



Electronic Drilling Recorder

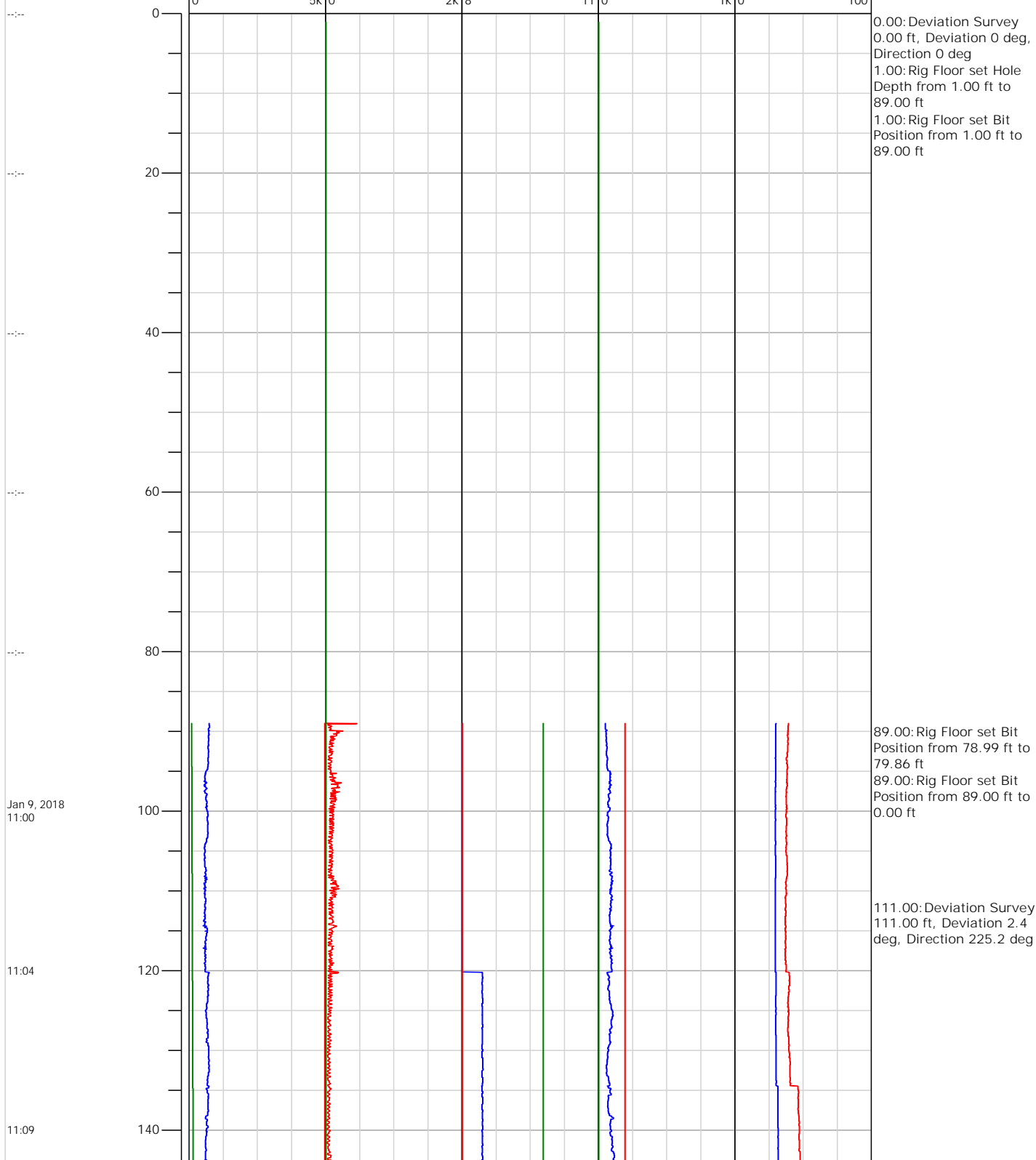
Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

Depth in ft (1:200)

Notes





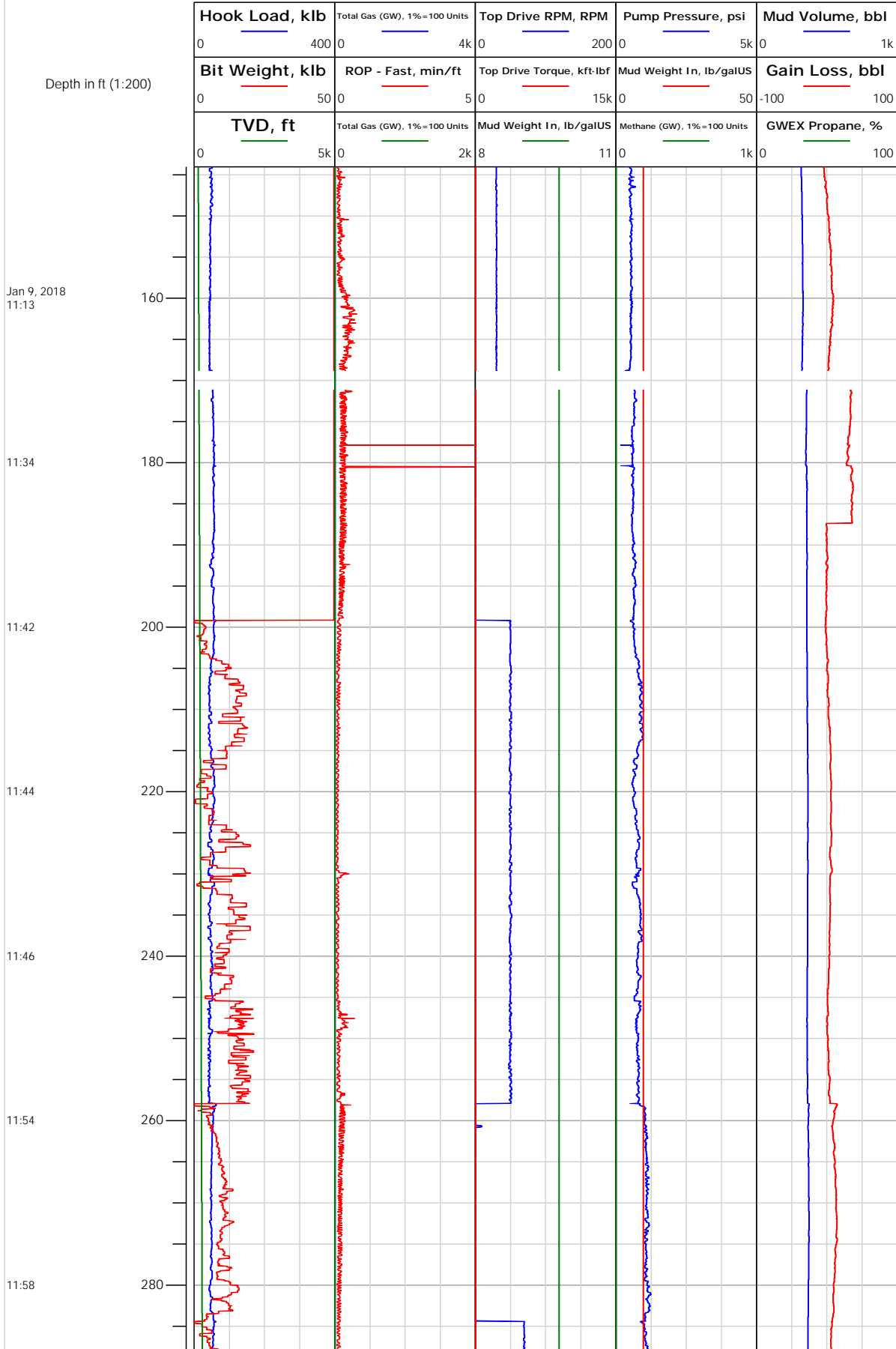
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

