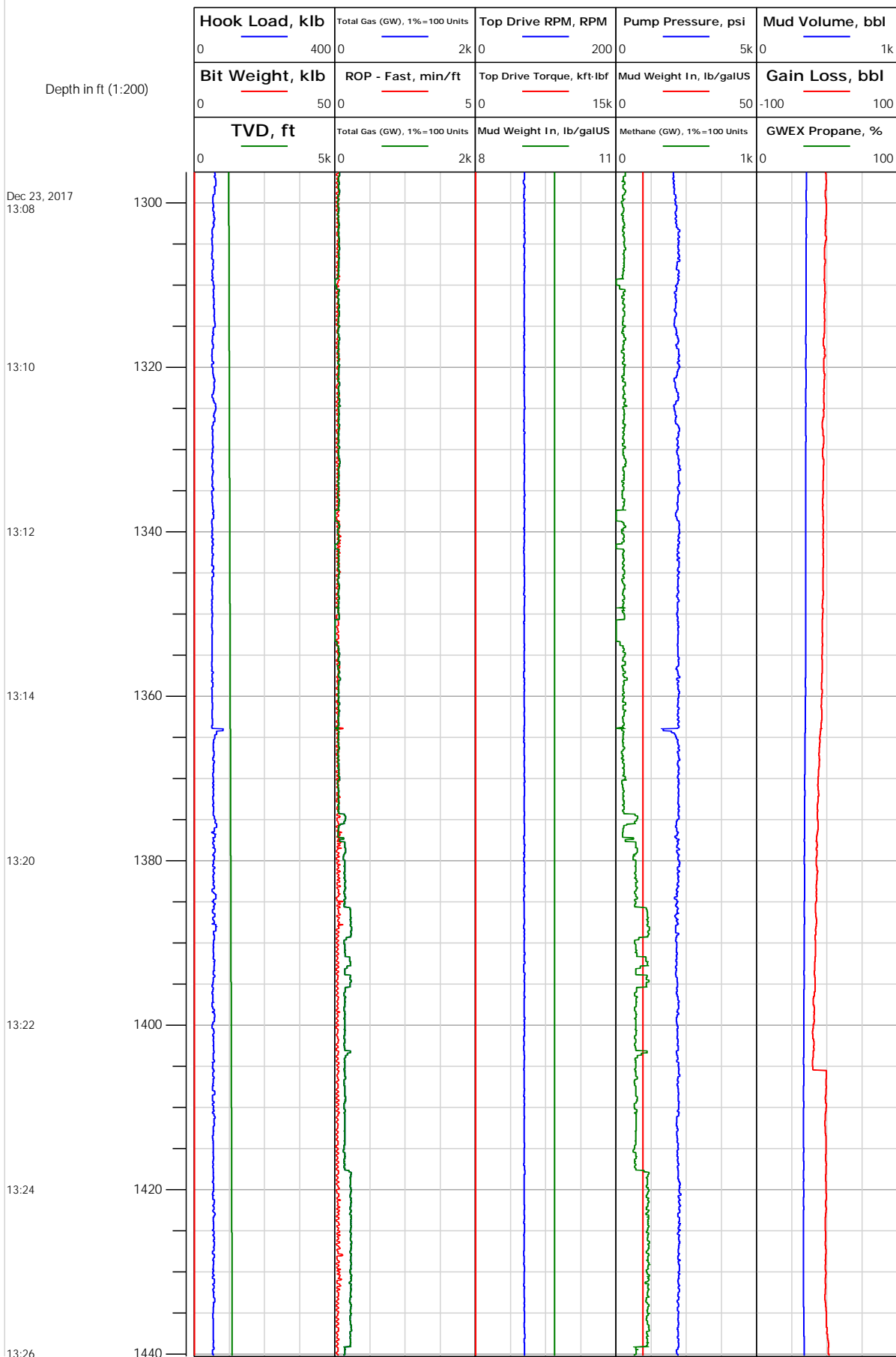
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





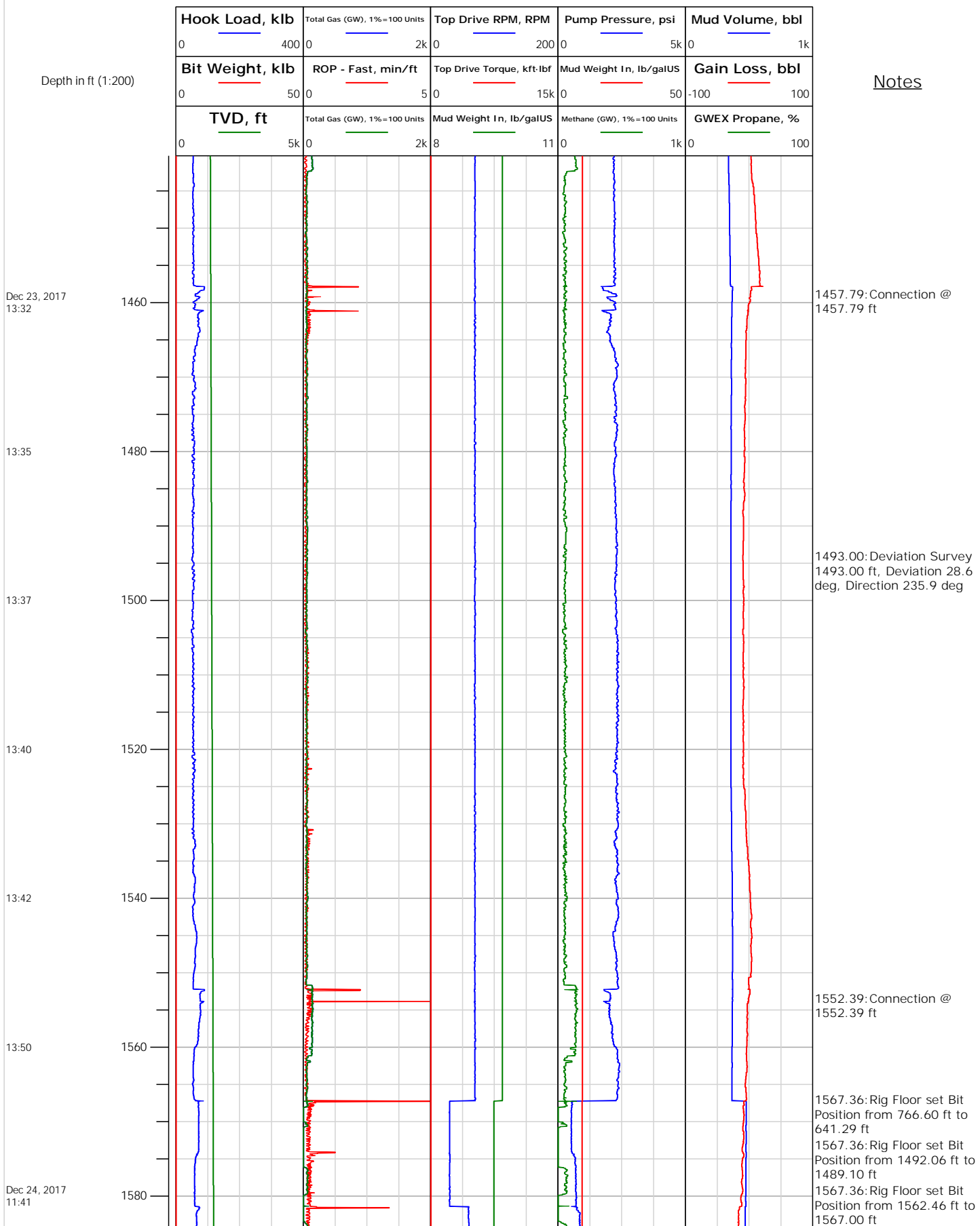
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





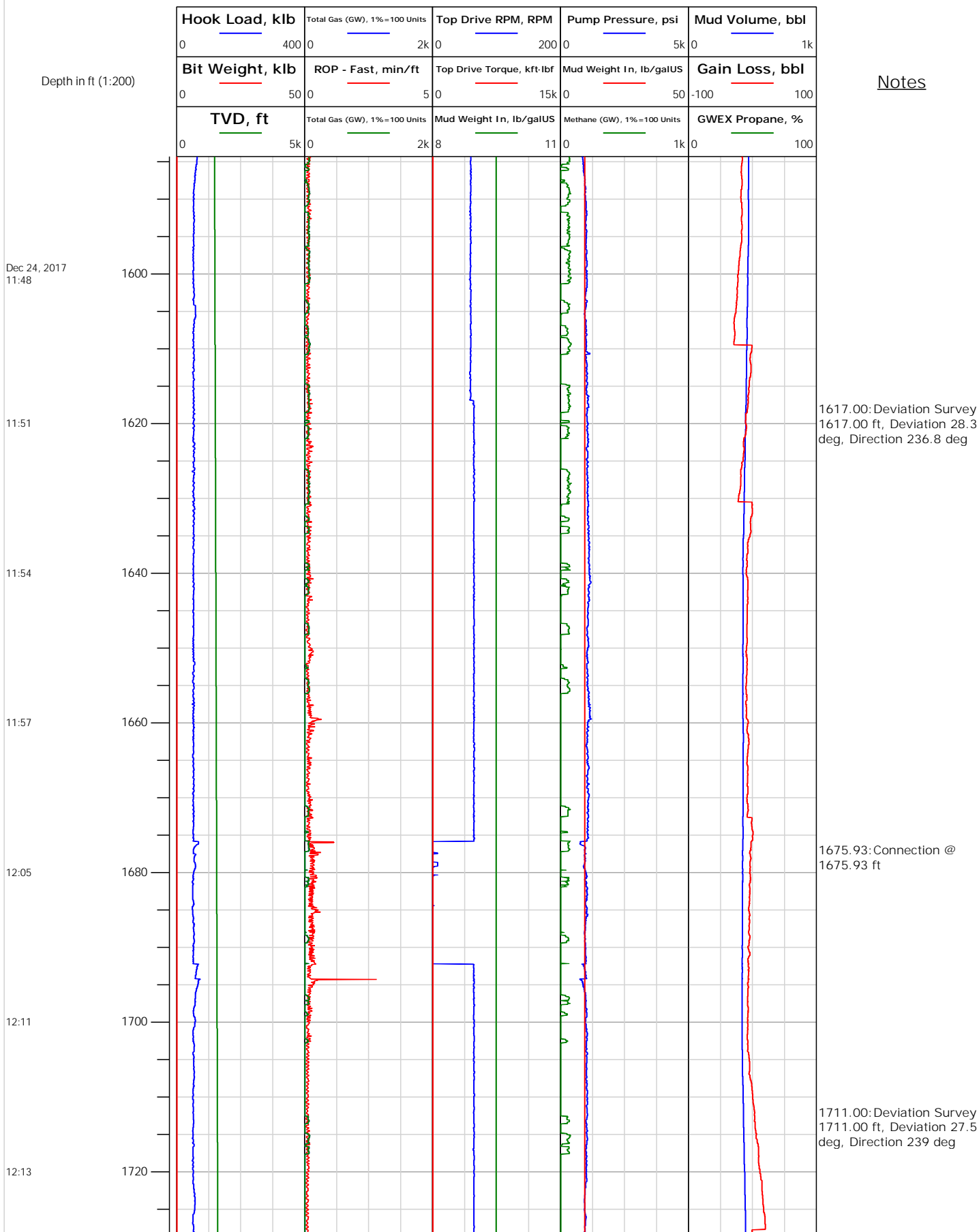
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





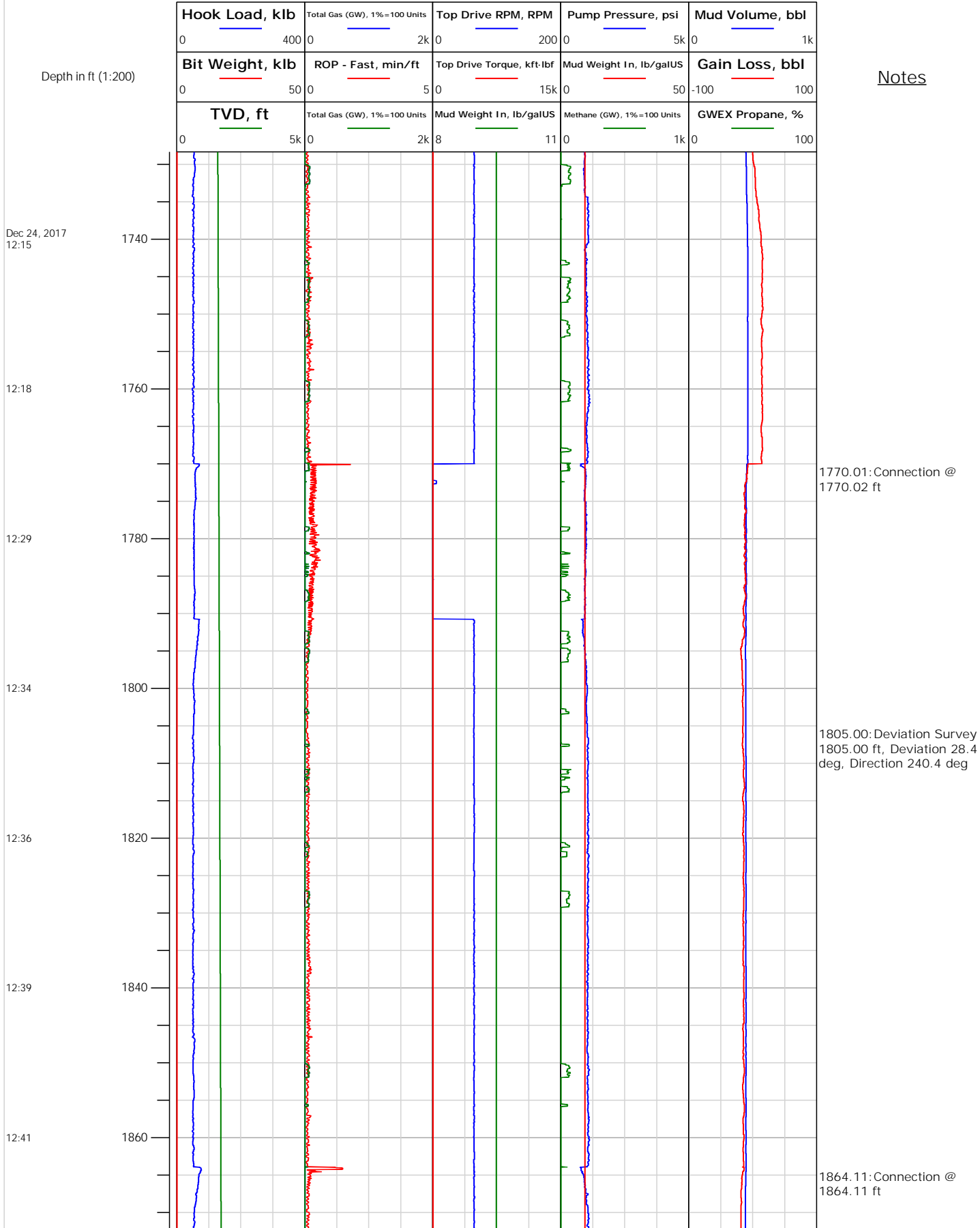
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





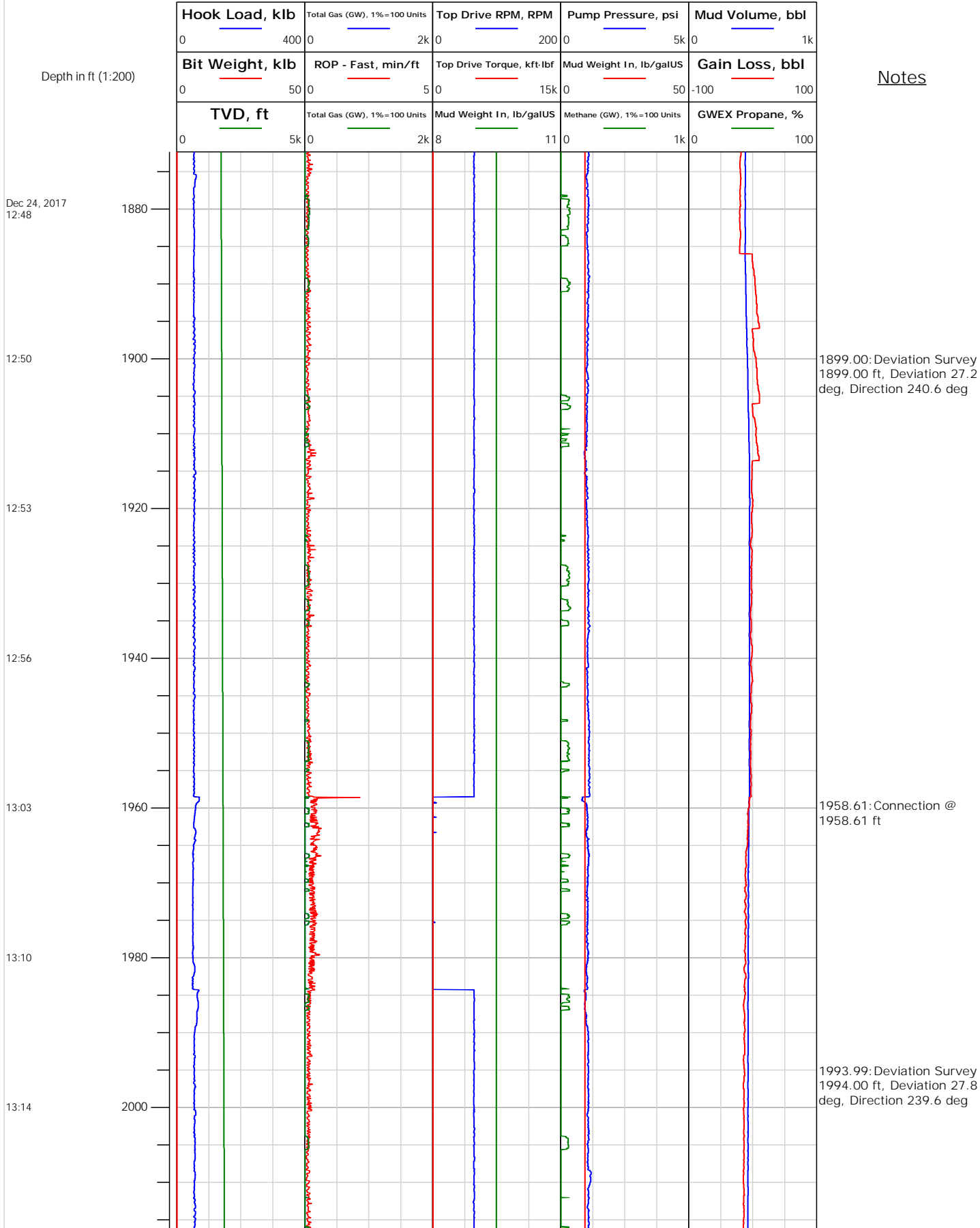
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





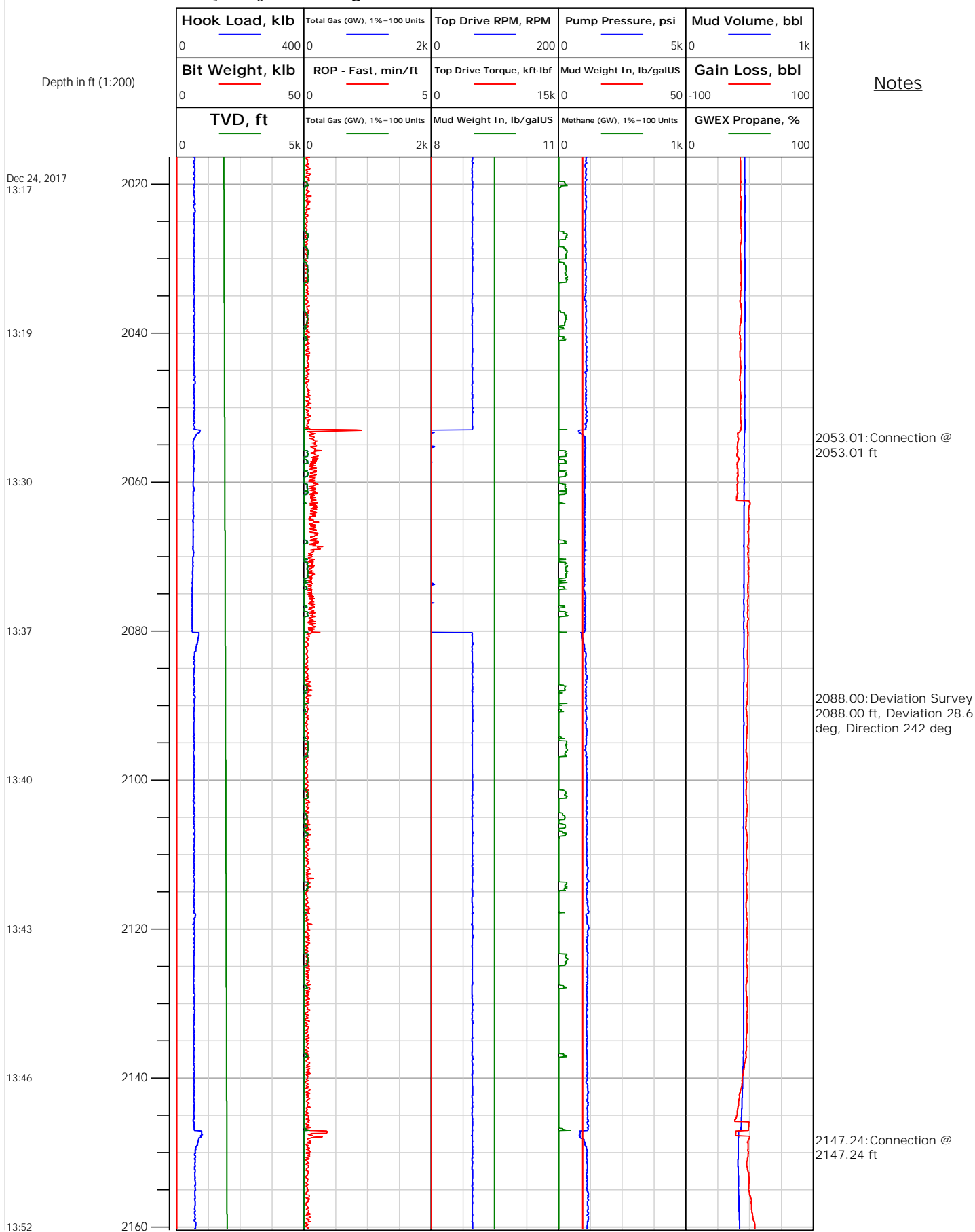
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