Notes





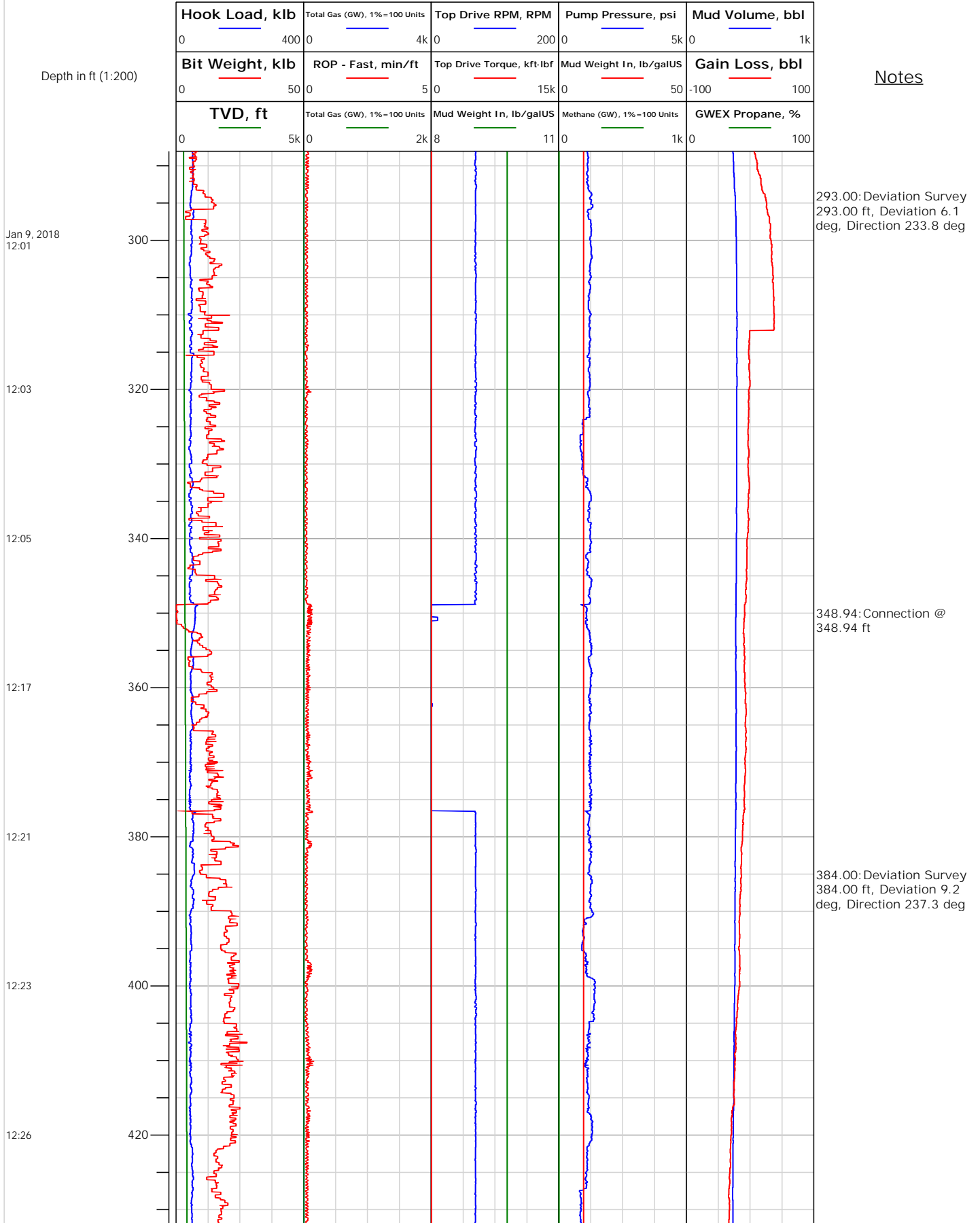
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

Notes





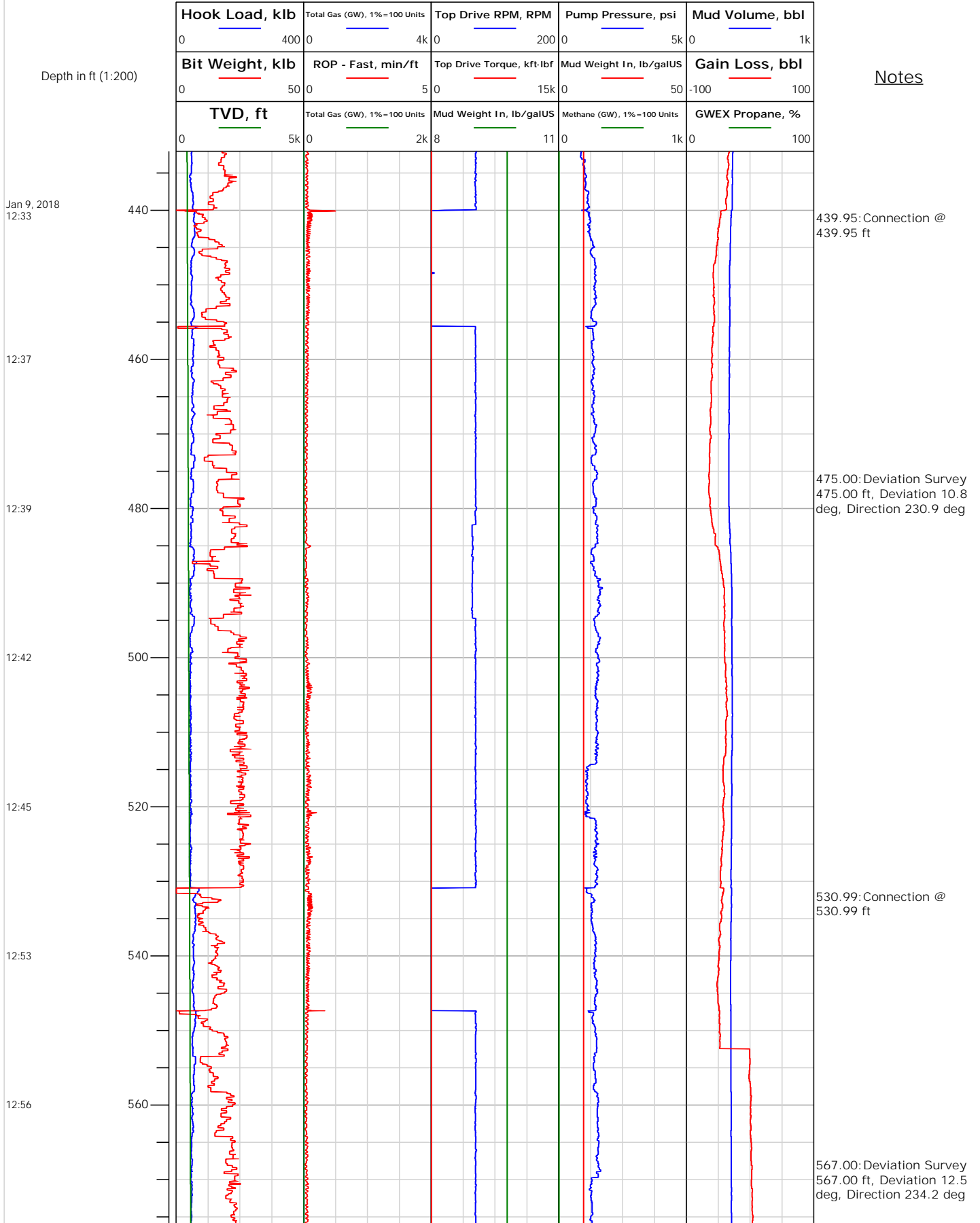
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

Notes





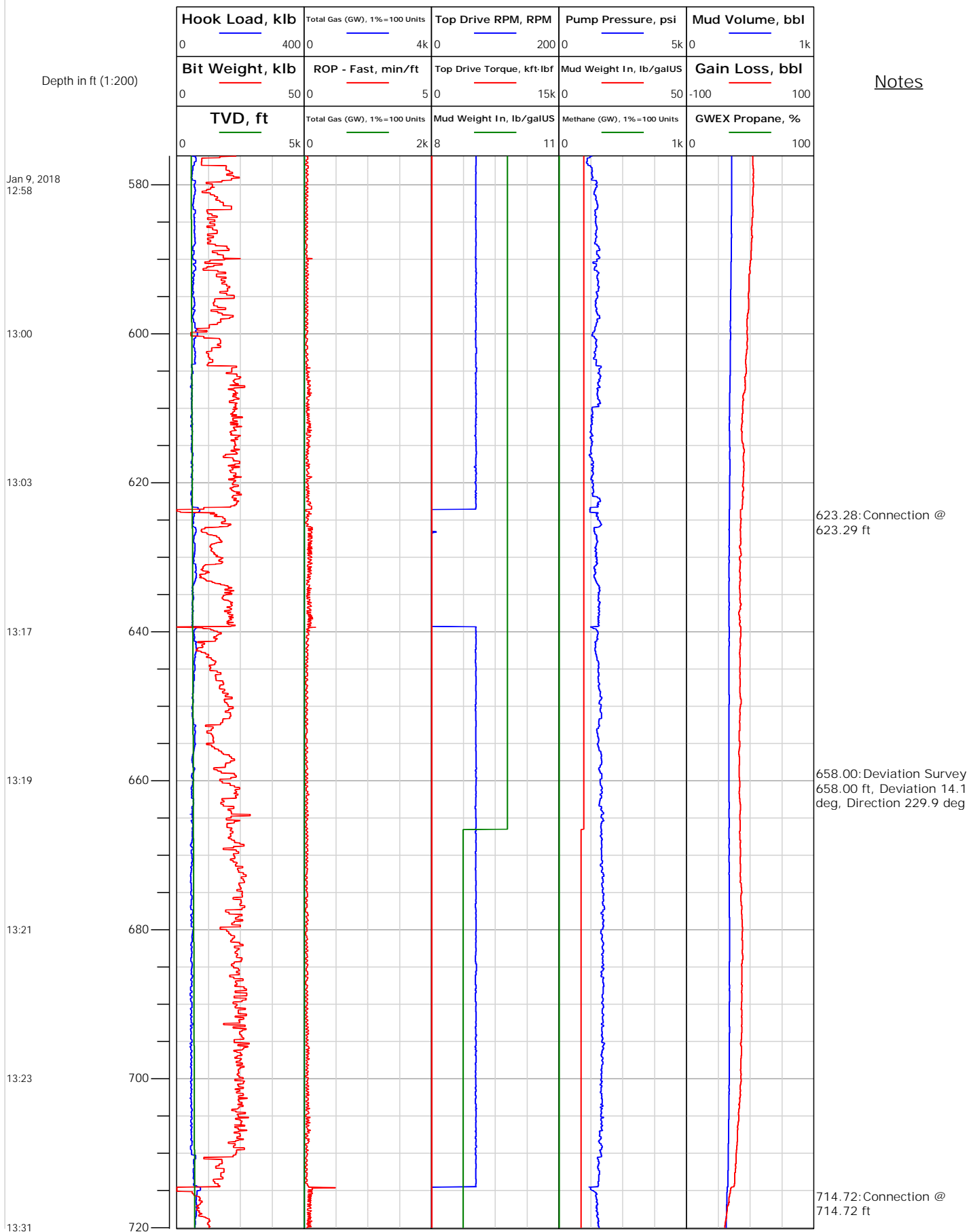
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