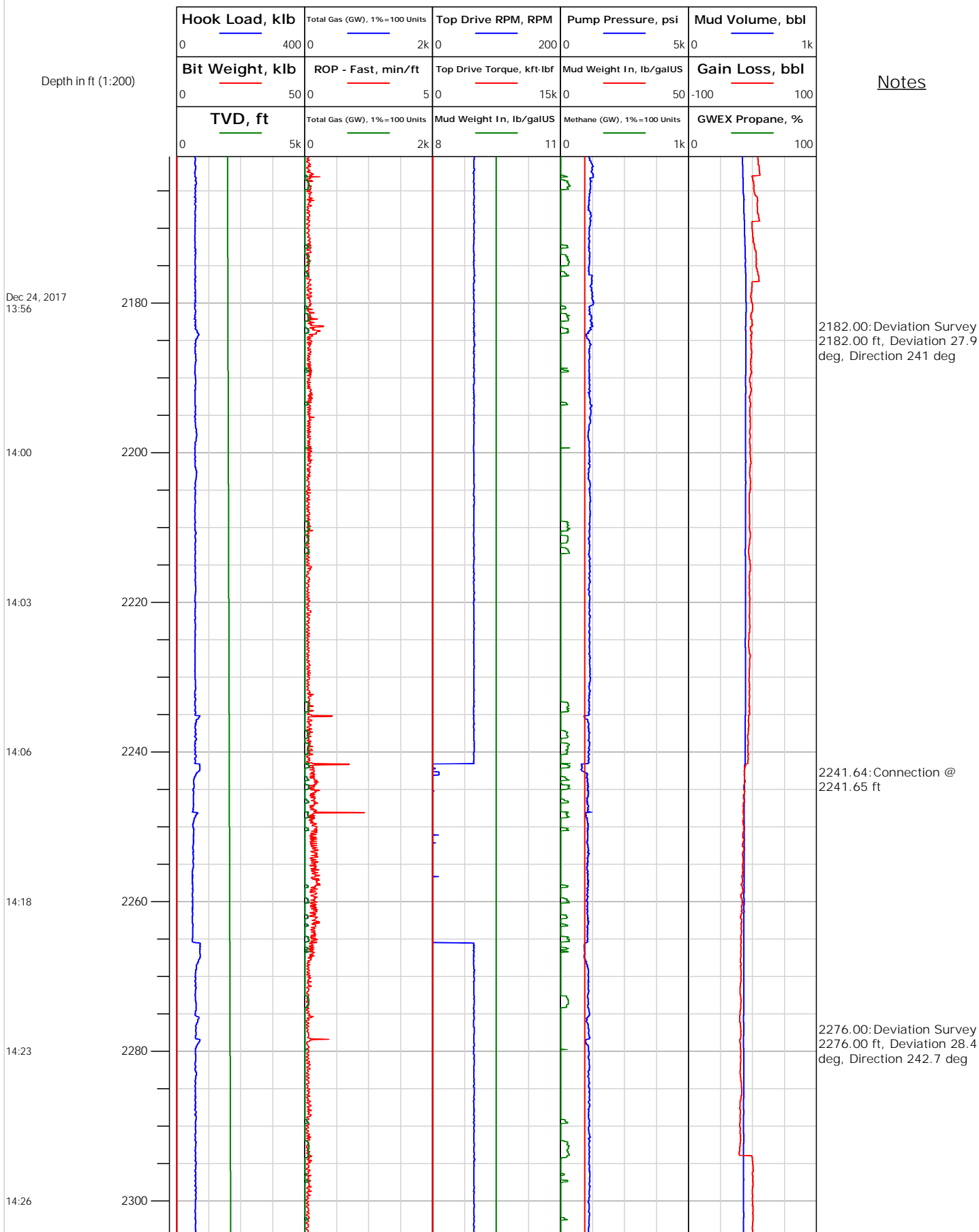
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





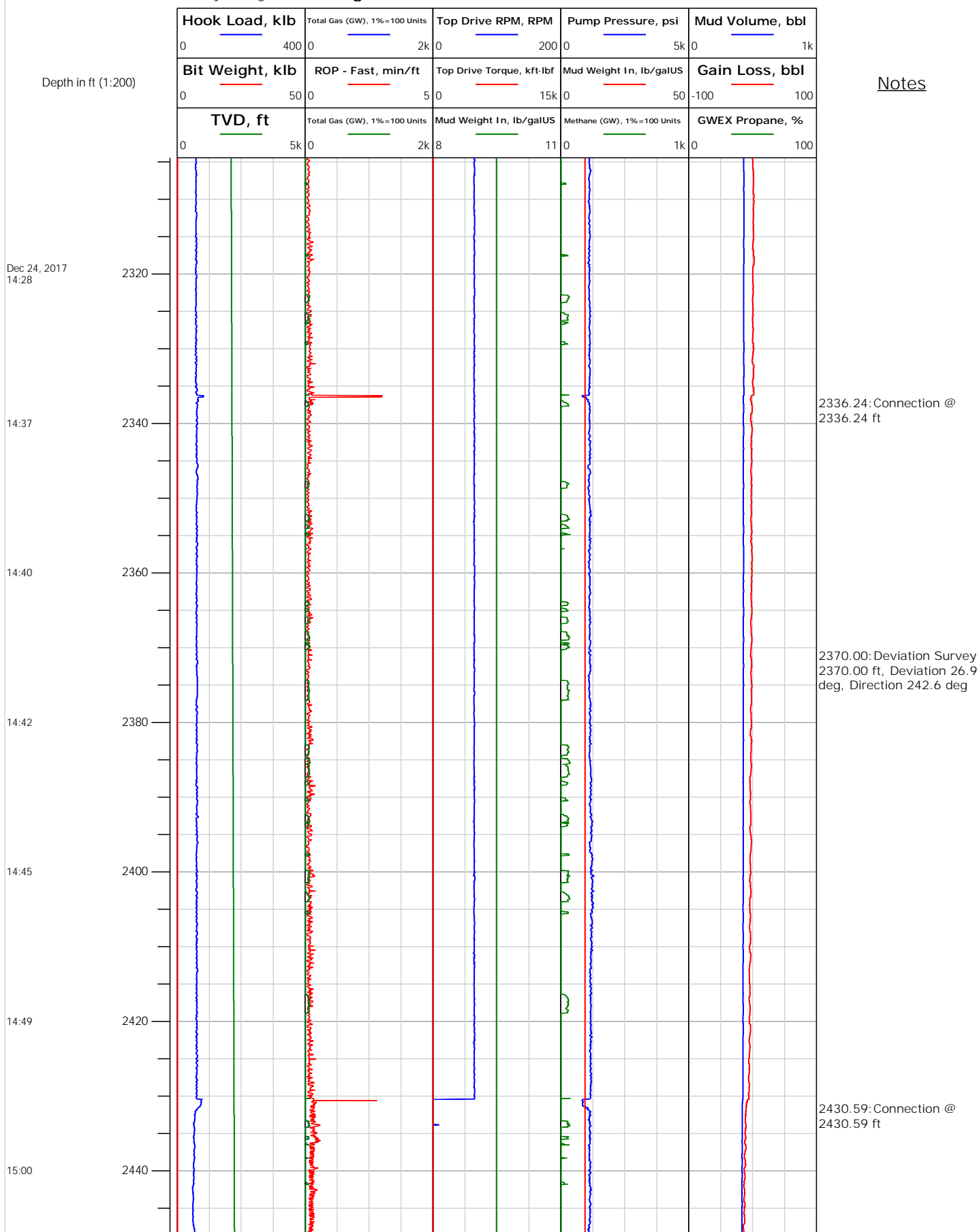
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





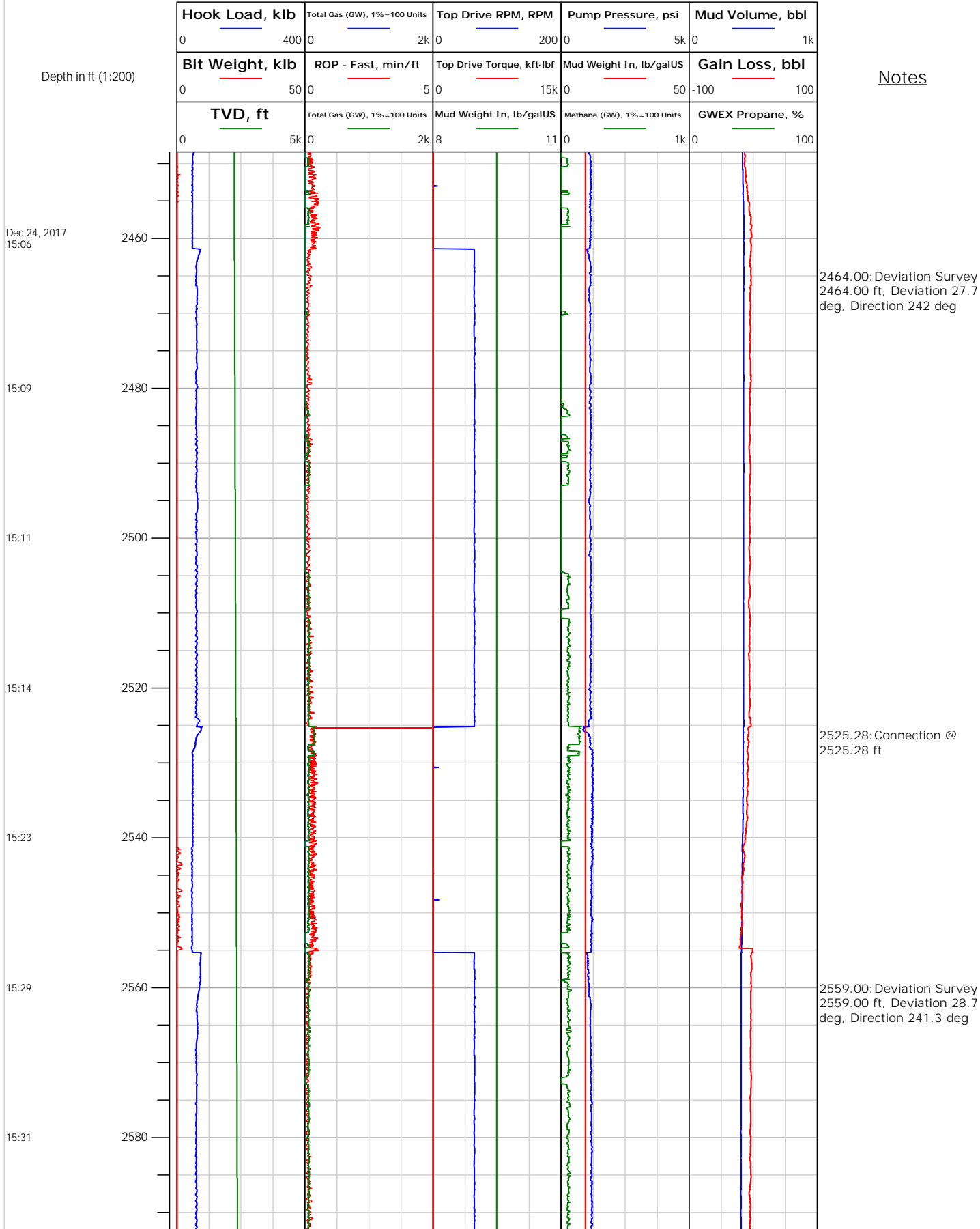
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





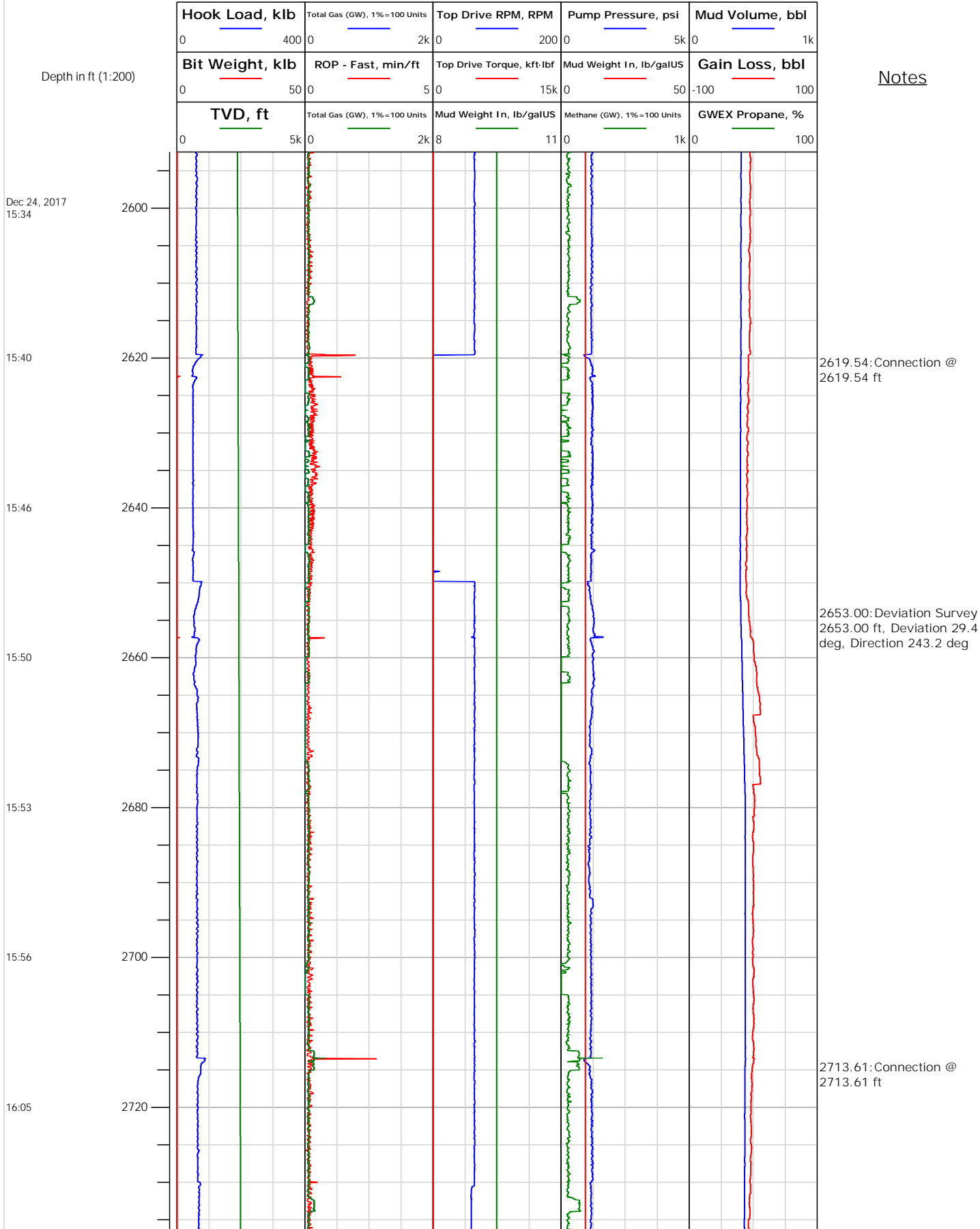
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





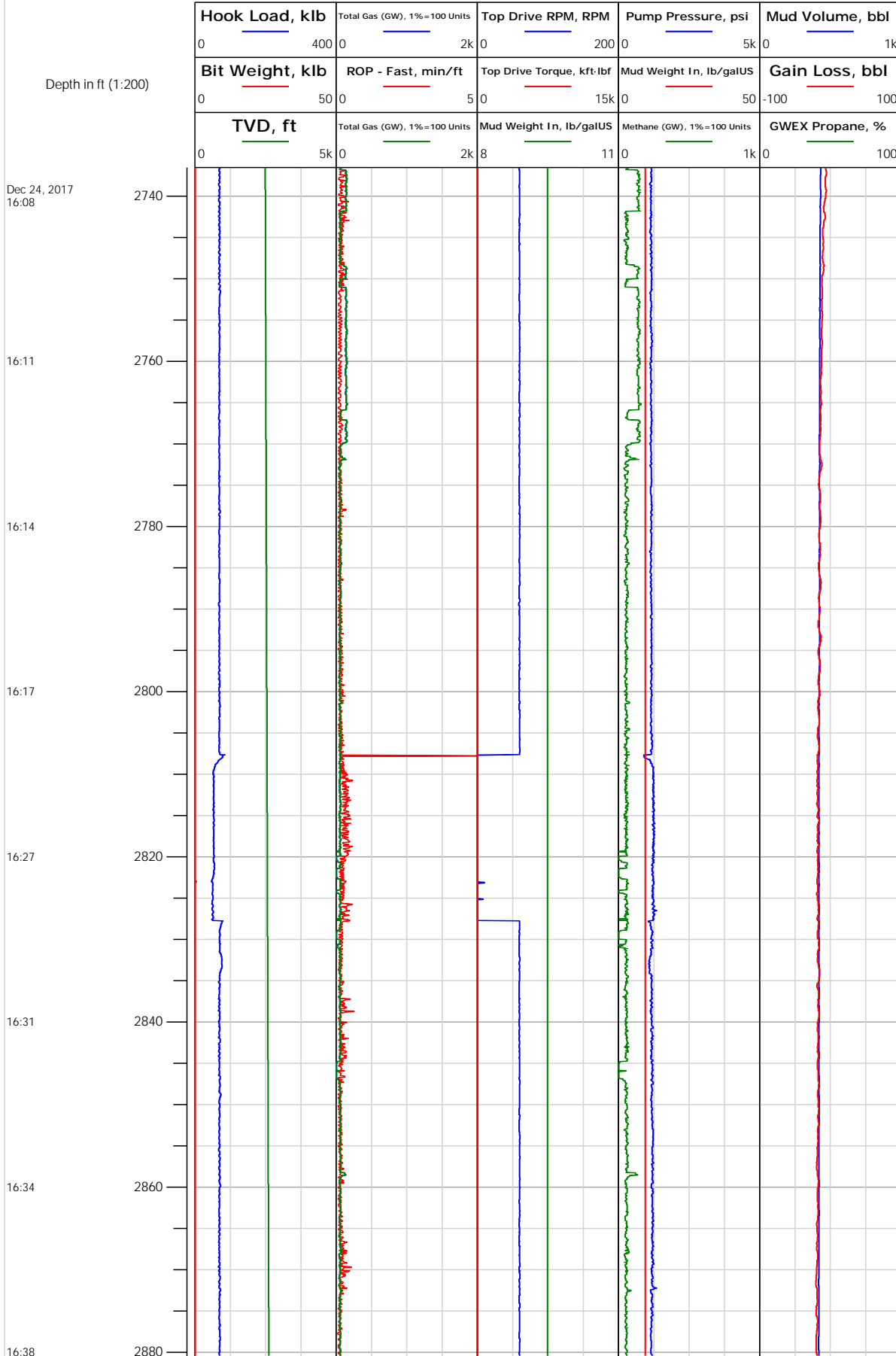
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes



2747.00: Deviation Survey
2747.00 ft, Deviation 27.2 deg, Direction 242.4 deg

2807.72: Connection @
2807.72 ft

2841.00: Deviation Survey
2841.00 ft, Deviation 26.1 deg, Direction 241.6 deg



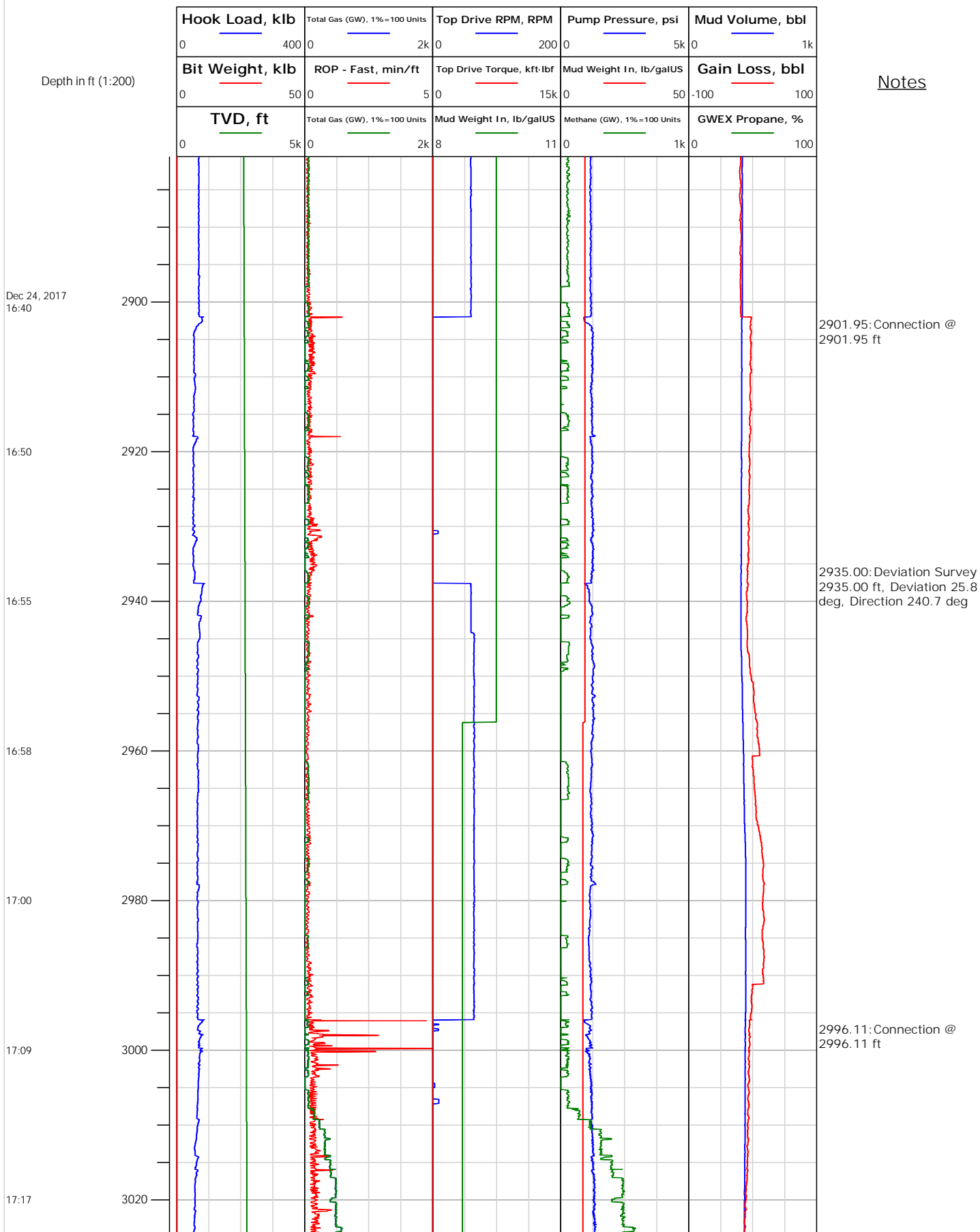
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