Notes





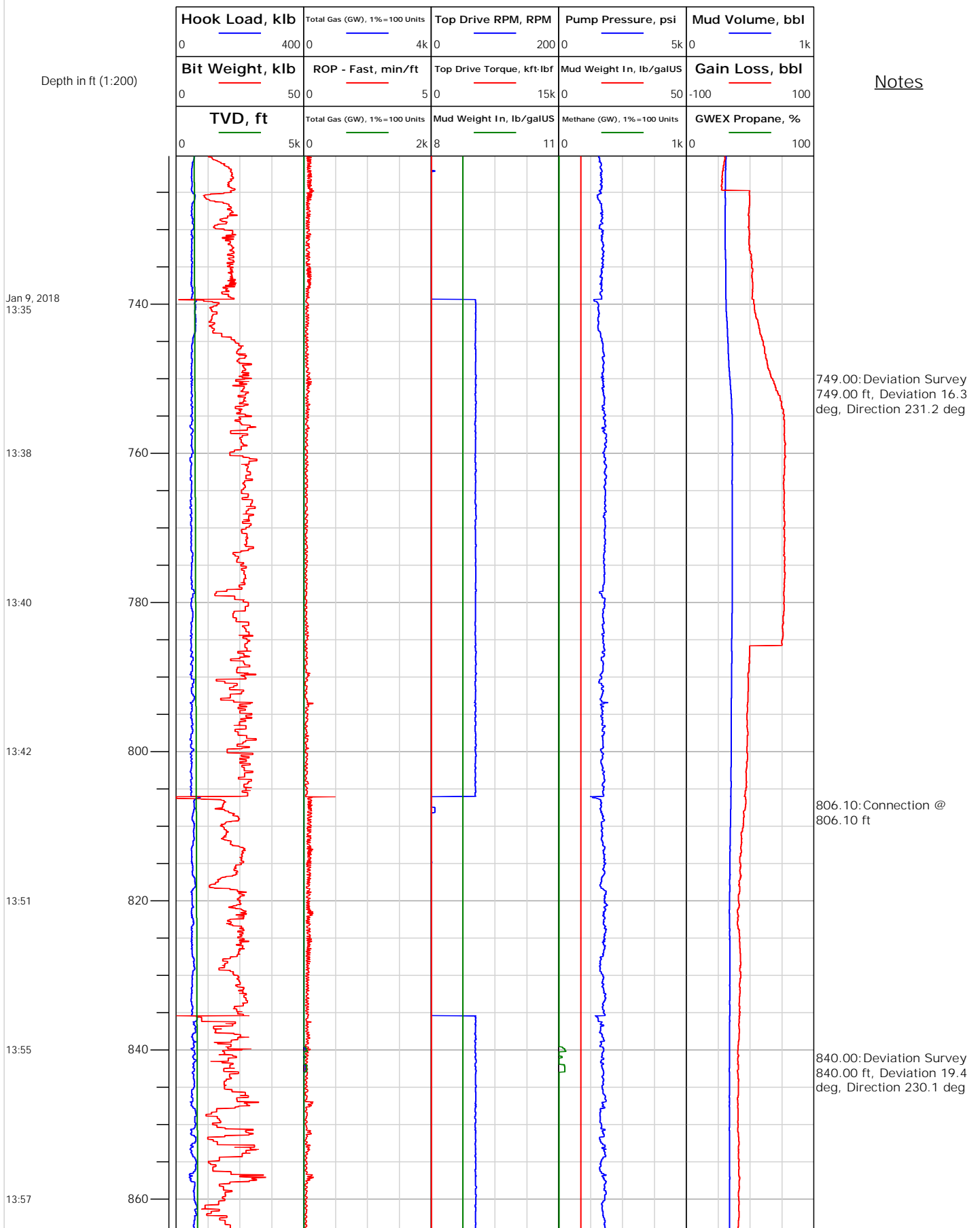
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

Notes

Jan 9, 2018
13:59

14:10

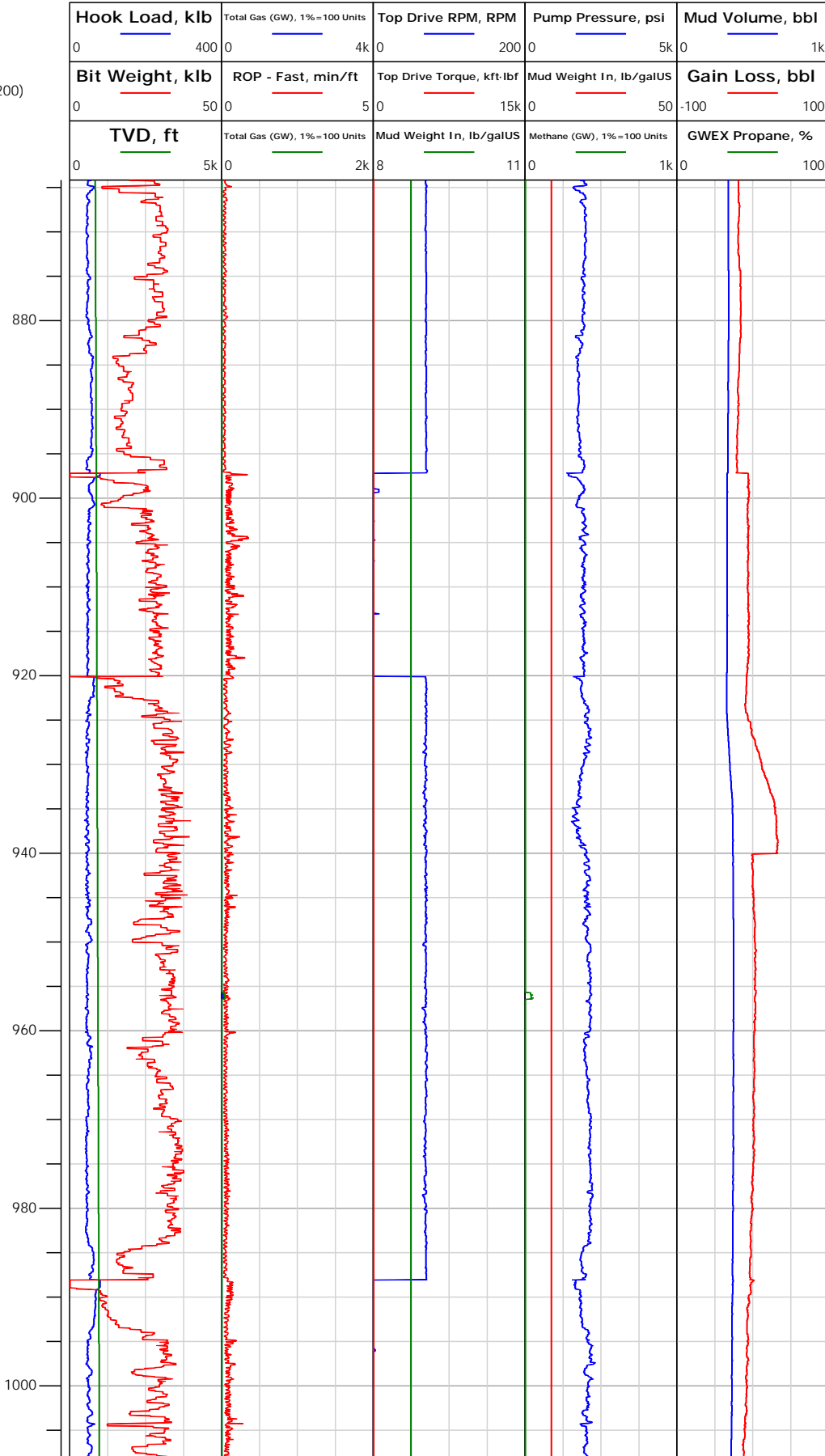
14:16

14:20

14:23

14:26

14:35



897.22: Connection @
897.22 ft

931.00: Deviation Survey
931.00 ft, Deviation 21.3
deg, Direction 221.1 deg

988.18: Connection @
988.18 ft



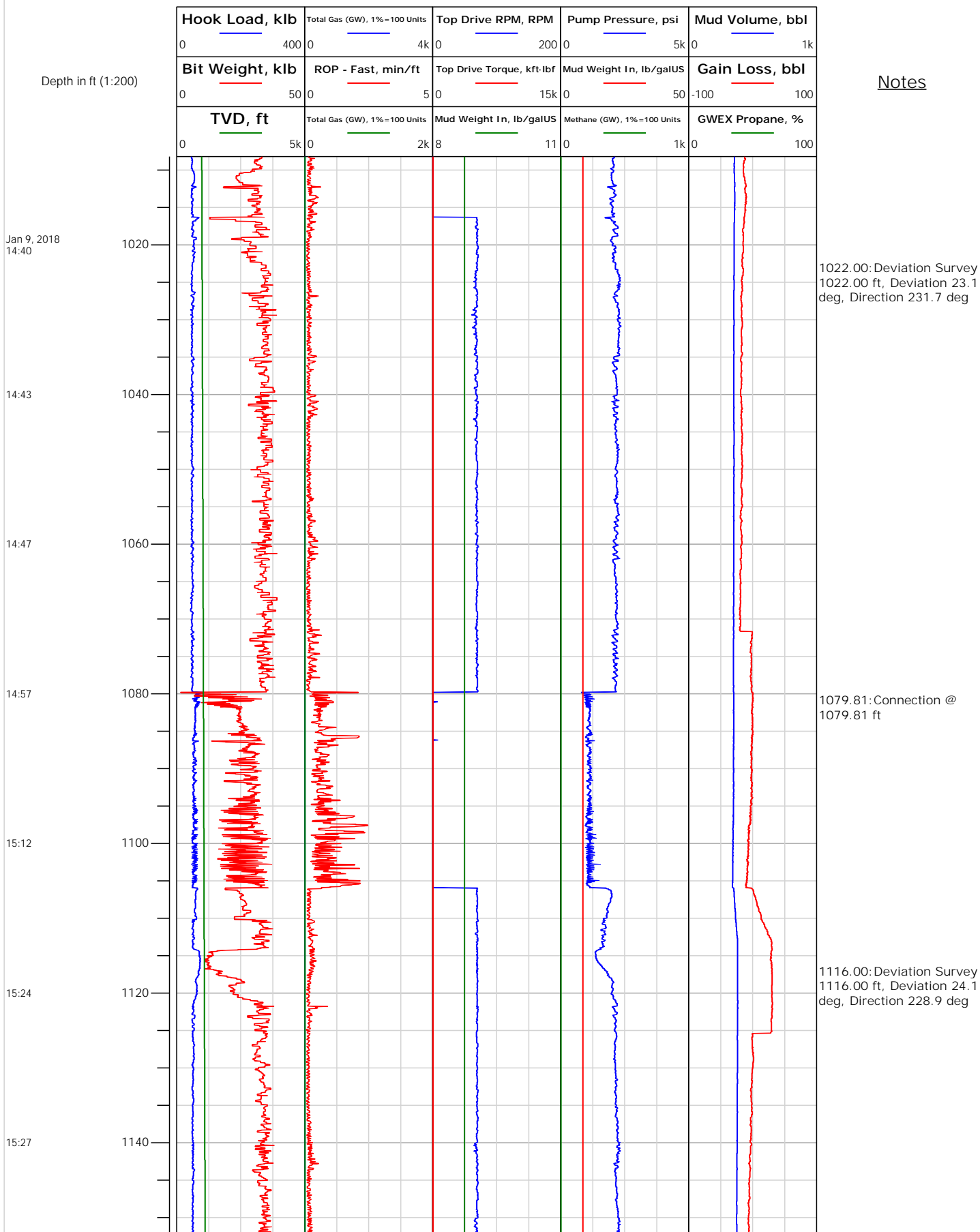
Electronic Drilling Recorder

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Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