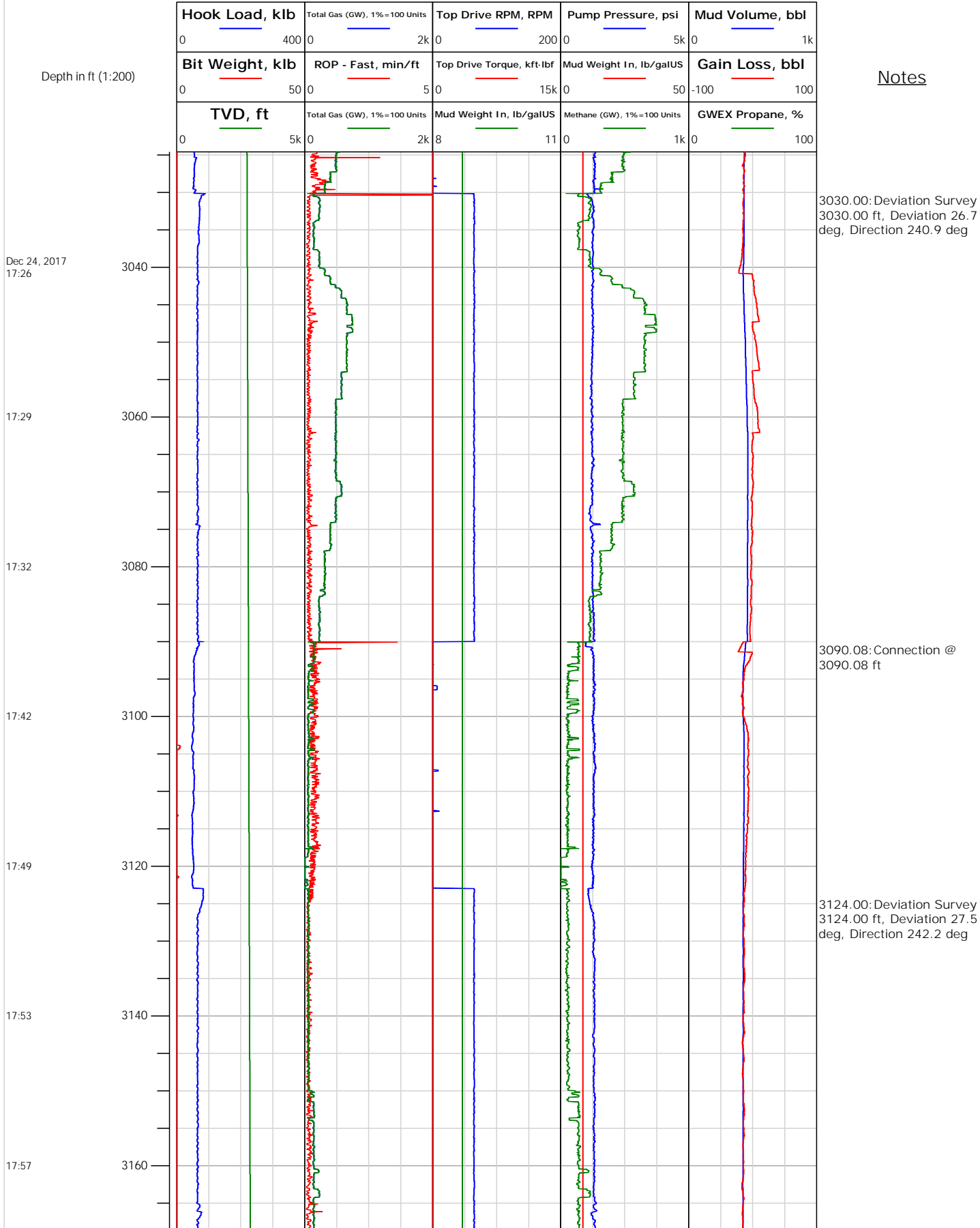
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





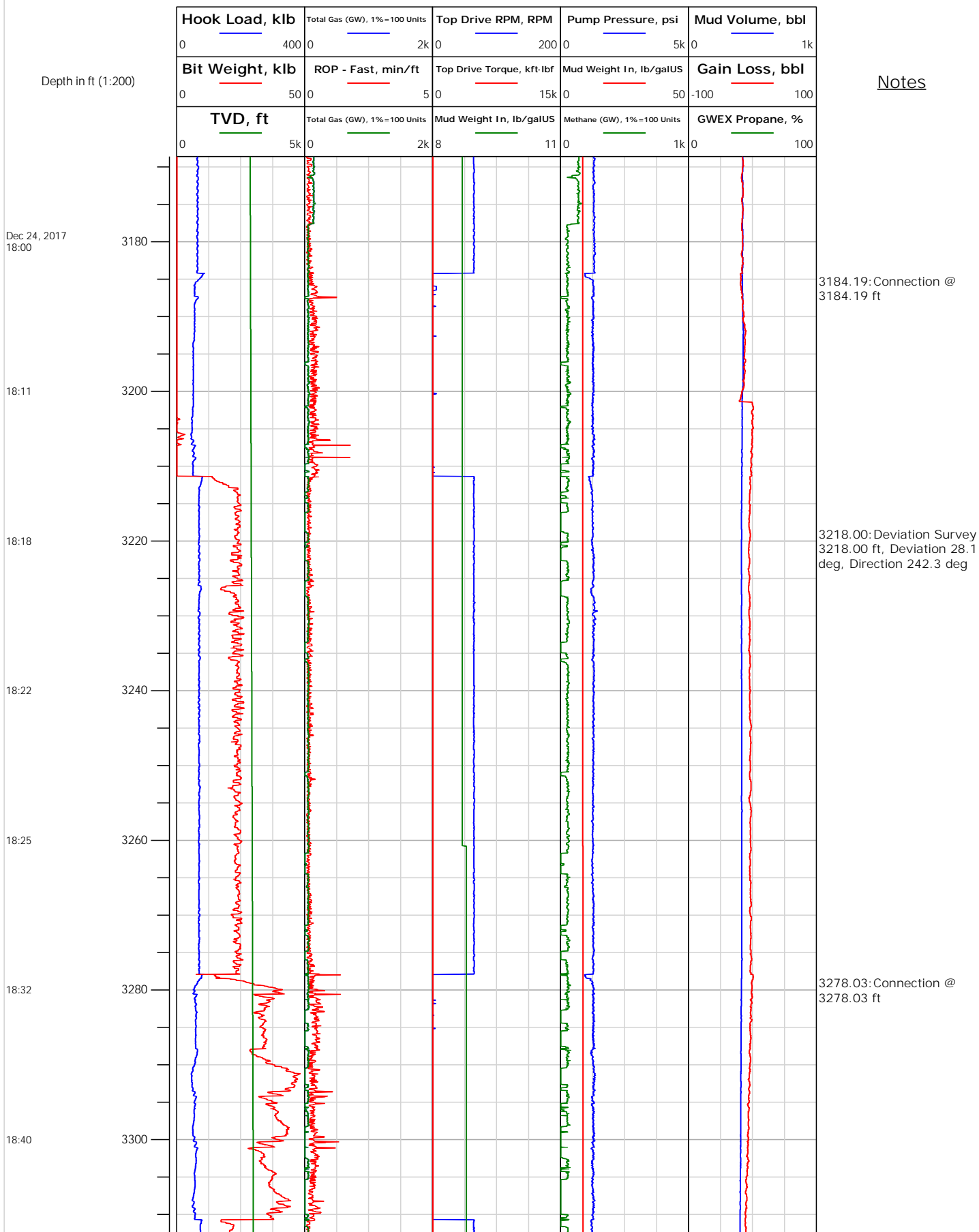
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





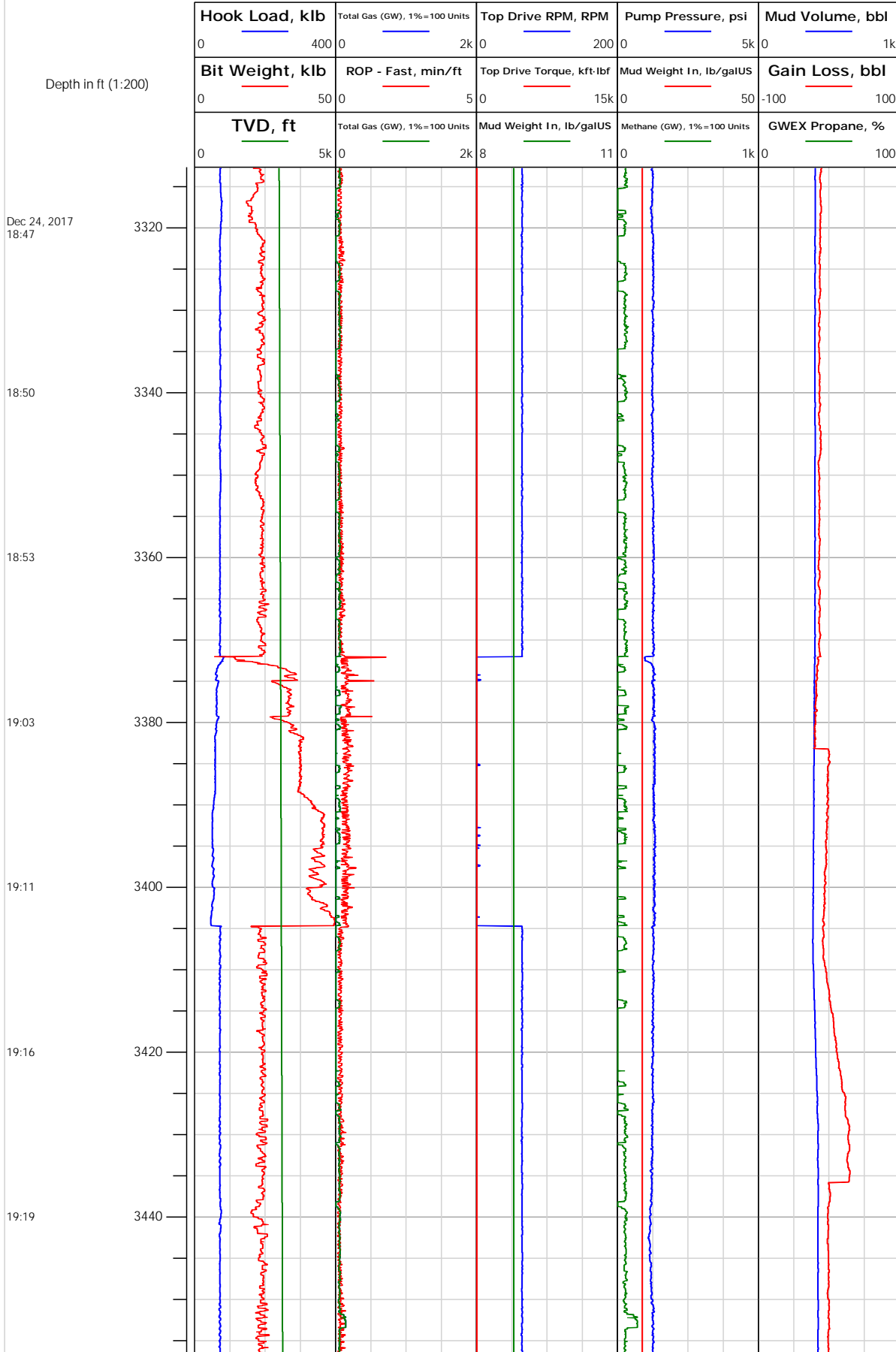
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes

Dec 24, 2017
 19:22

19:30

19:33

19:36

19:39

19:43

19:53

19:59

3460

3480

3500

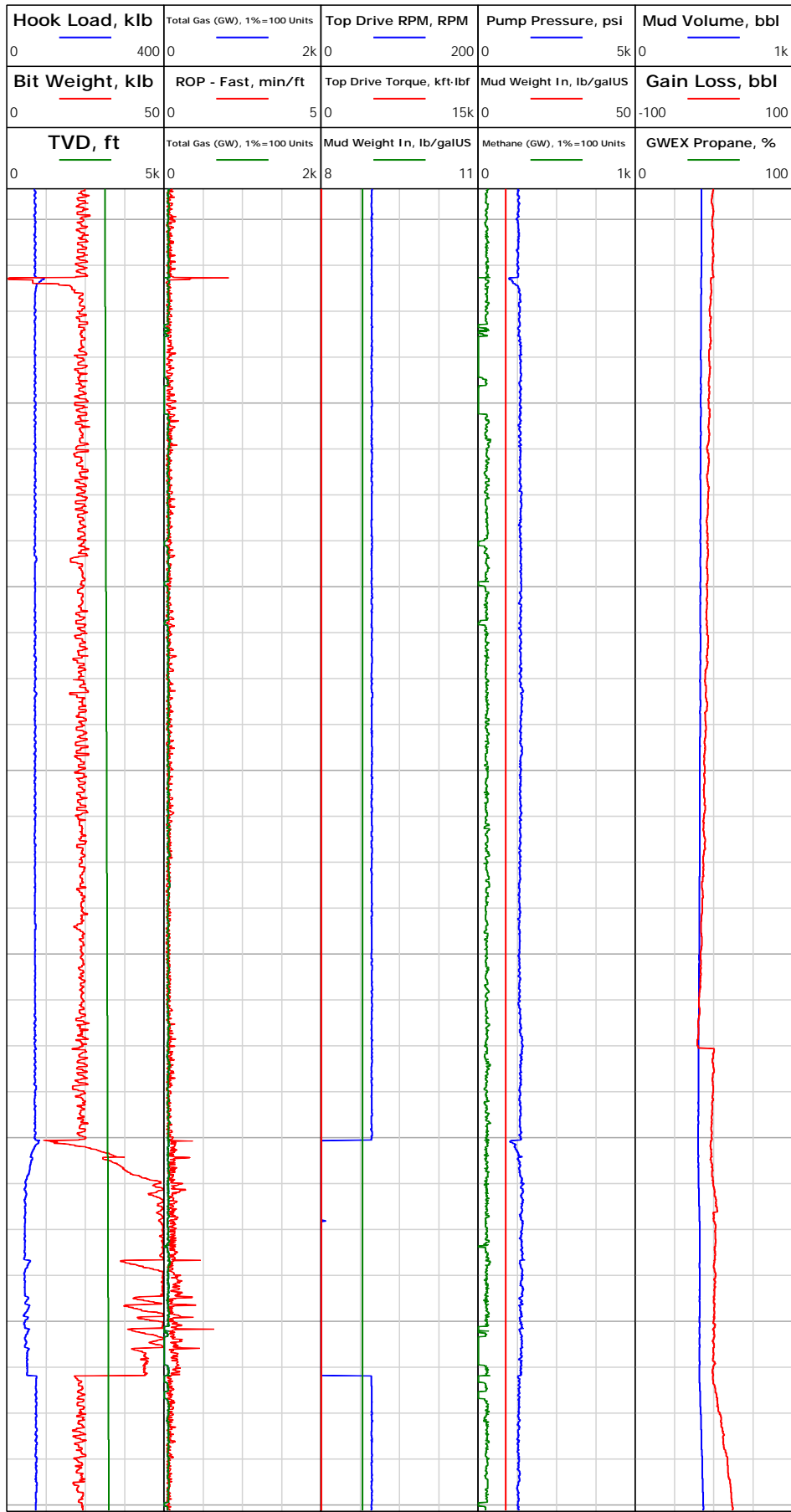
3520

3540

3560

3580

3600



3466.30: Connection @
 3466.31 ft

3501.00: Deviation Survey
 3501.00 ft, Deviation 29
 deg, Direction 242.9 deg

3560.39: Connection @
 3560.40 ft

3595.00: Deviation Survey
 3595.00 ft, Deviation 29.4
 deg, Direction 244.3 deg



Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes

Depth in ft (1:200)

Dec 24, 2017
20:02

20:06

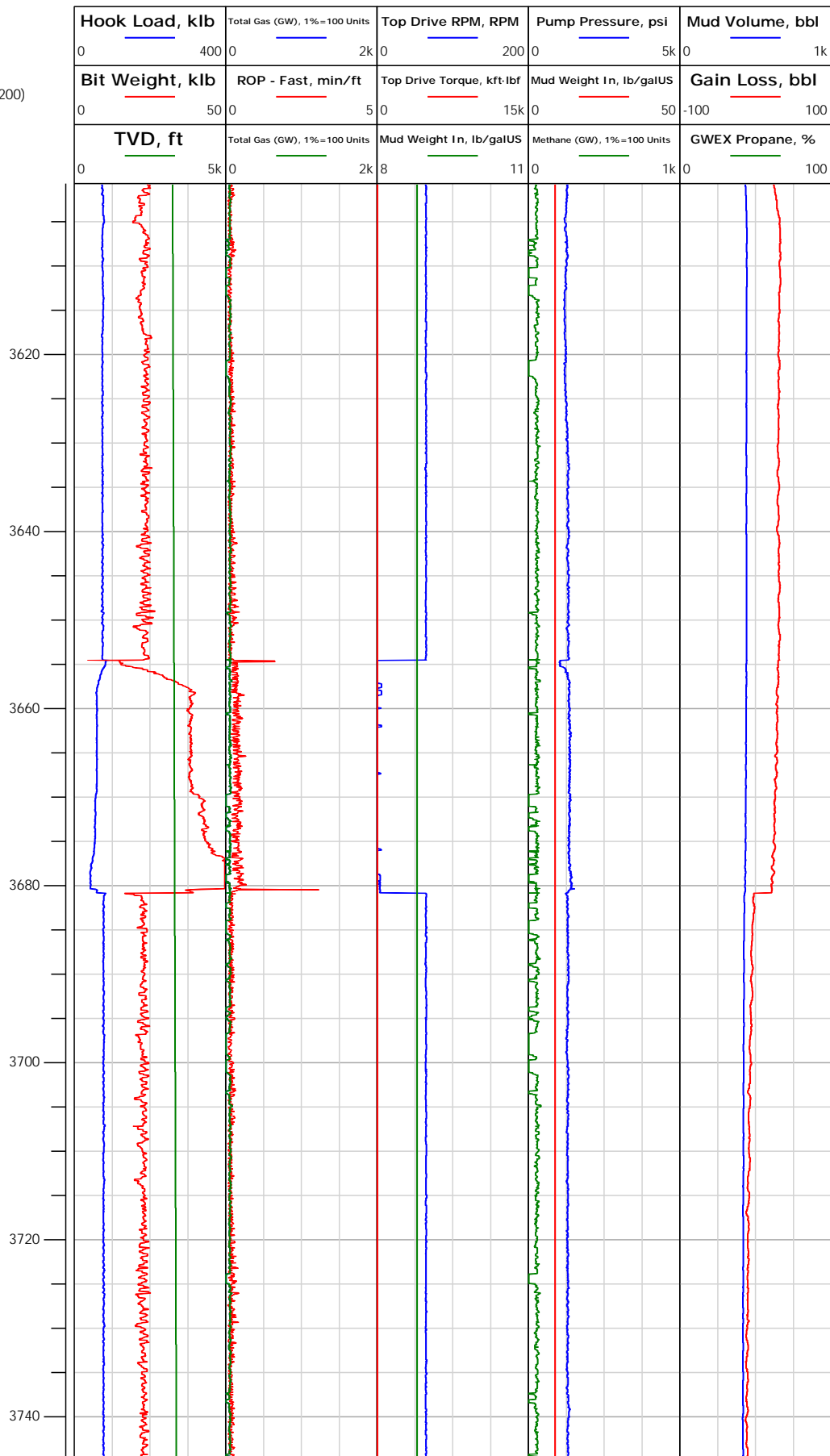
20:14

20:21

20:26

20:30

20:33





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes

Depth in ft (1:200)