Notes





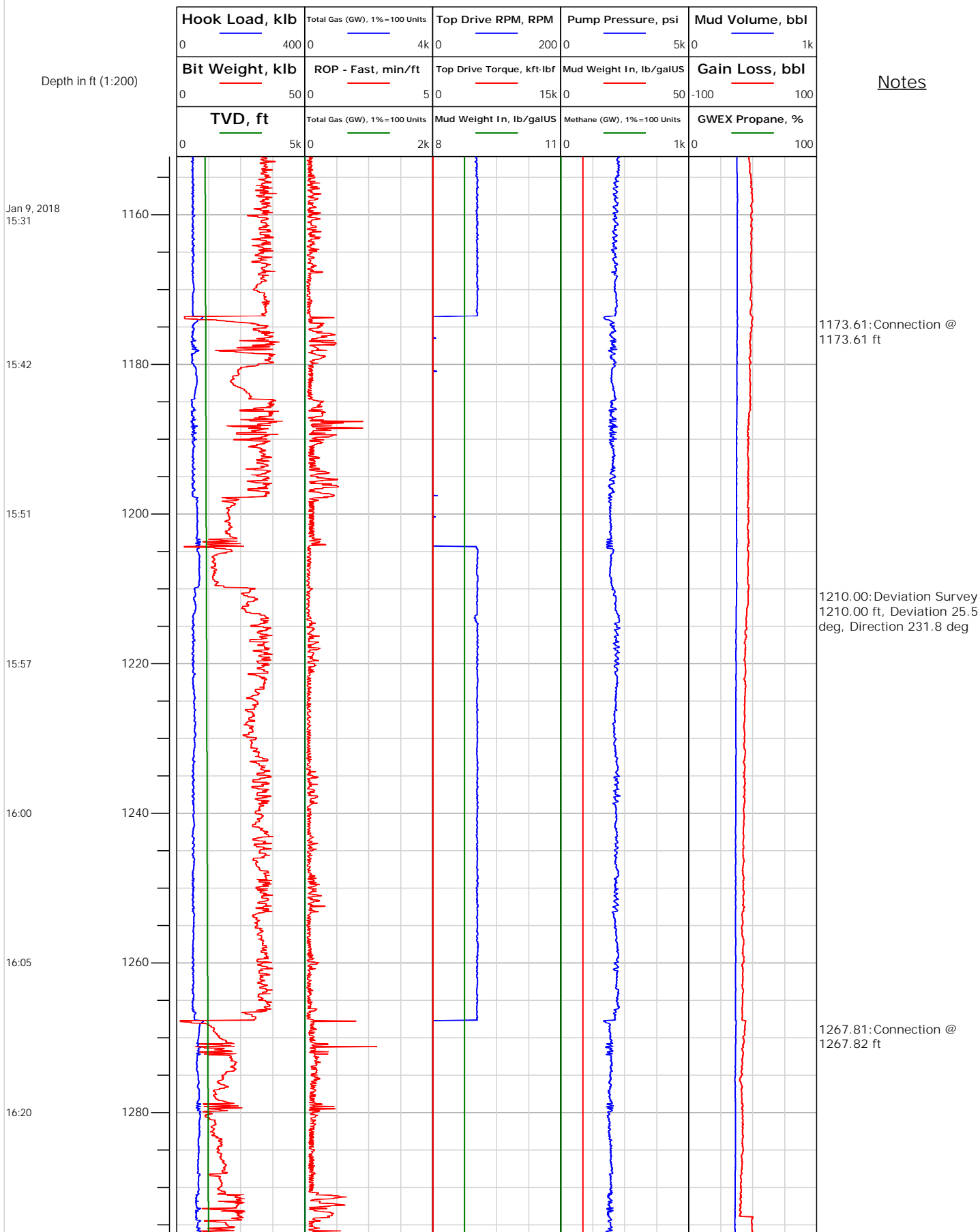
Electronic Drilling Recorder

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Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

Notes



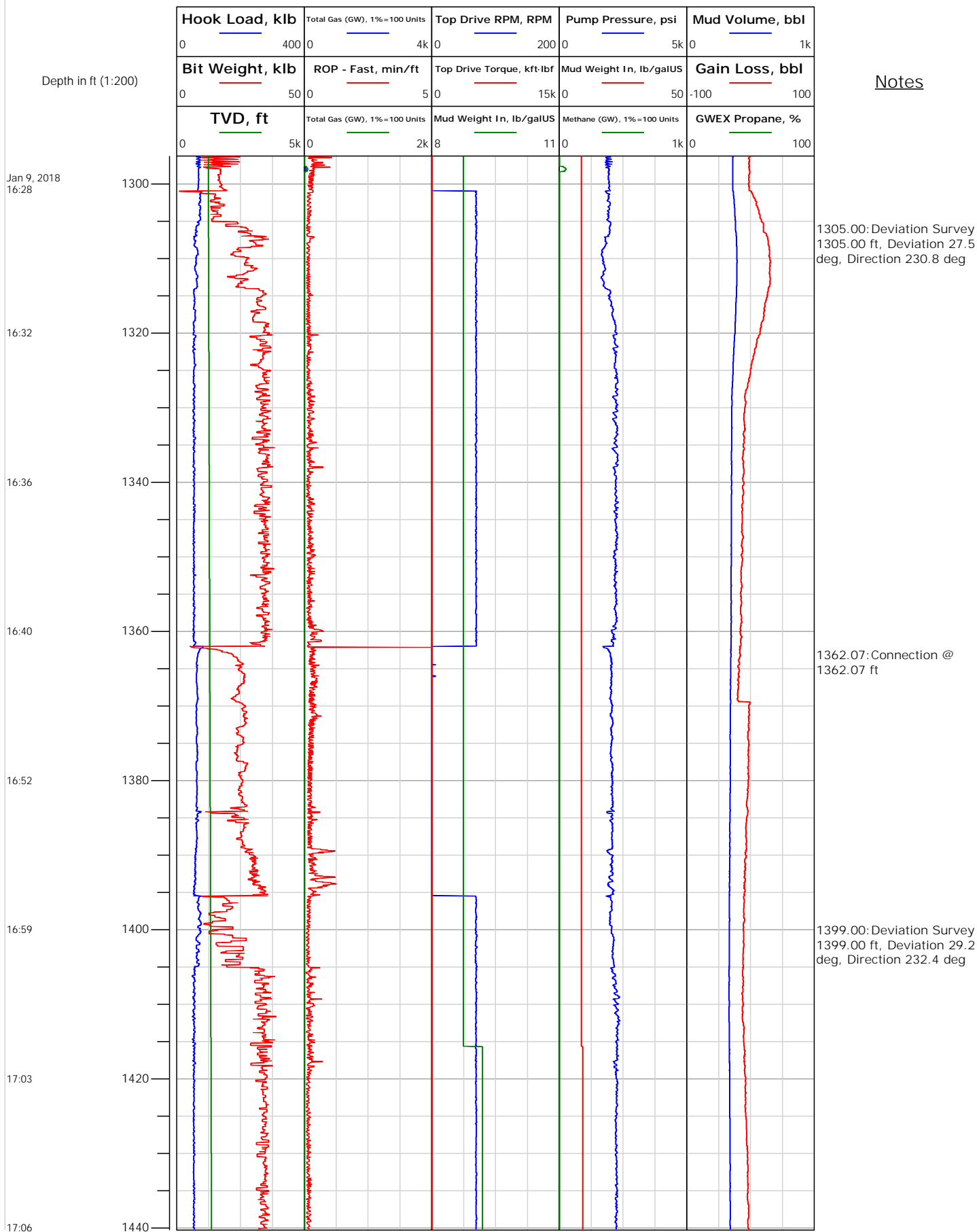


Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:





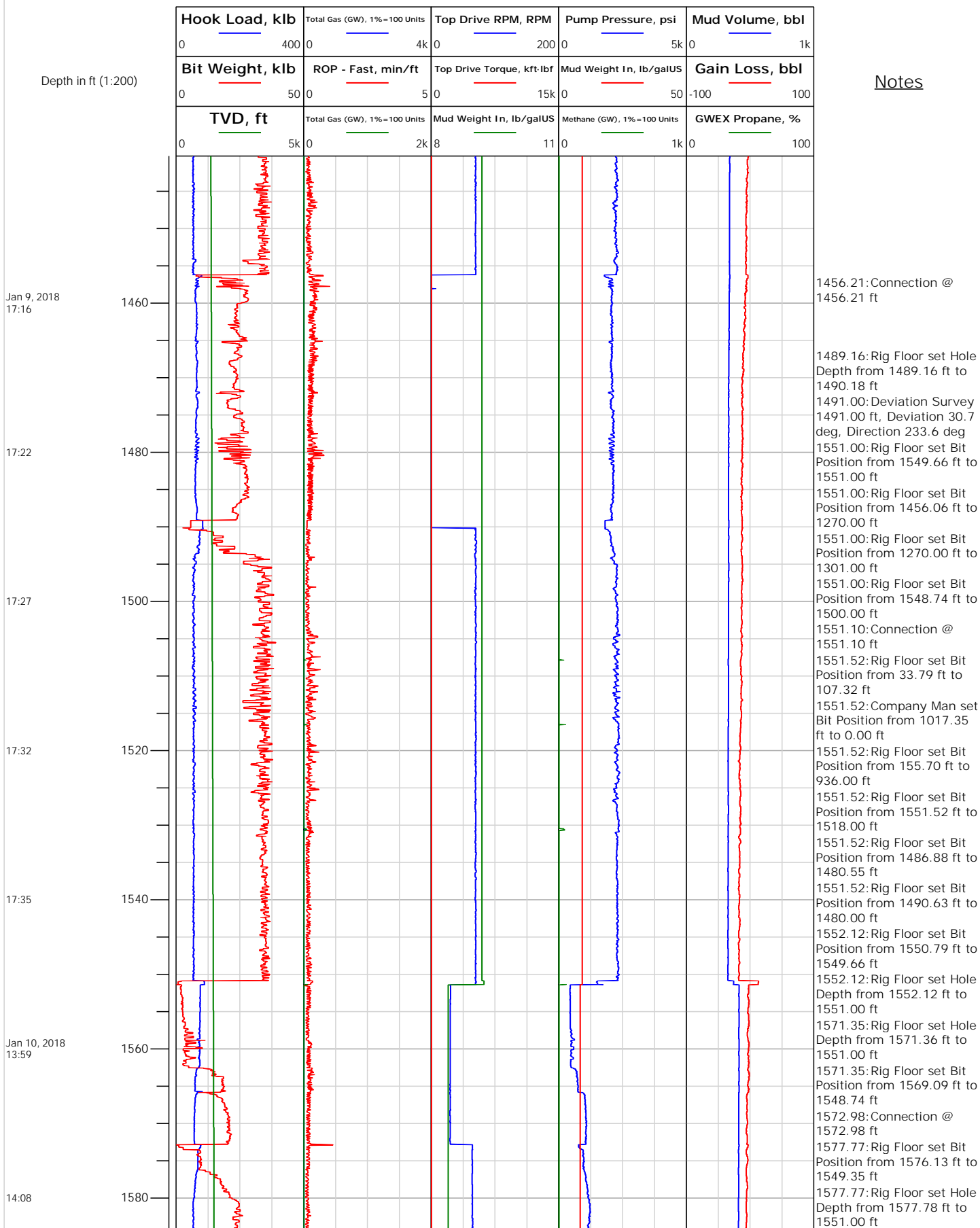
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