Dec 24, 2017
20:44

20:54

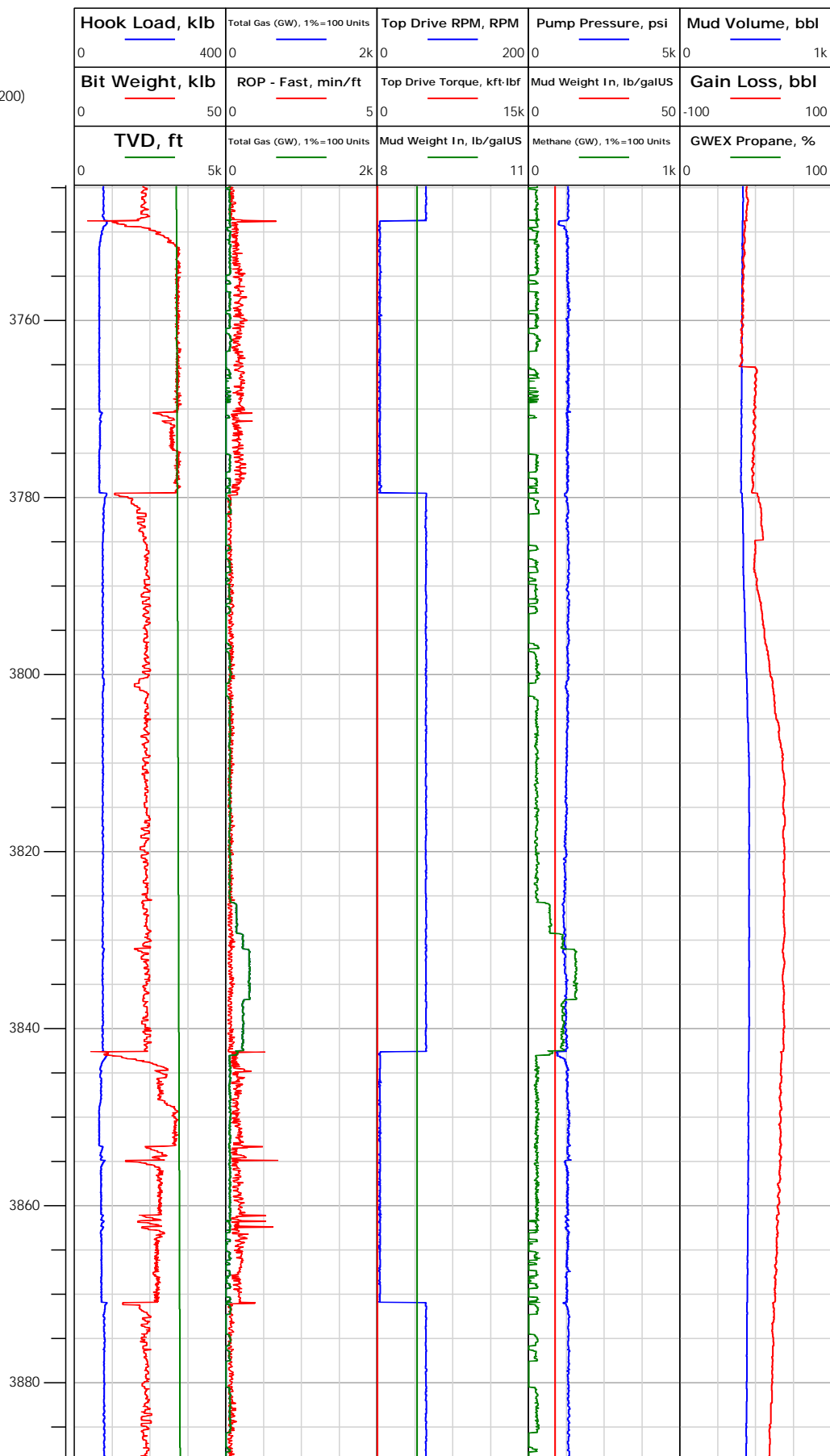
20:57

21:00

21:03

21:14

21:22



3748.62: Connection @
3748.62 ft

3783.99: Deviation Survey
3784.00 ft, Deviation 29.5
deg, Direction 240.5 deg

3842.69: Connection @
3842.69 ft

3878.00: Deviation Survey
3878.00 ft, Deviation 30.8
deg, Direction 239.9 deg



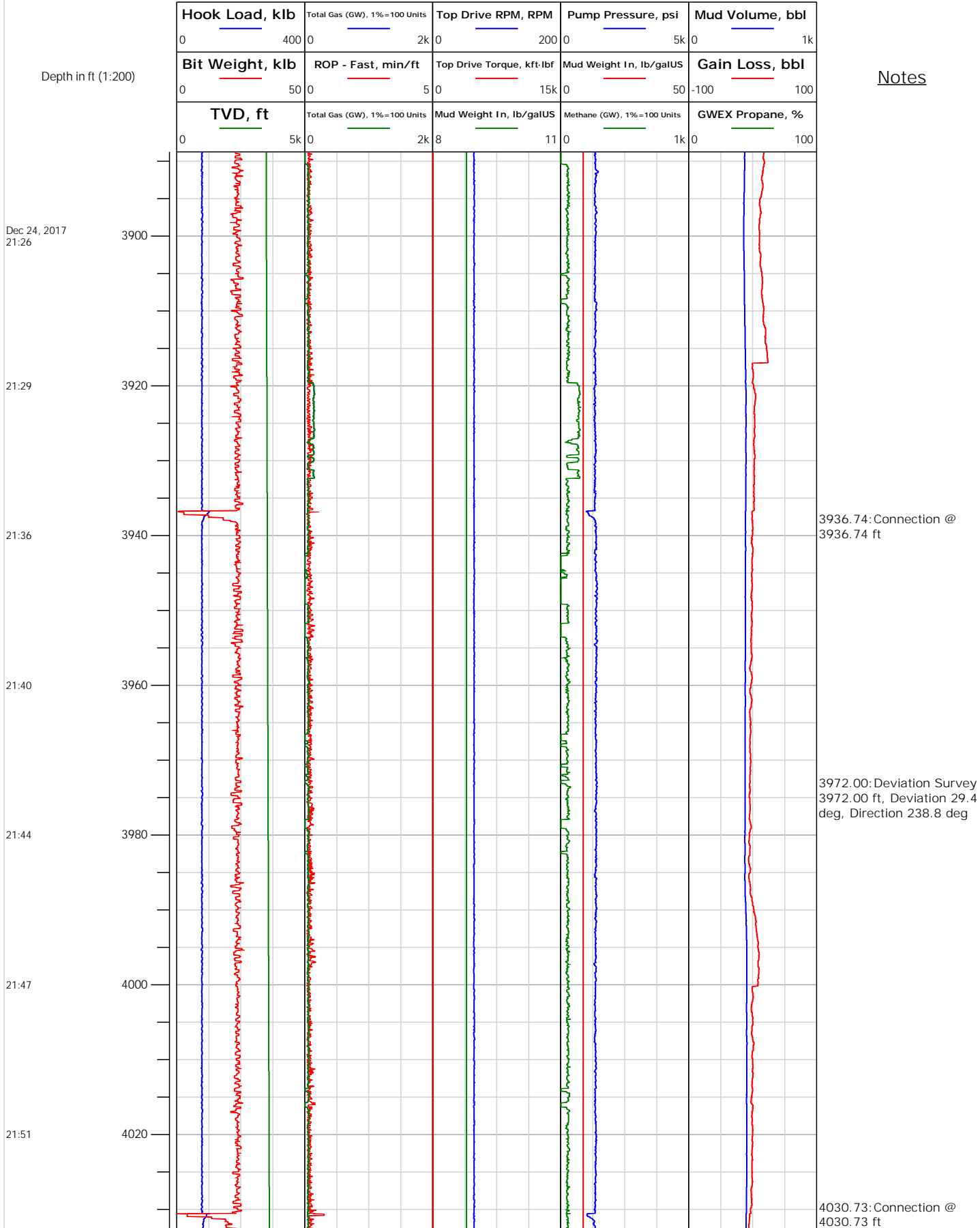
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





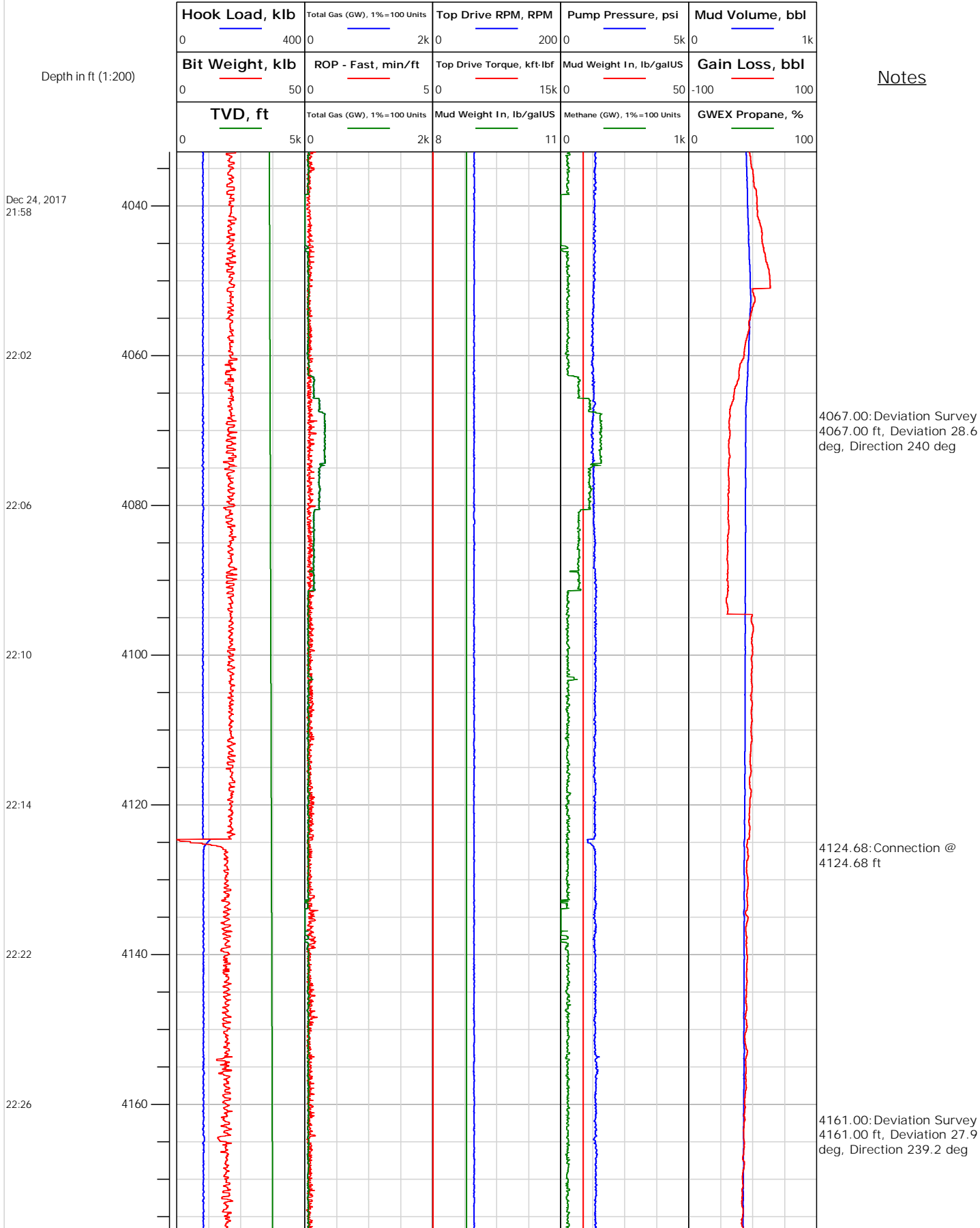
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





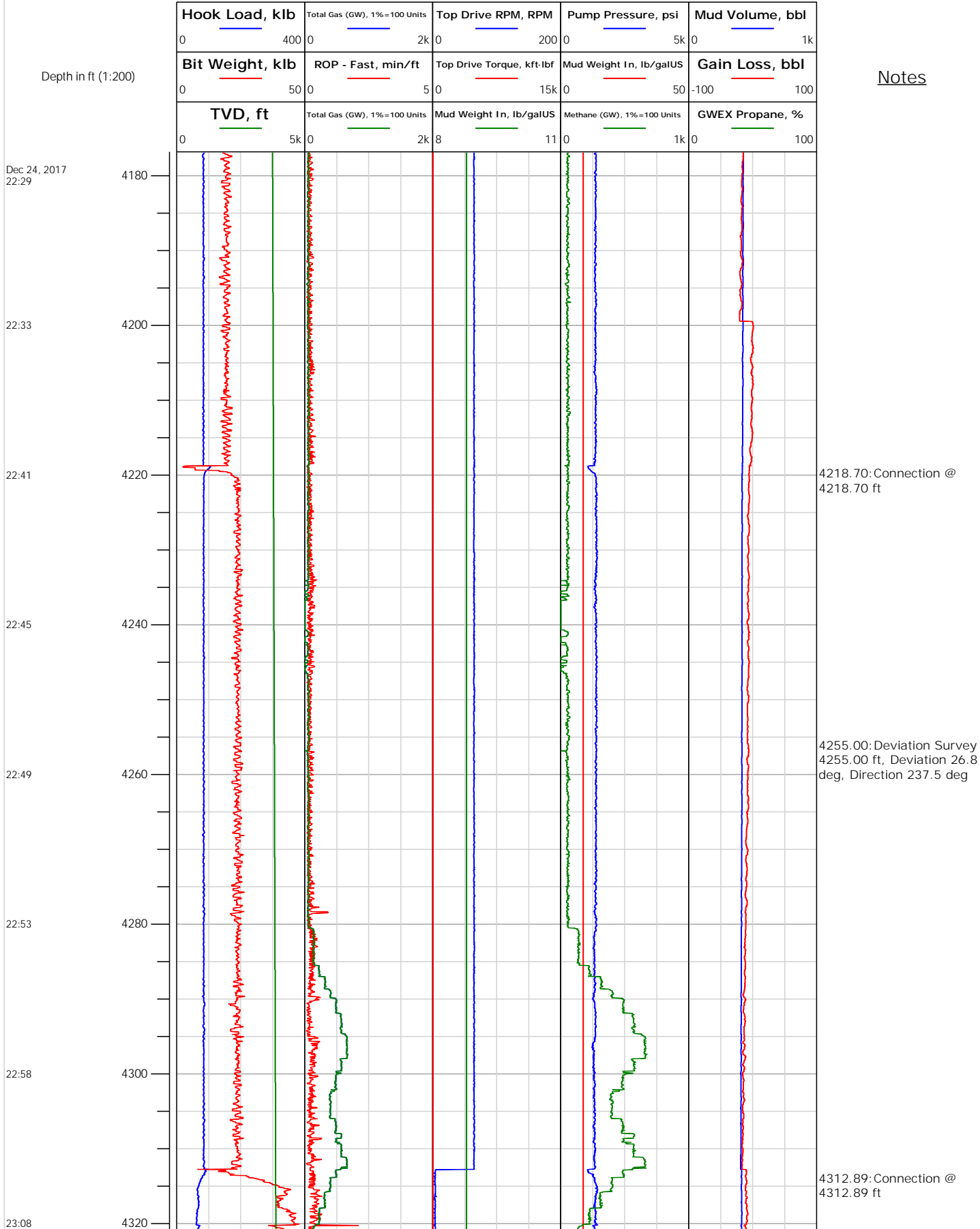
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





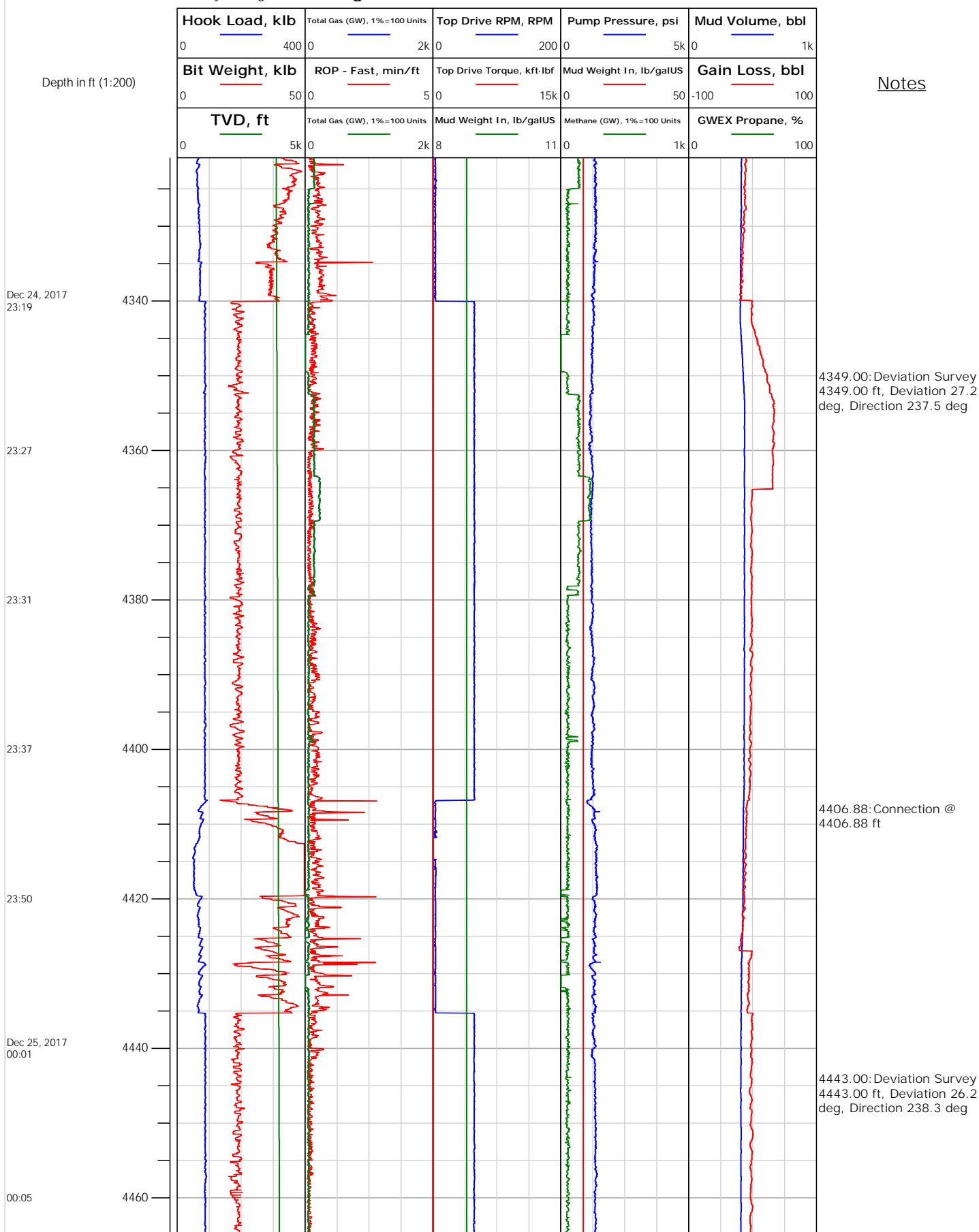
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





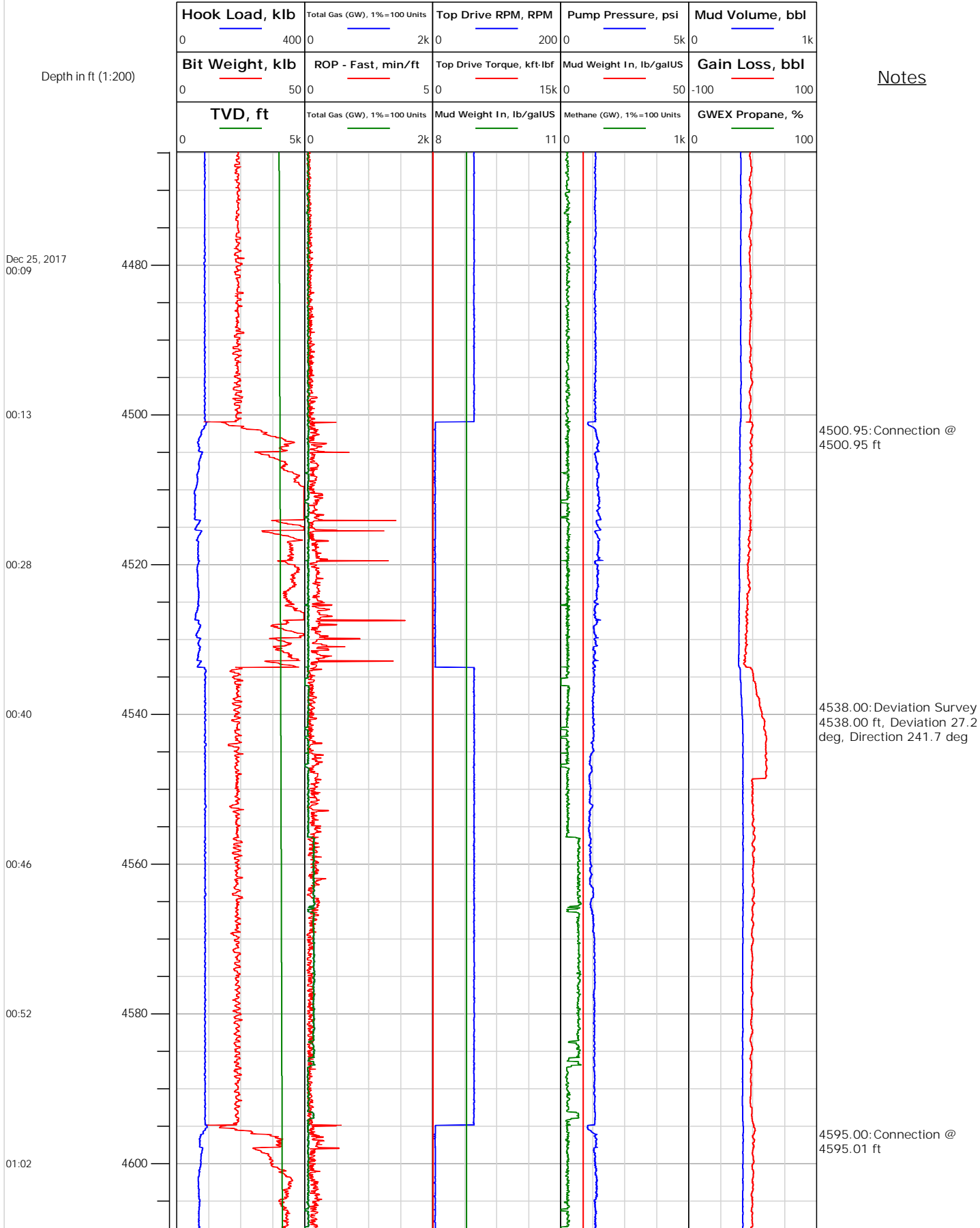
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





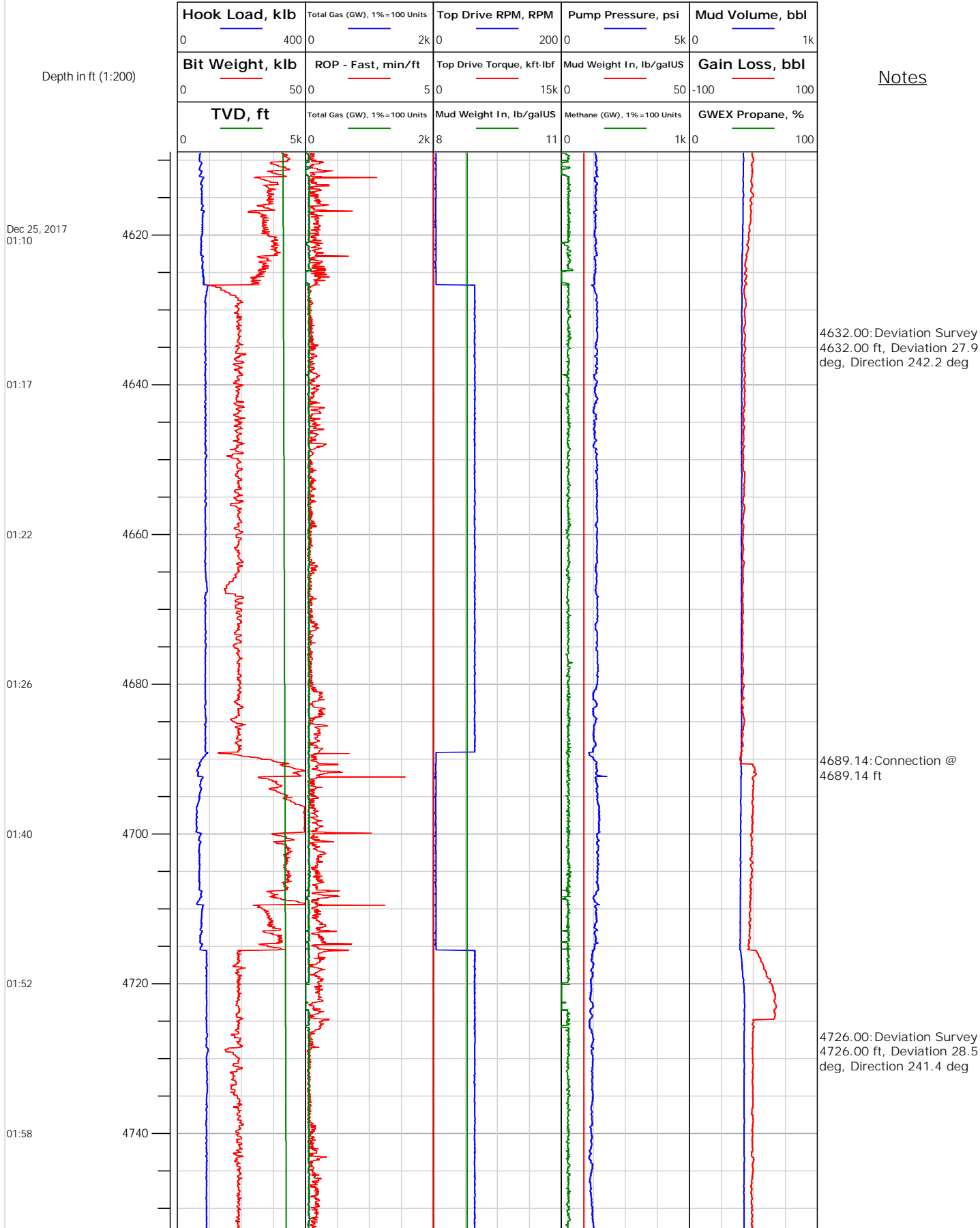
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





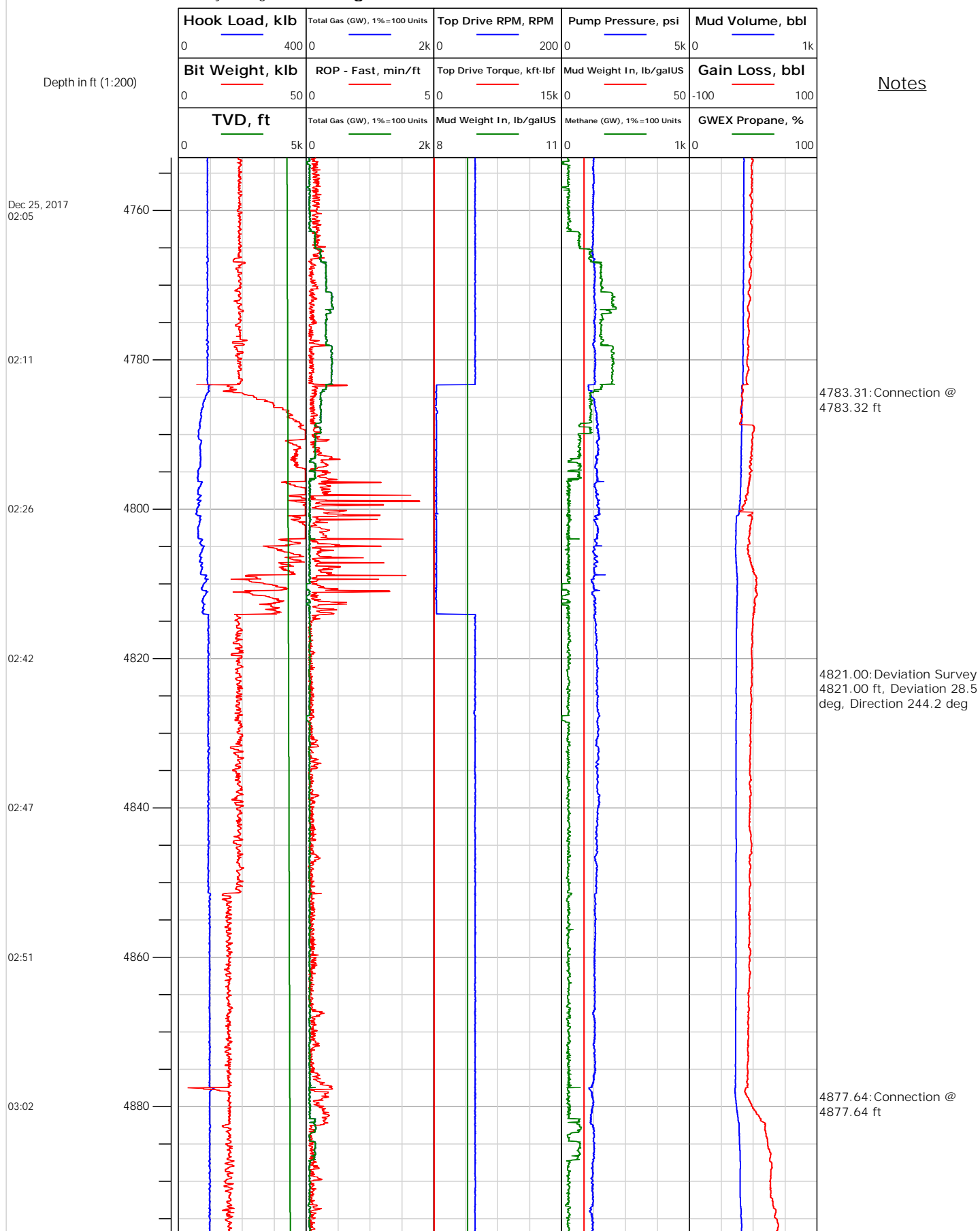
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes



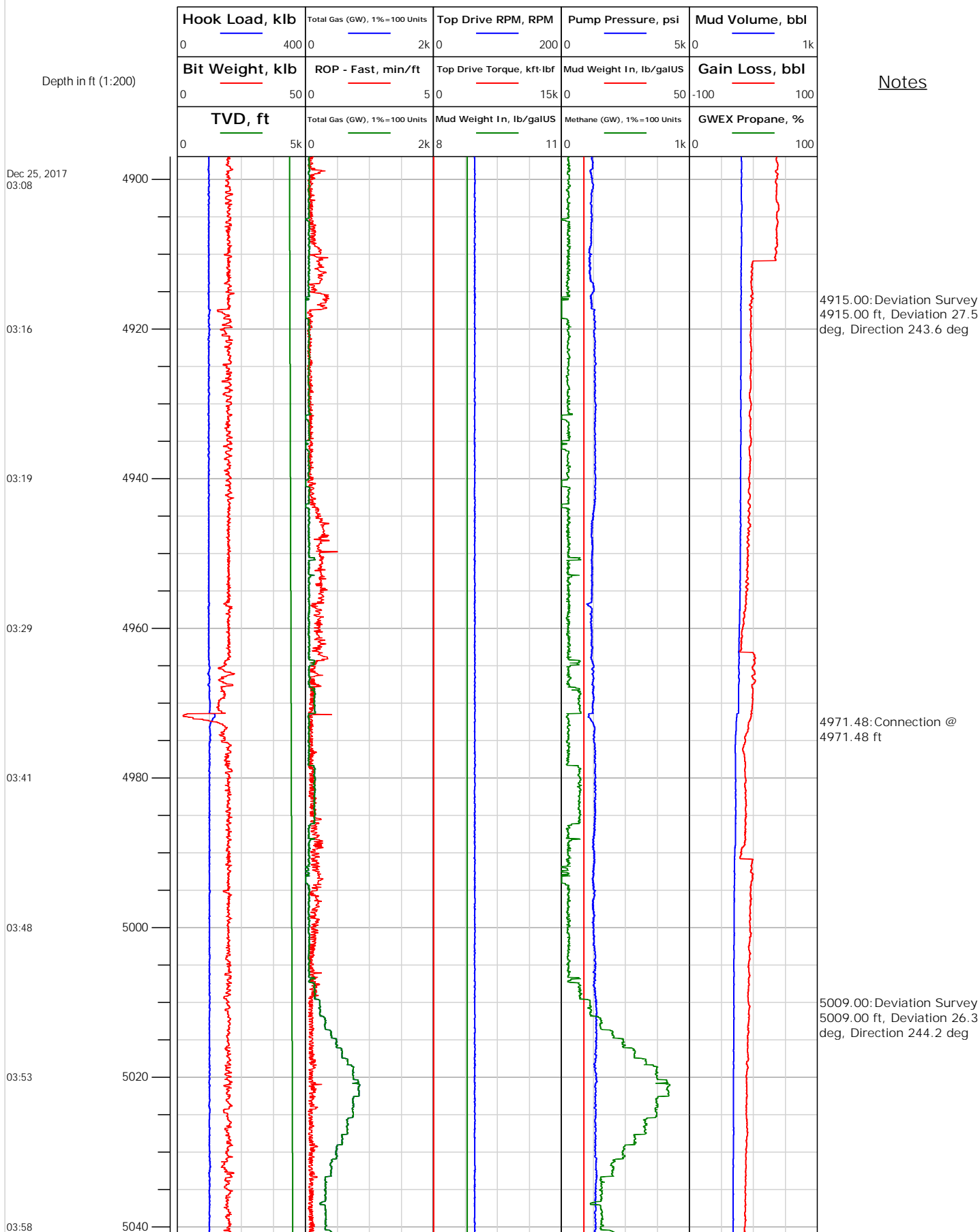


Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:





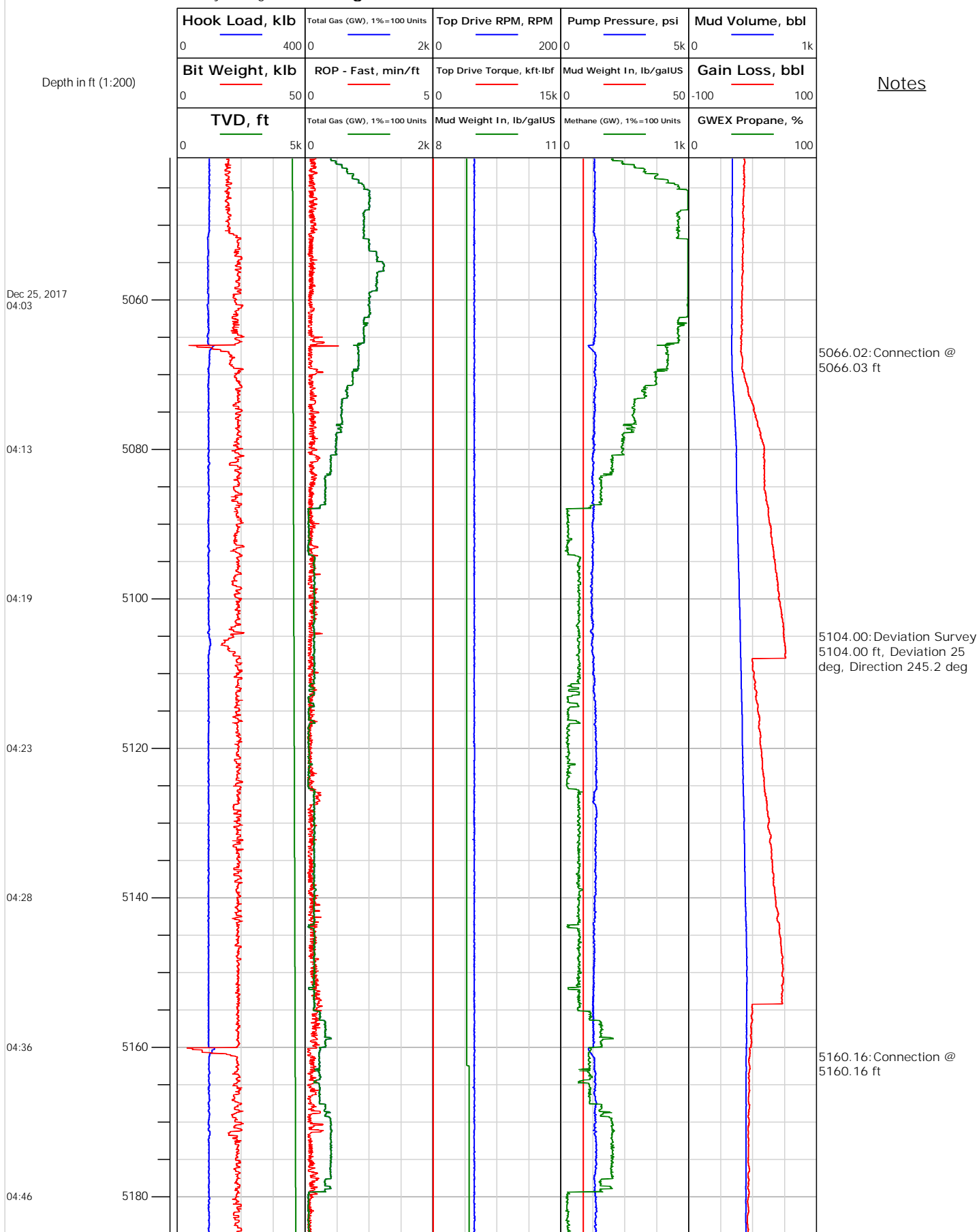
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





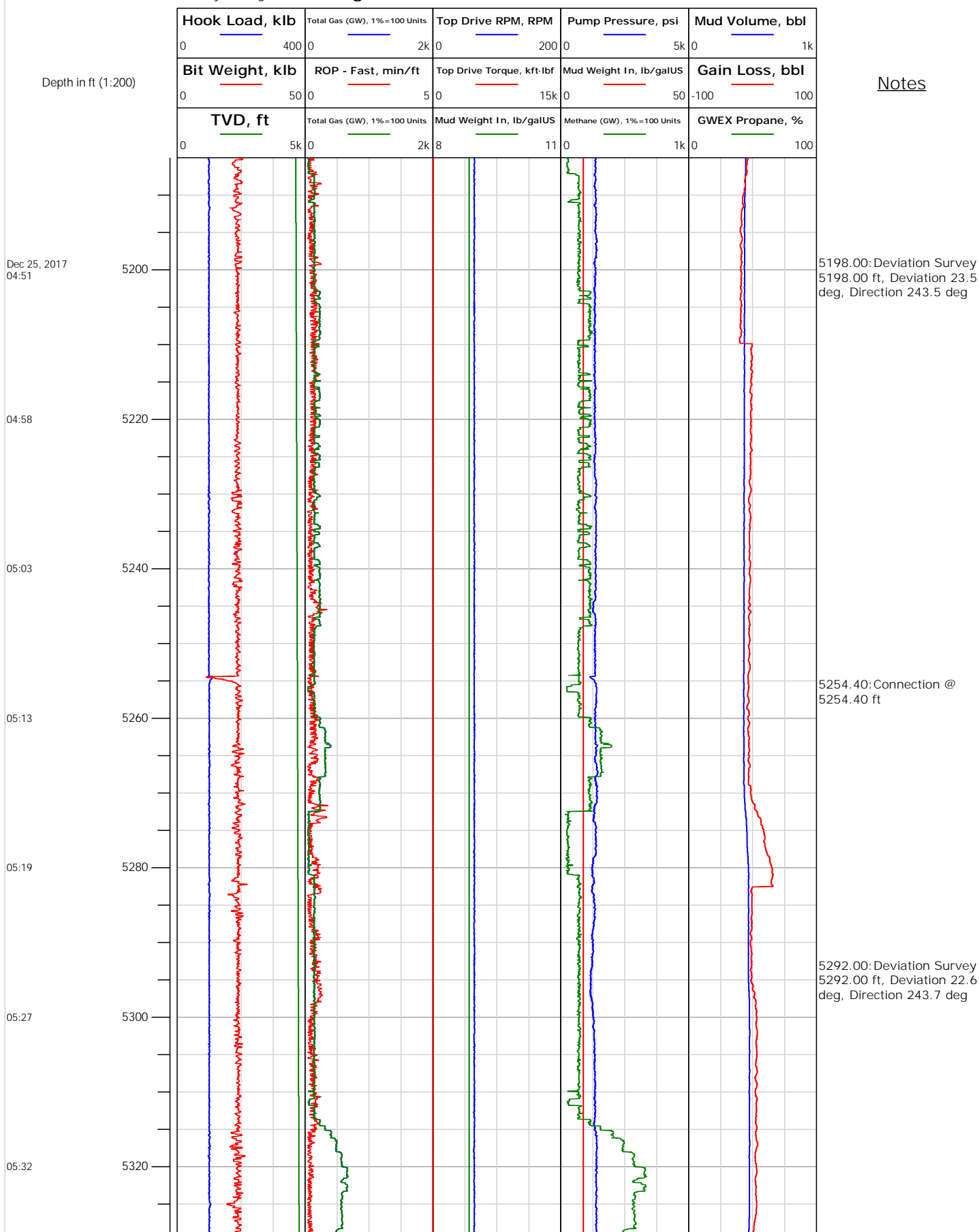
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





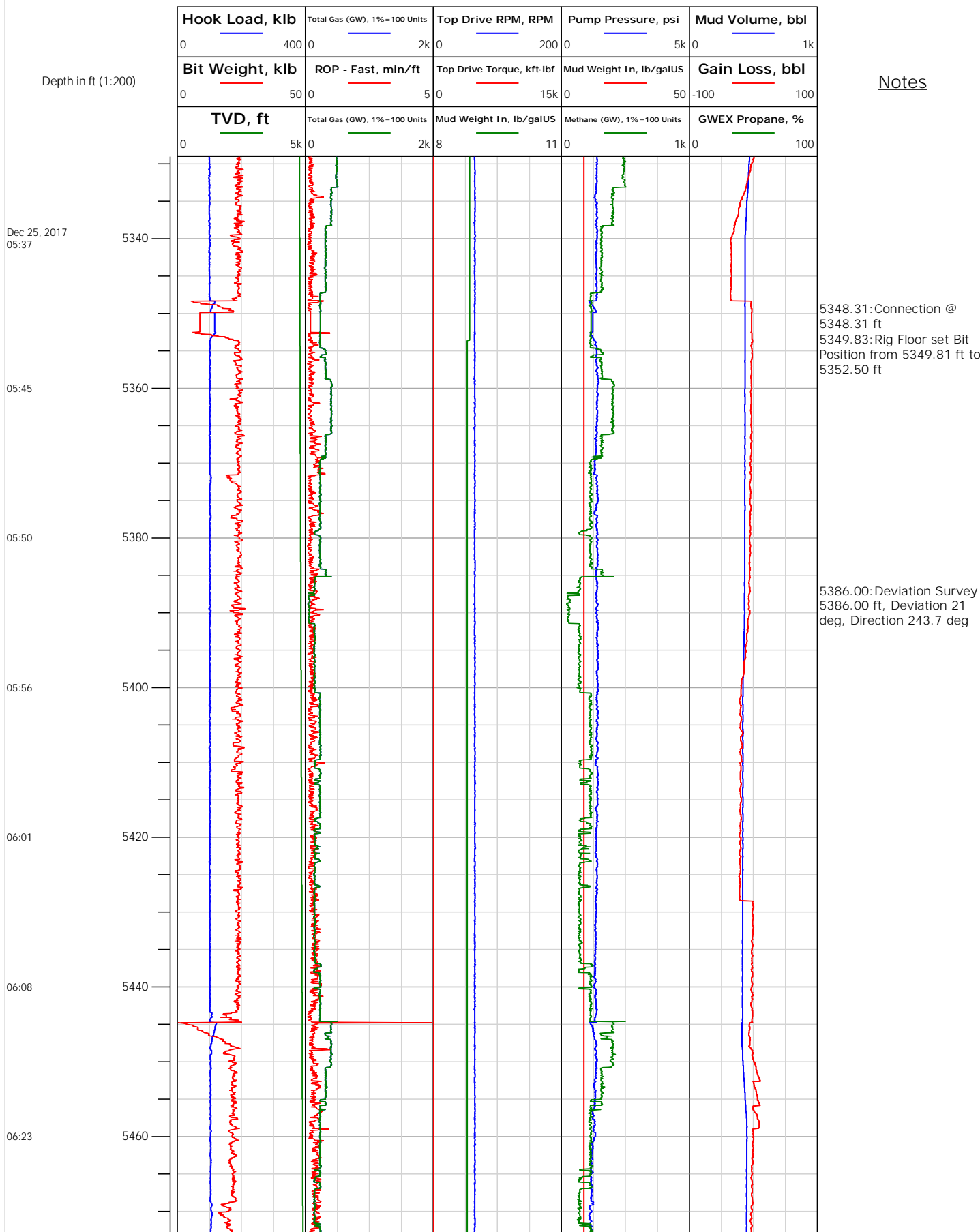
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





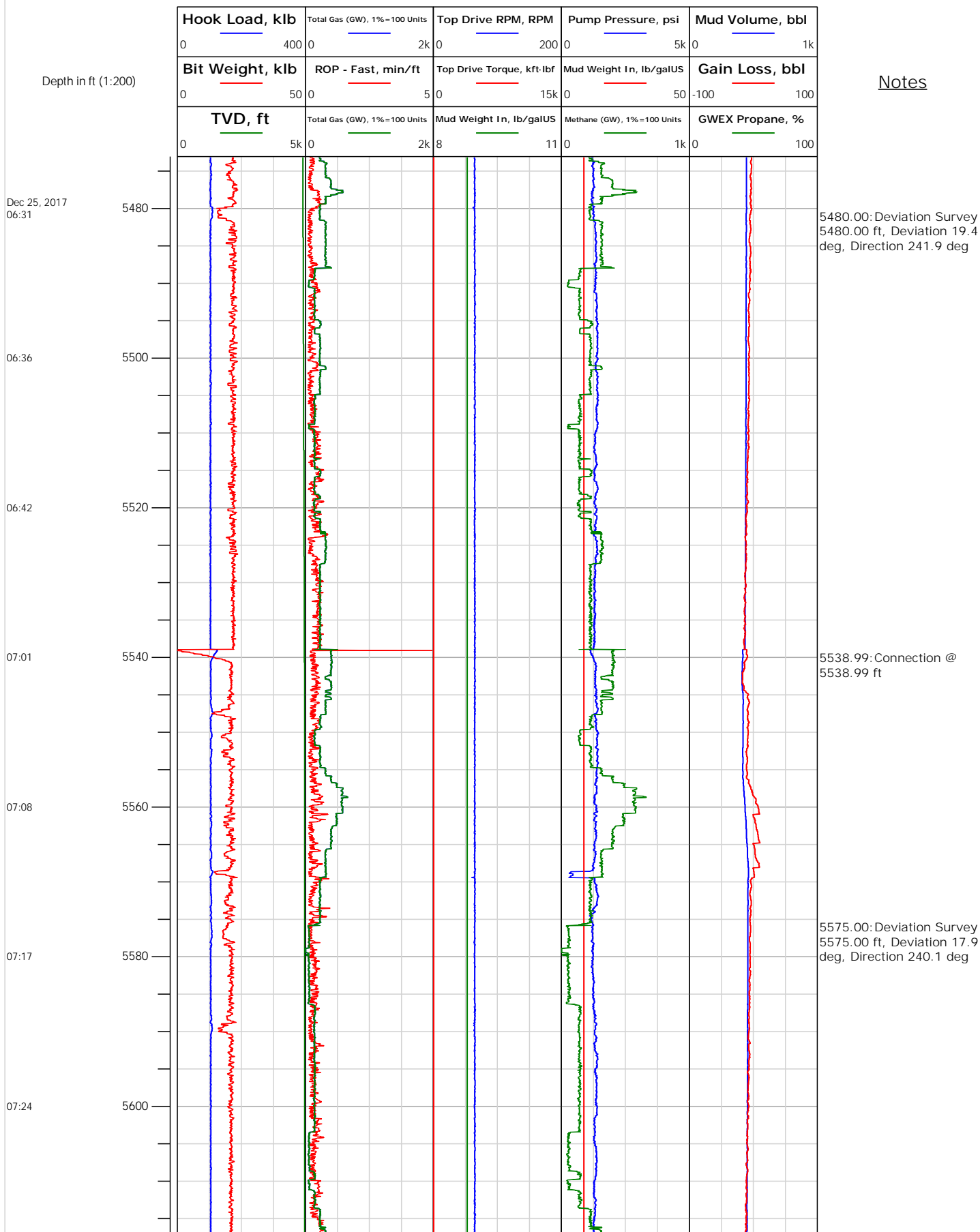
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





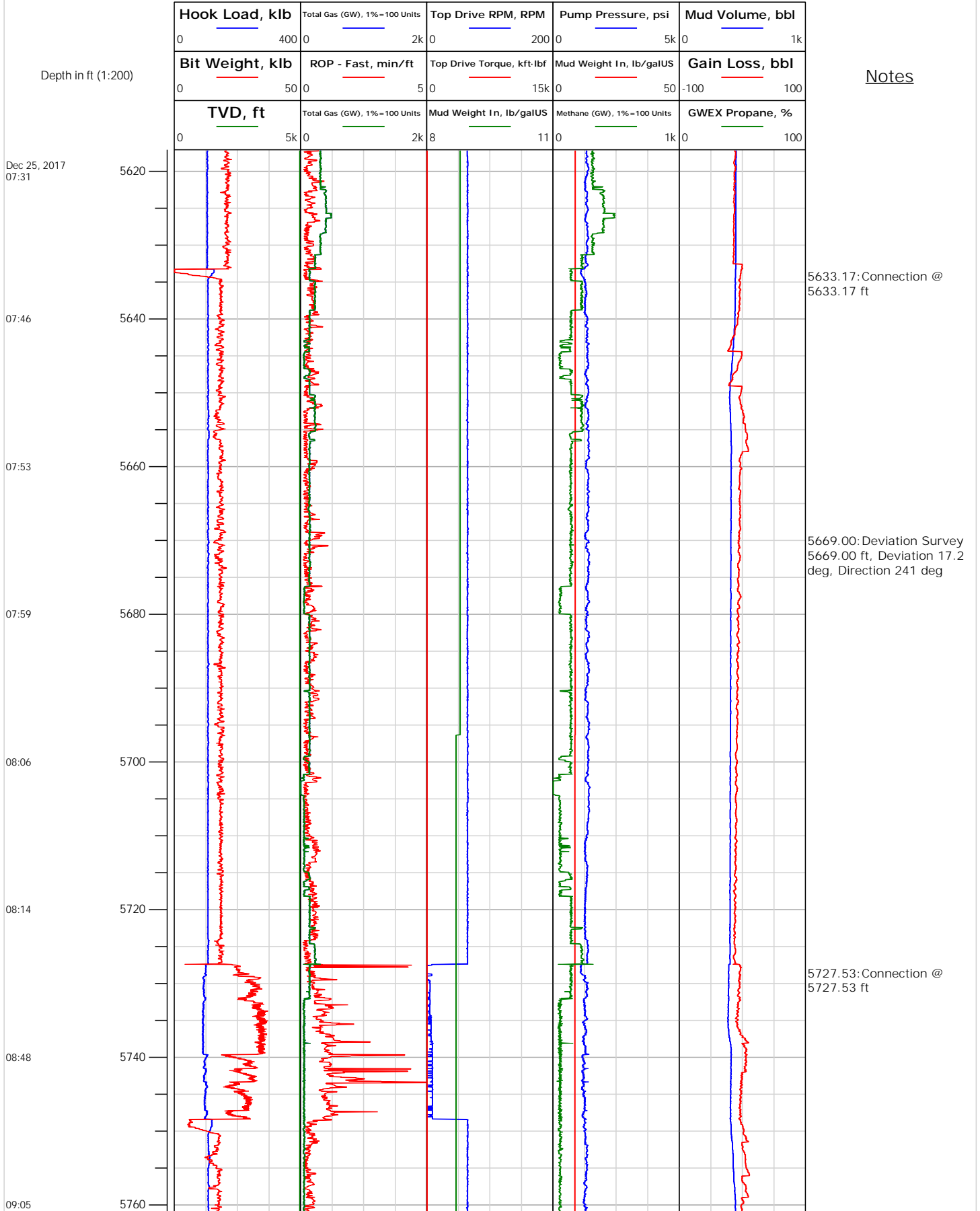
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





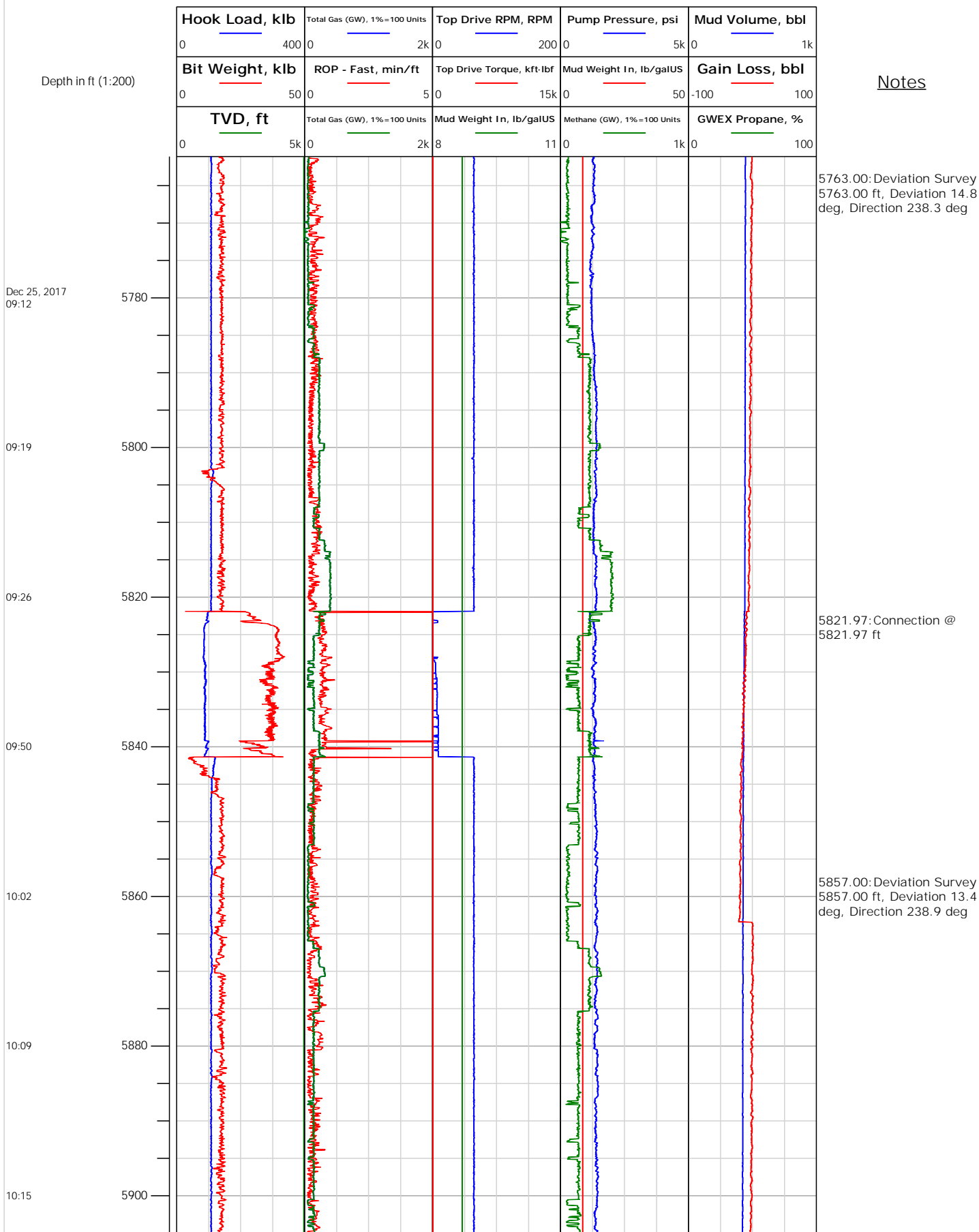
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





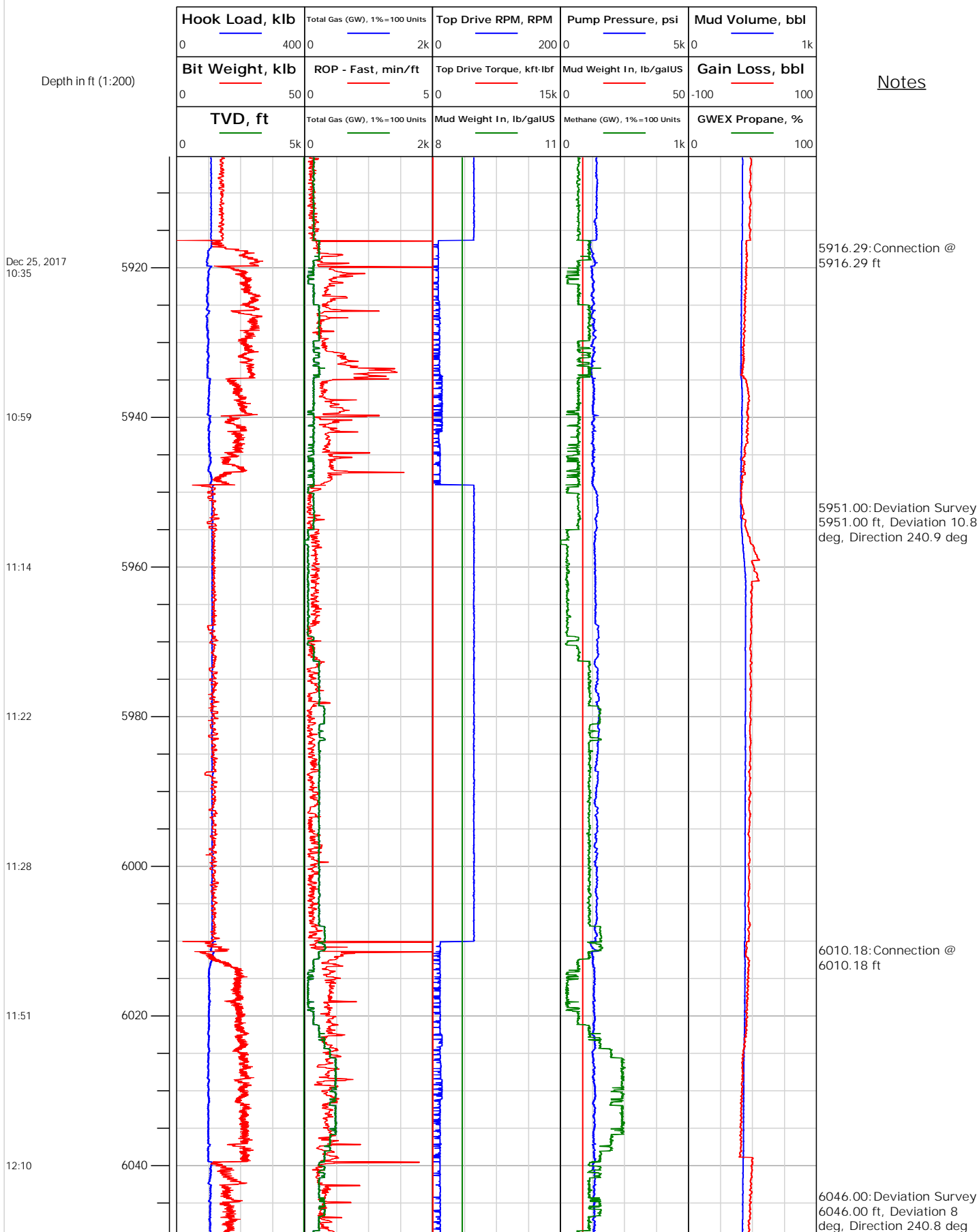
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





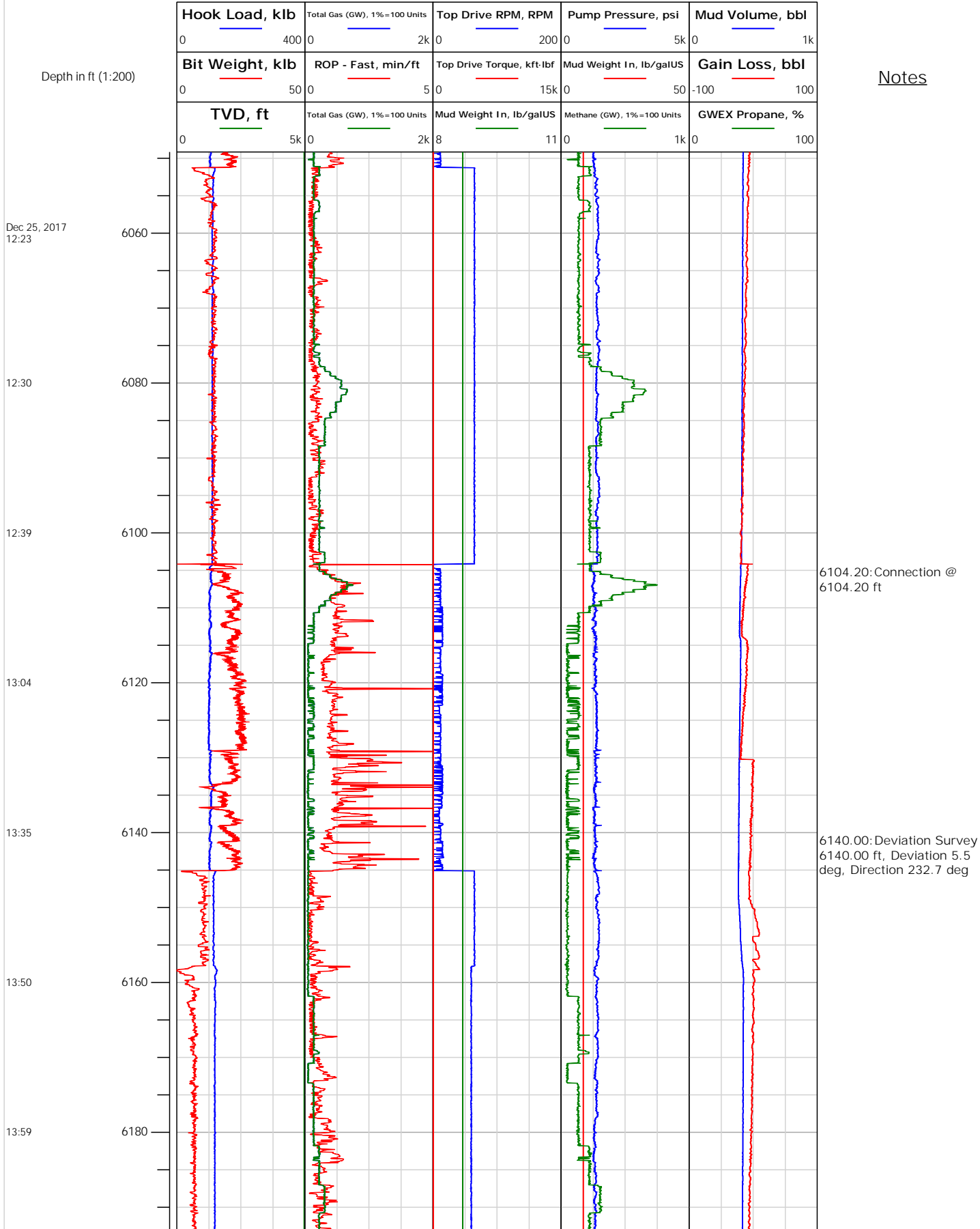
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





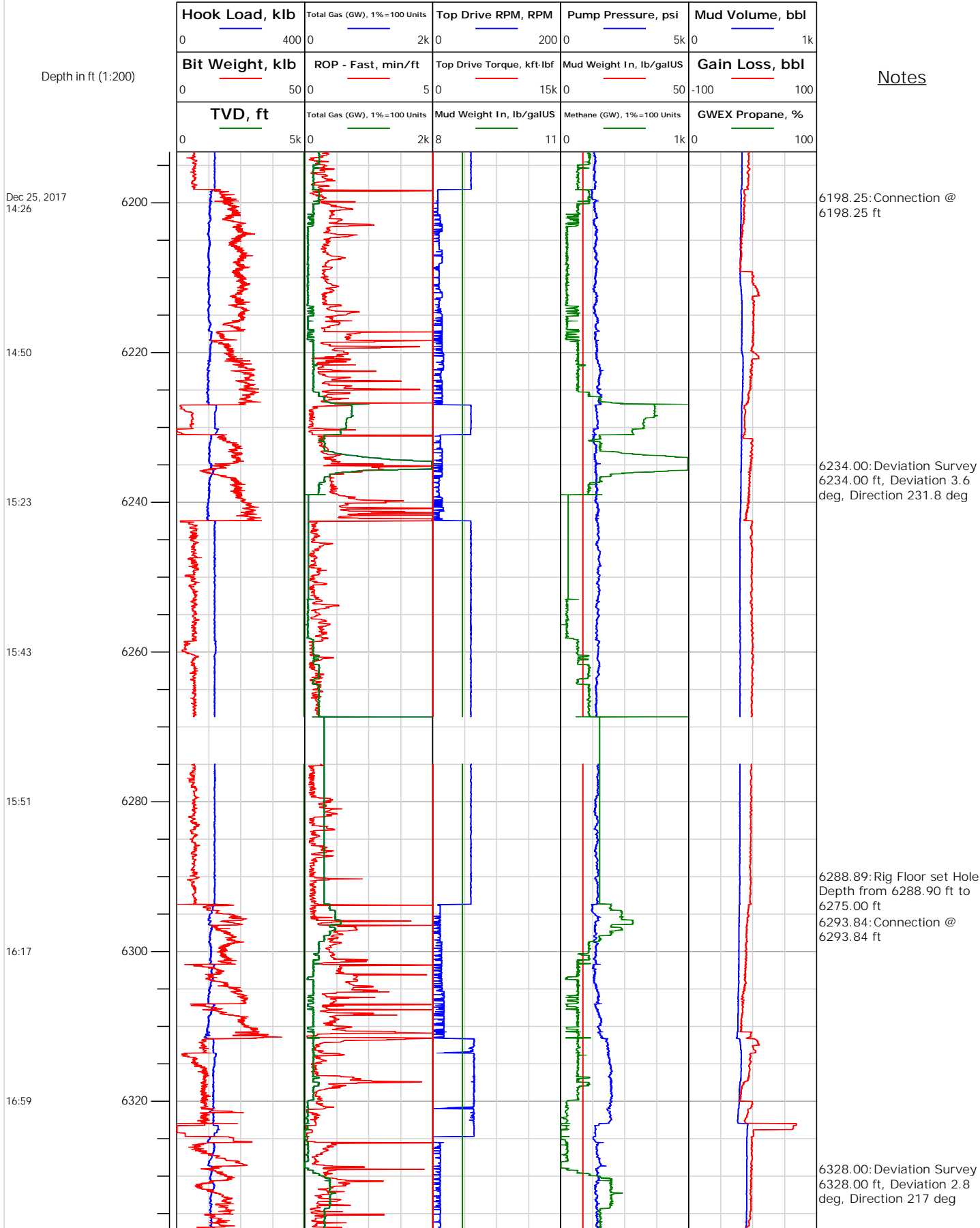
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





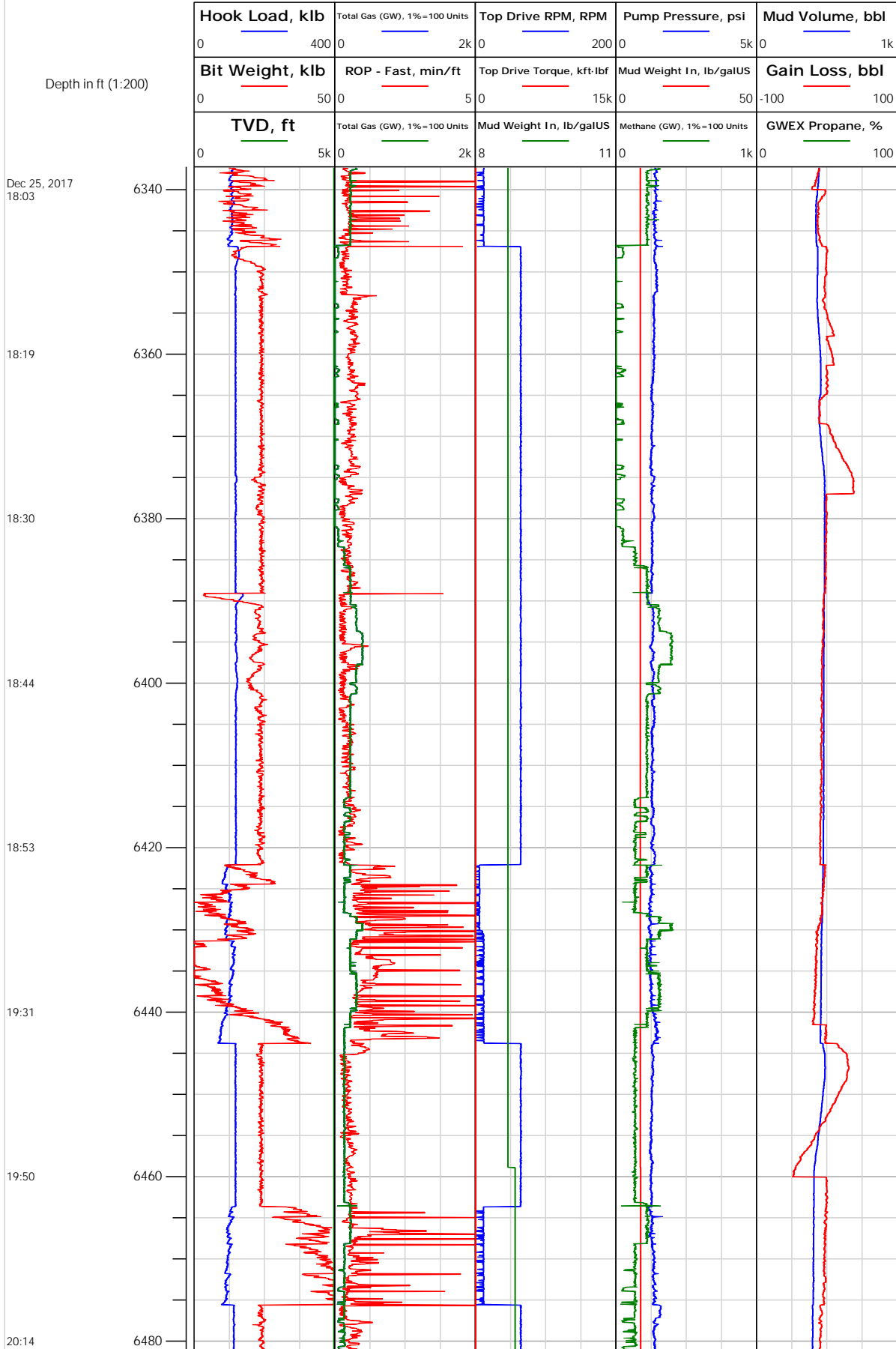
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





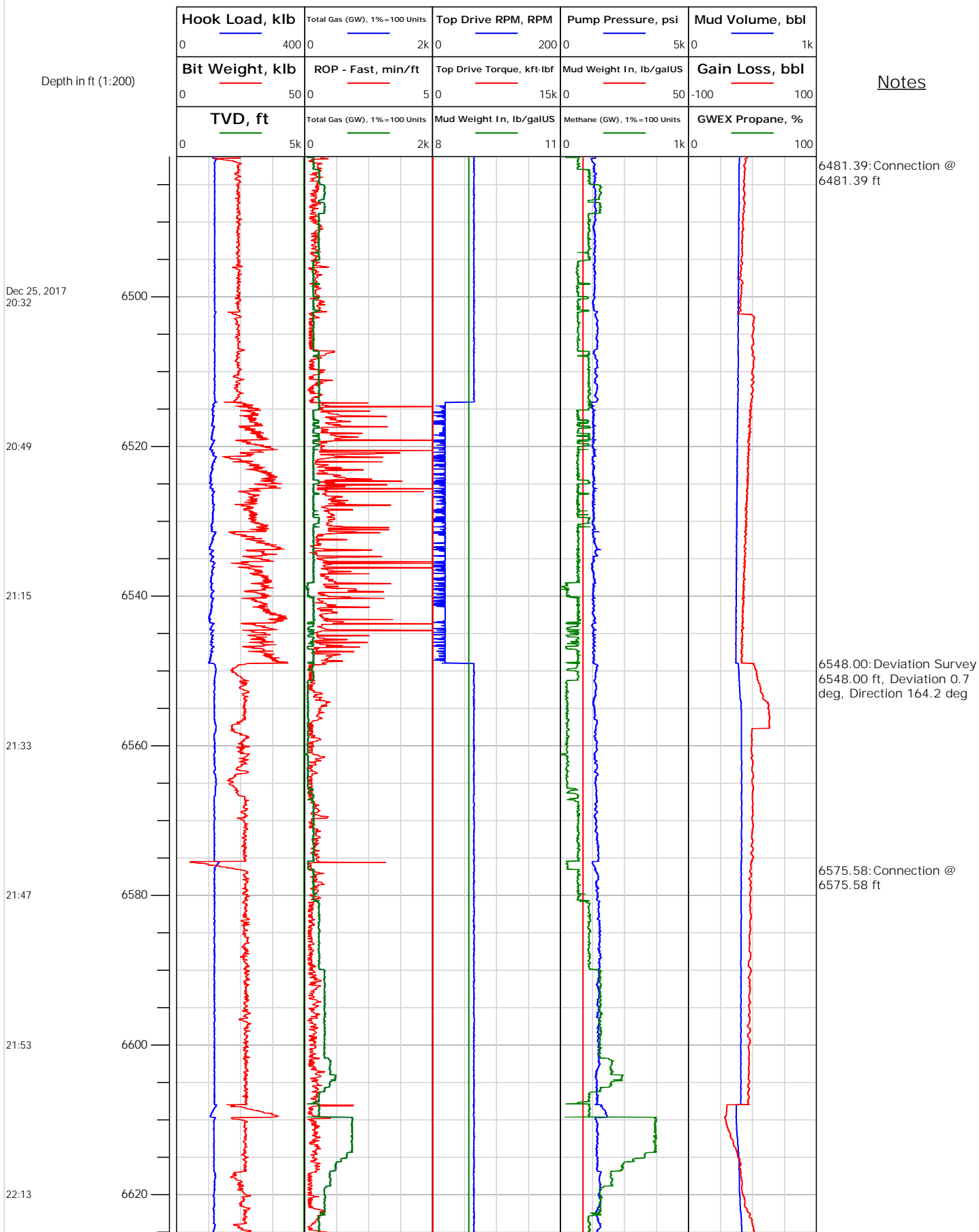
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





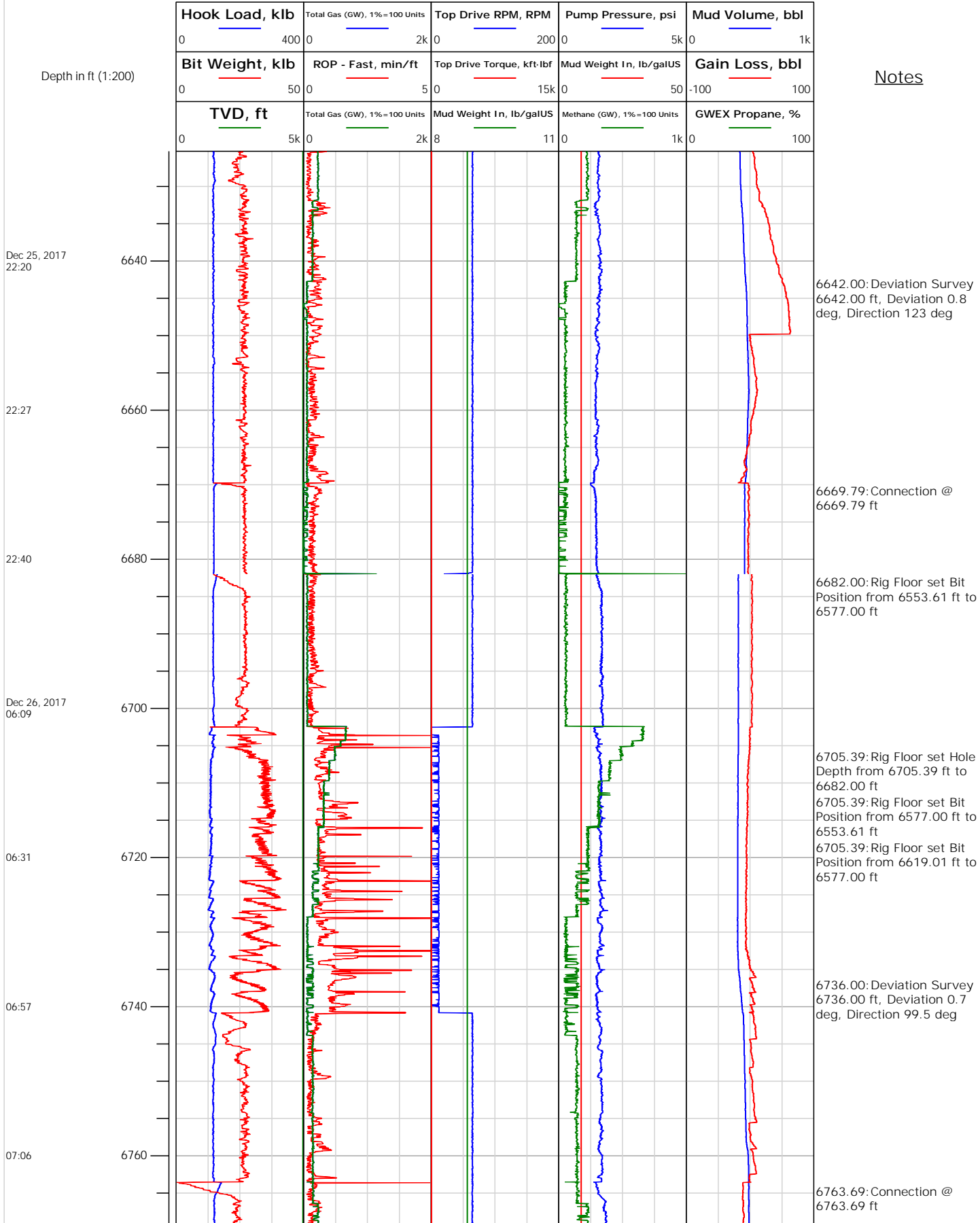
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





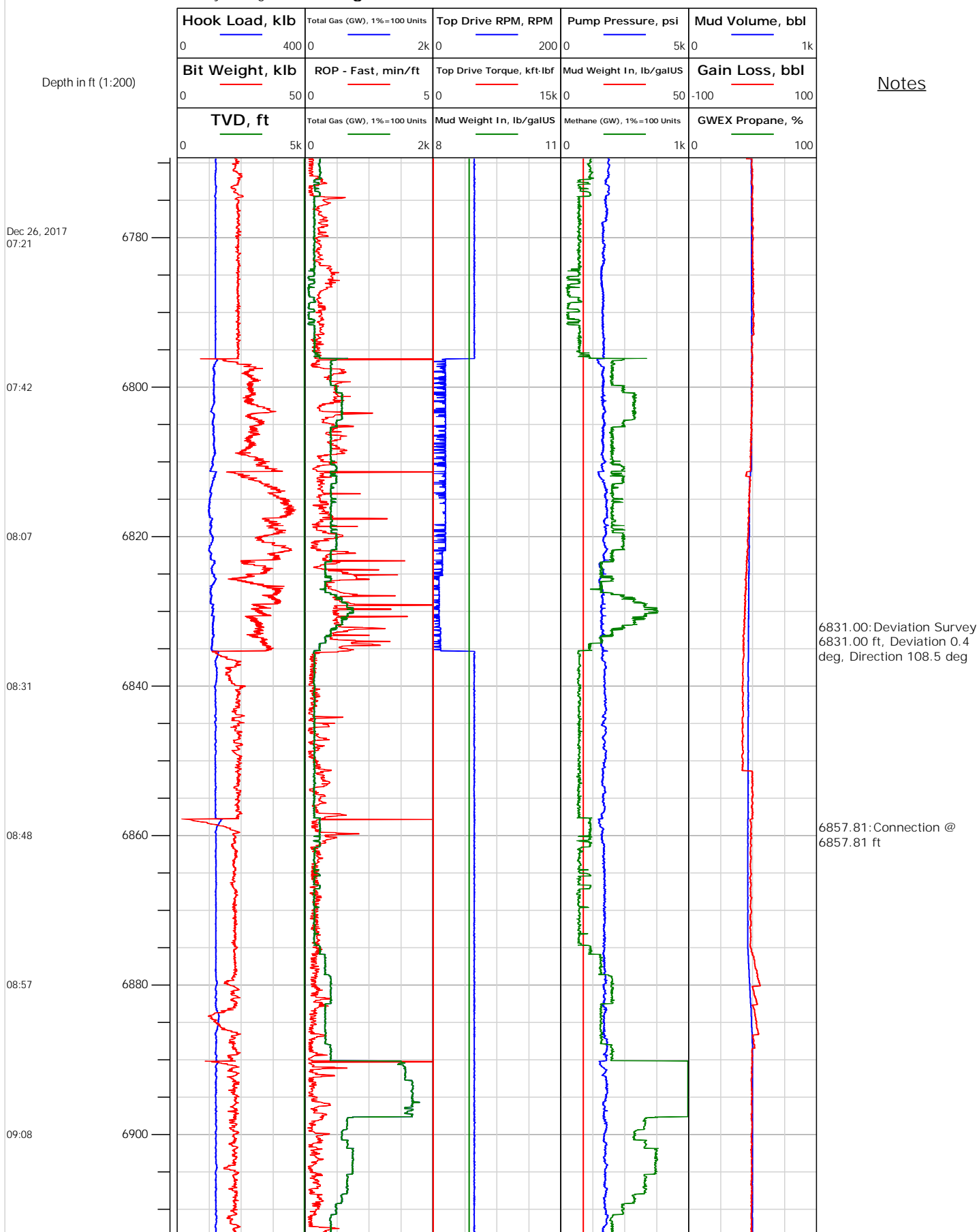
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





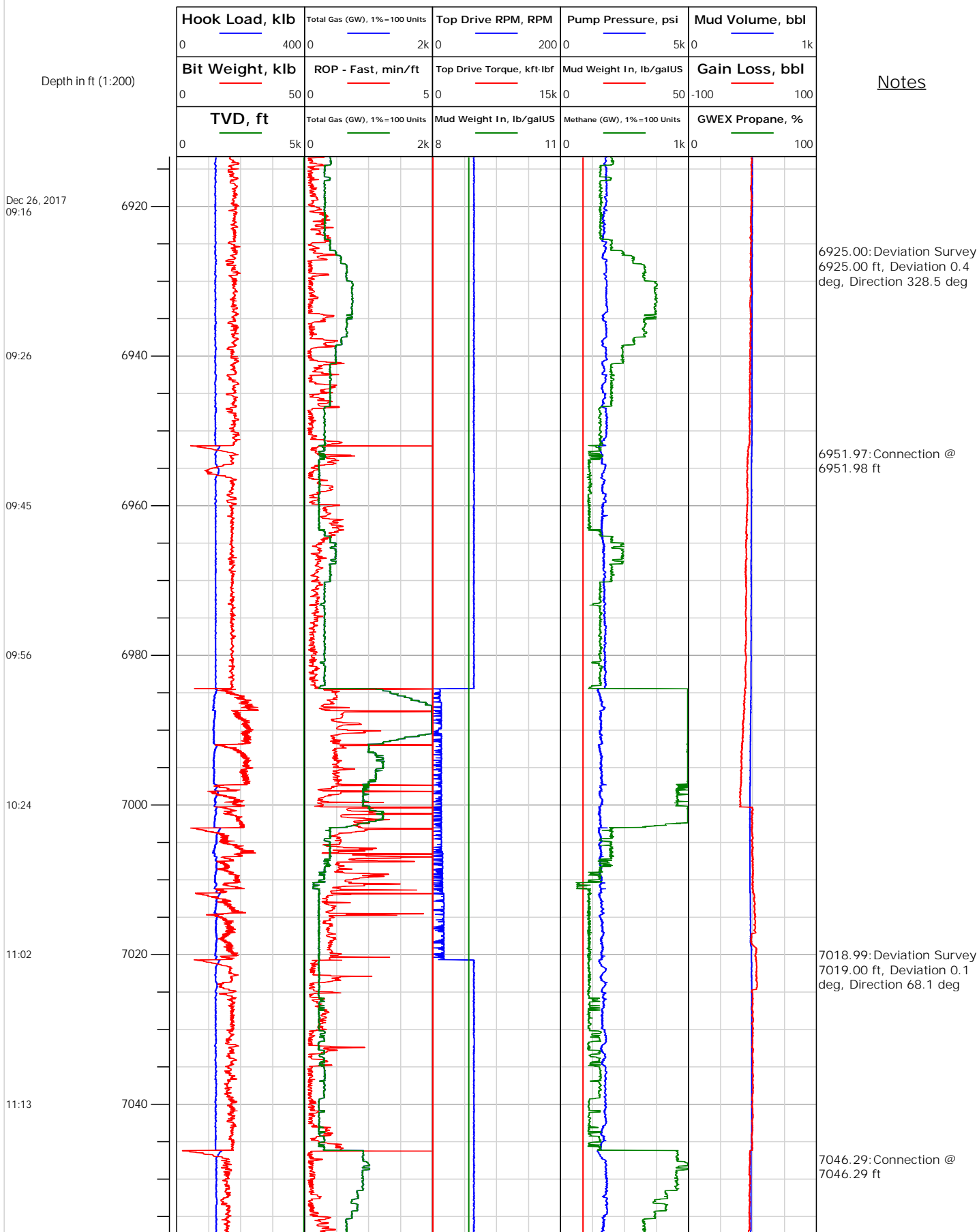
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





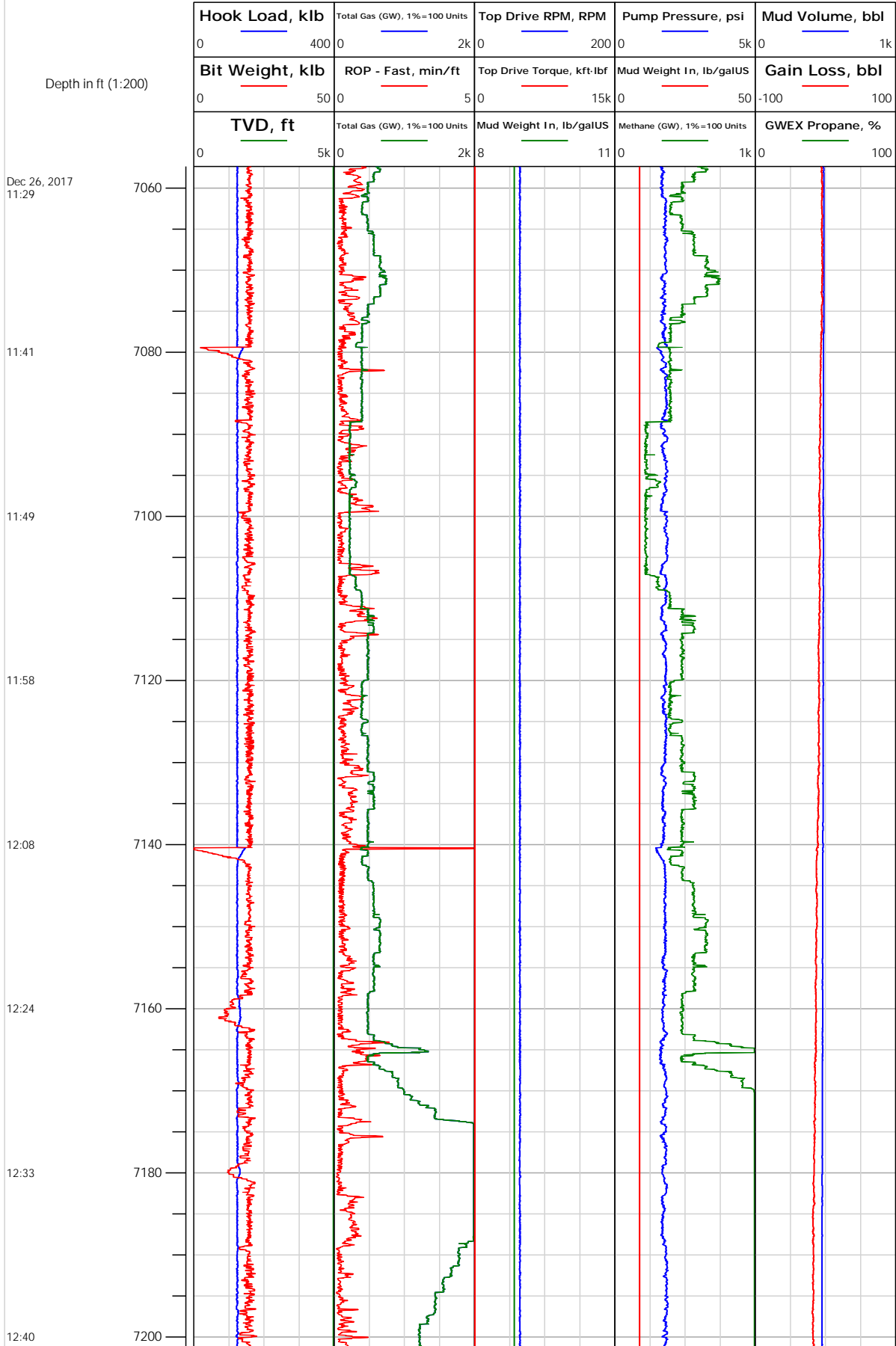
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





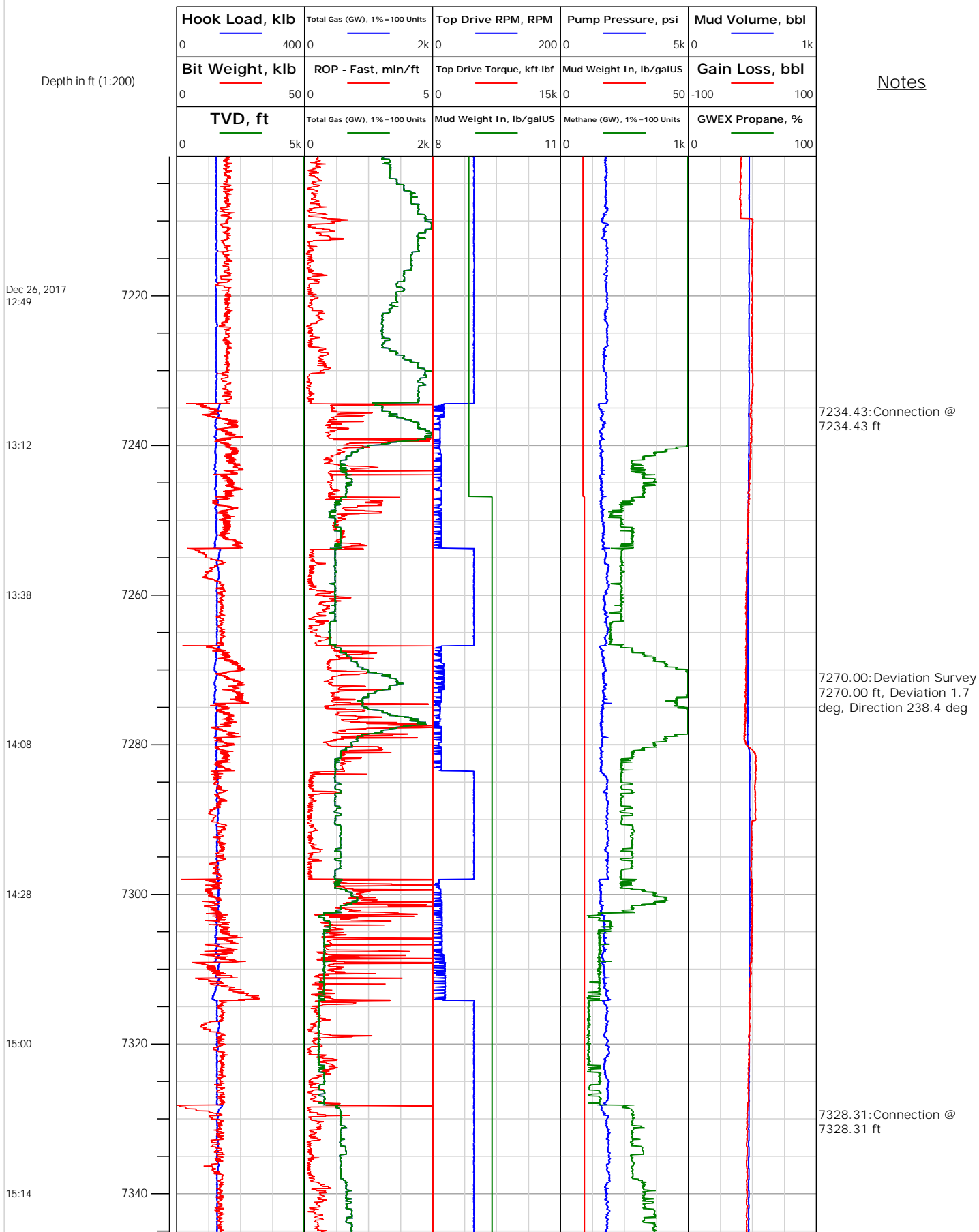
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





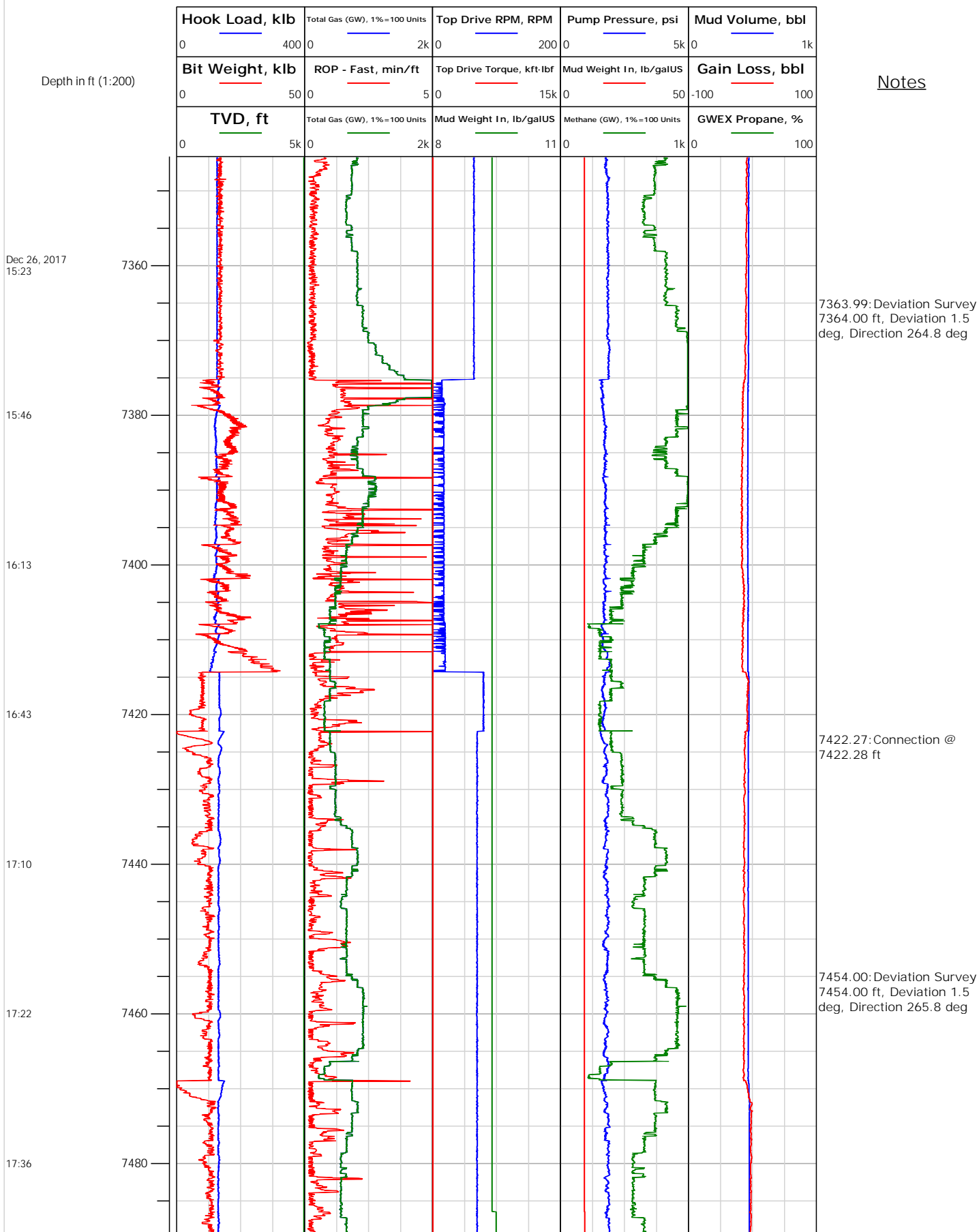
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





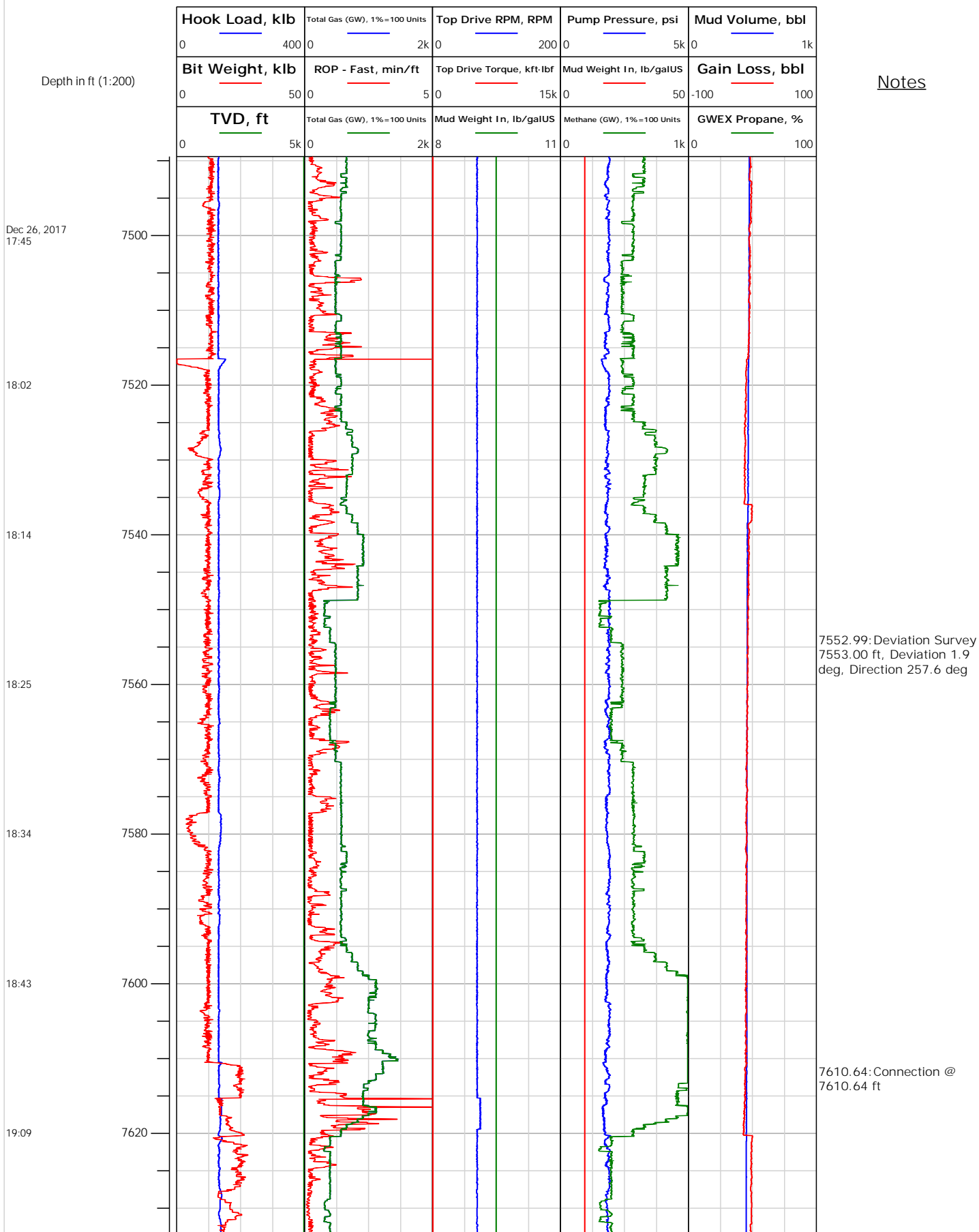
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





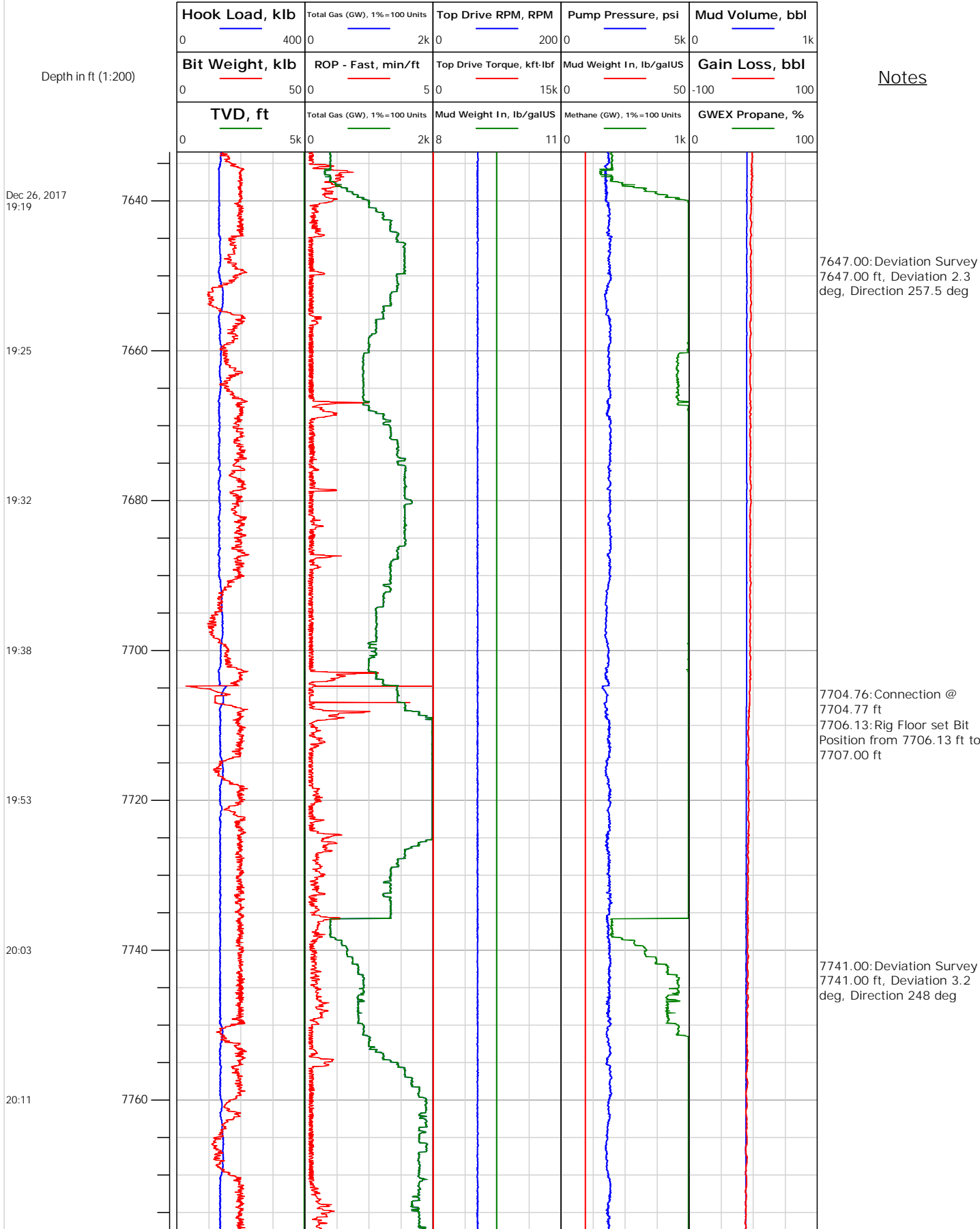
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





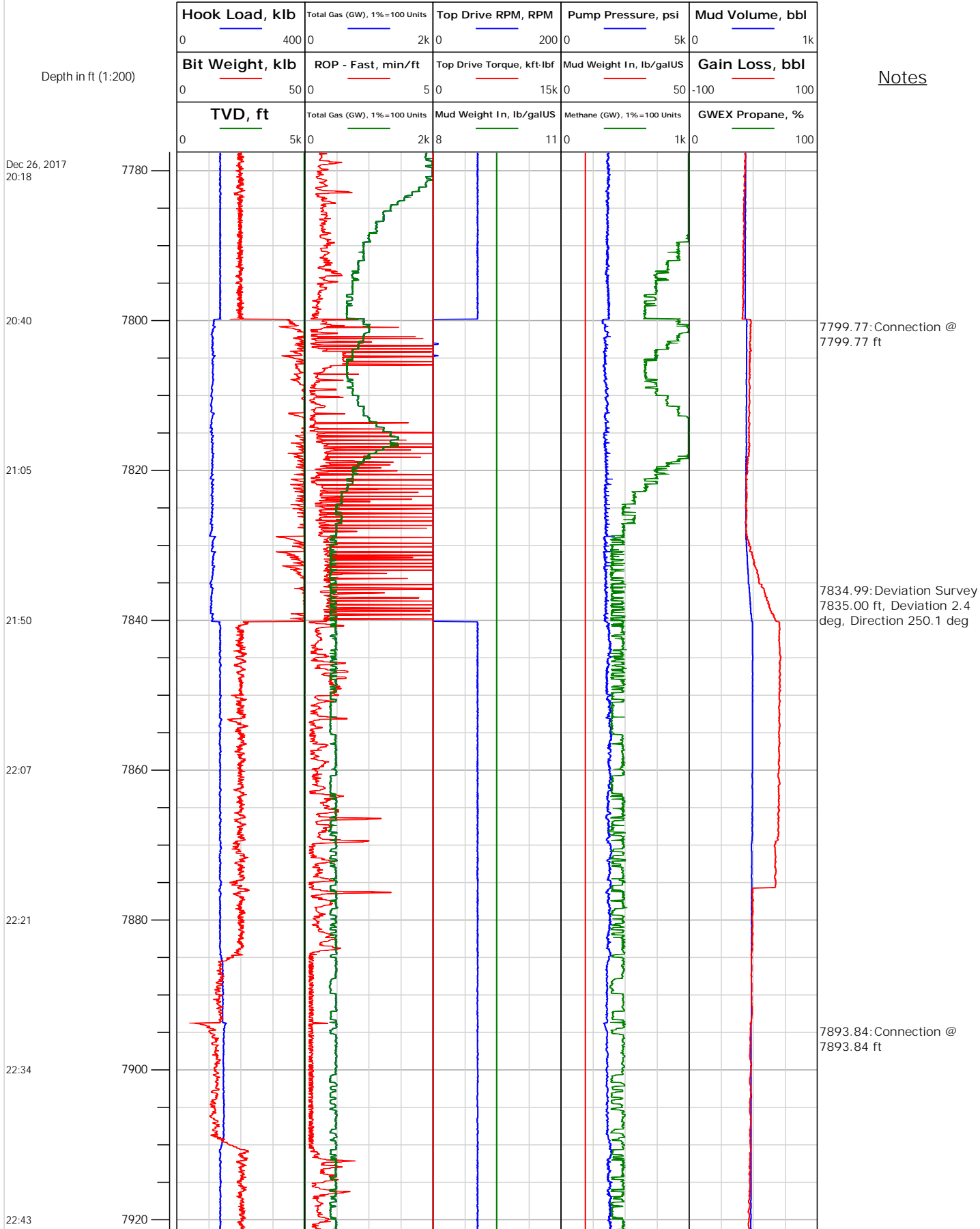
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





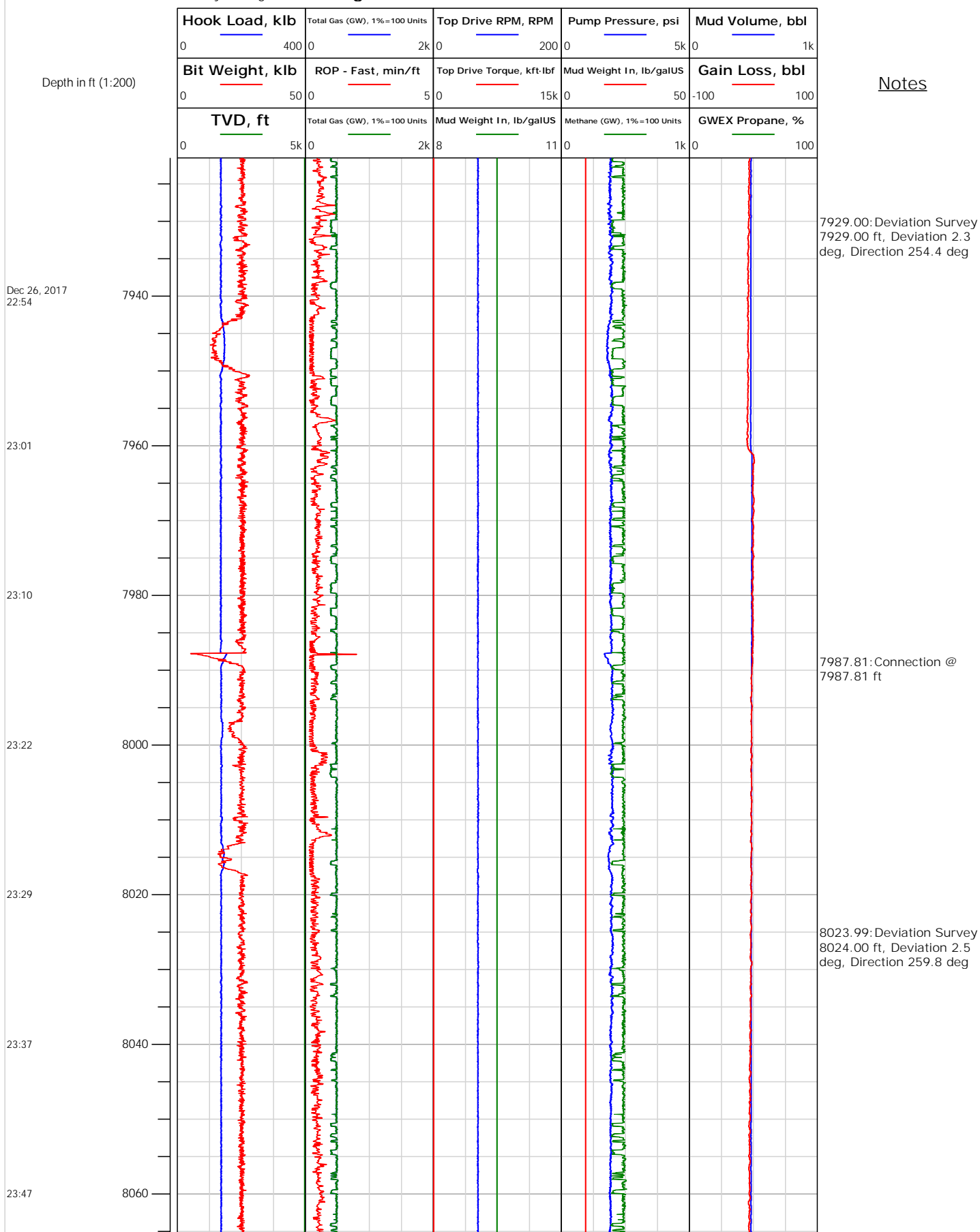
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-16W
Rig: 522

Location:

Notes