Notes





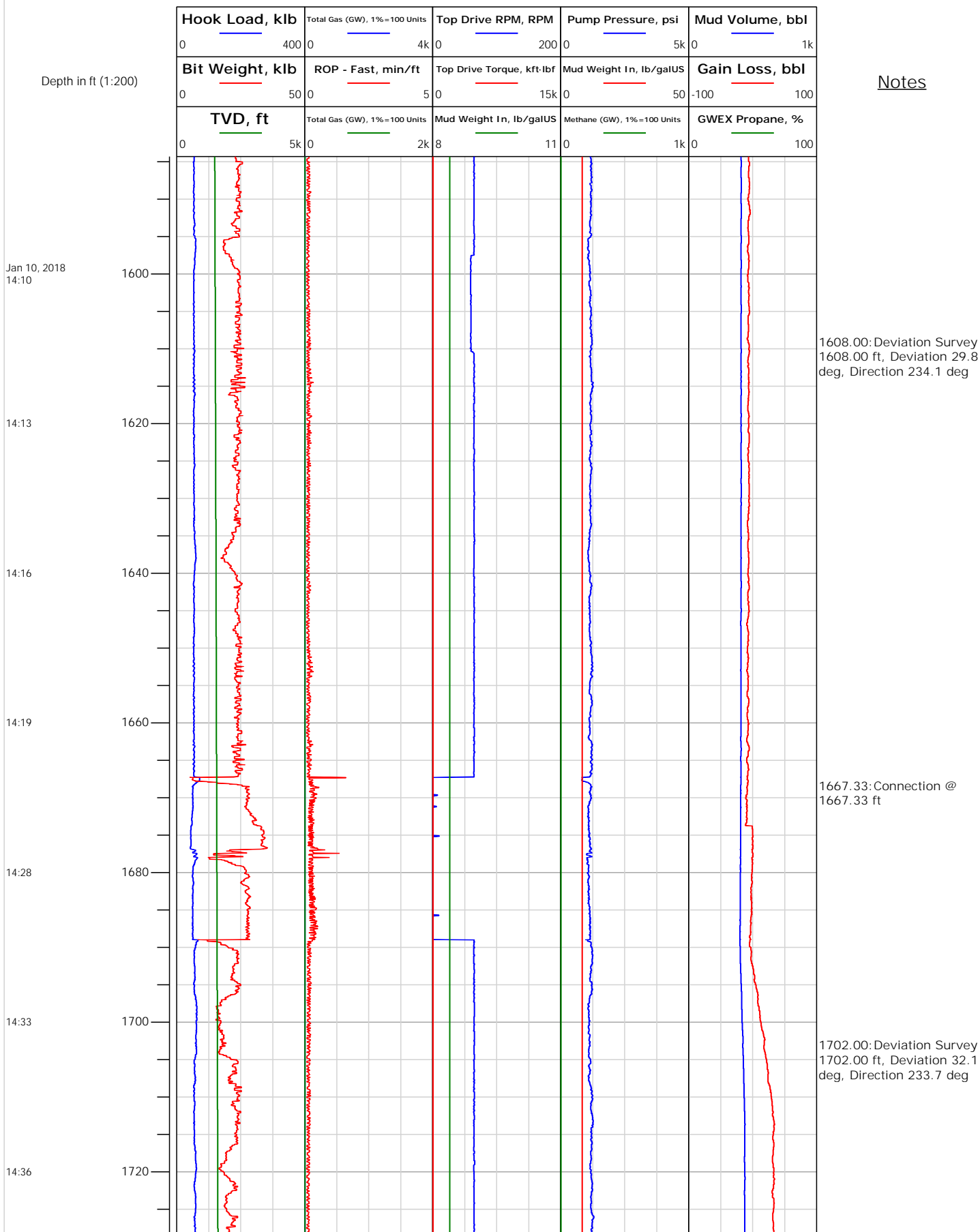
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Rig: 522

Location:

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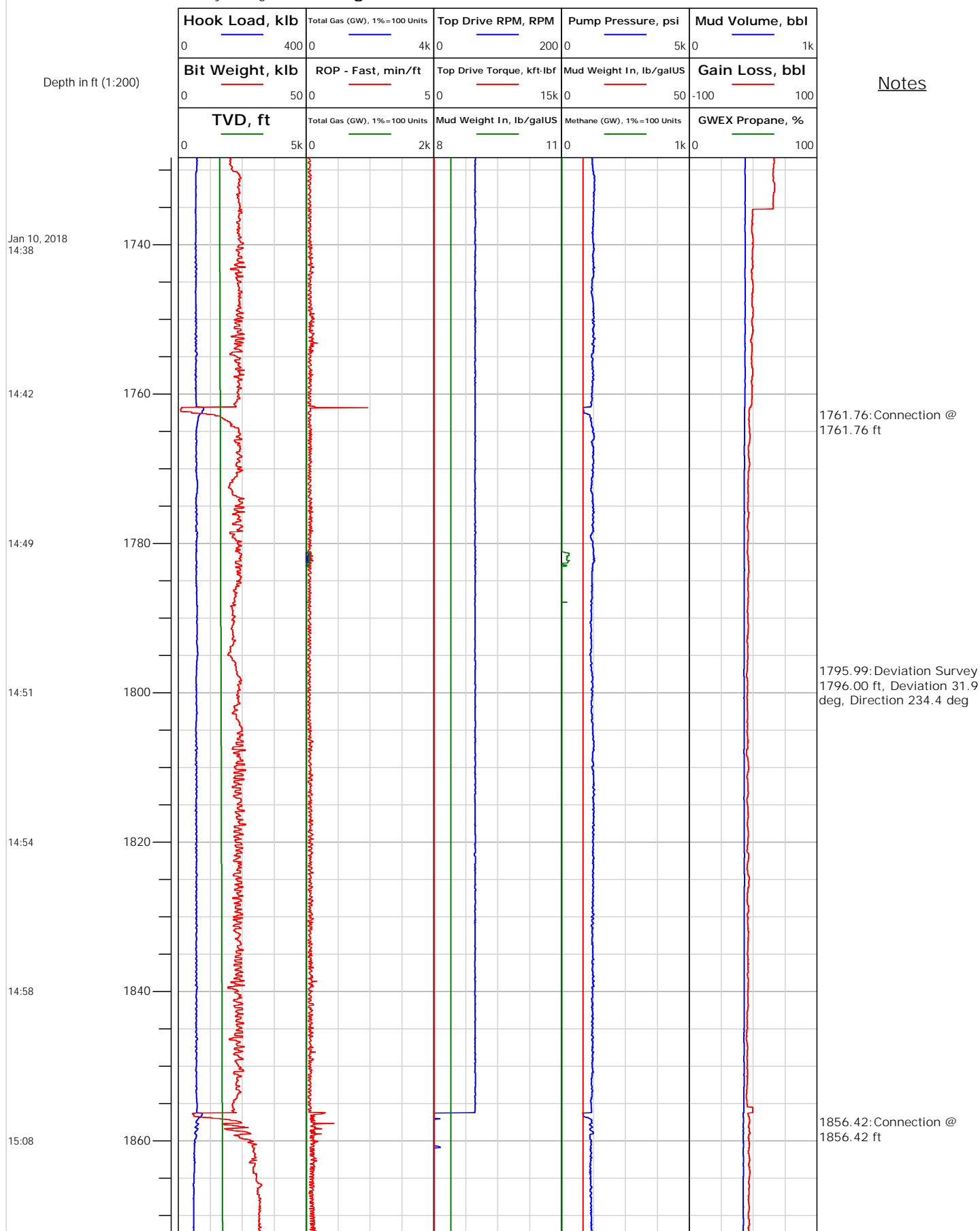
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Rig: 522

Location:

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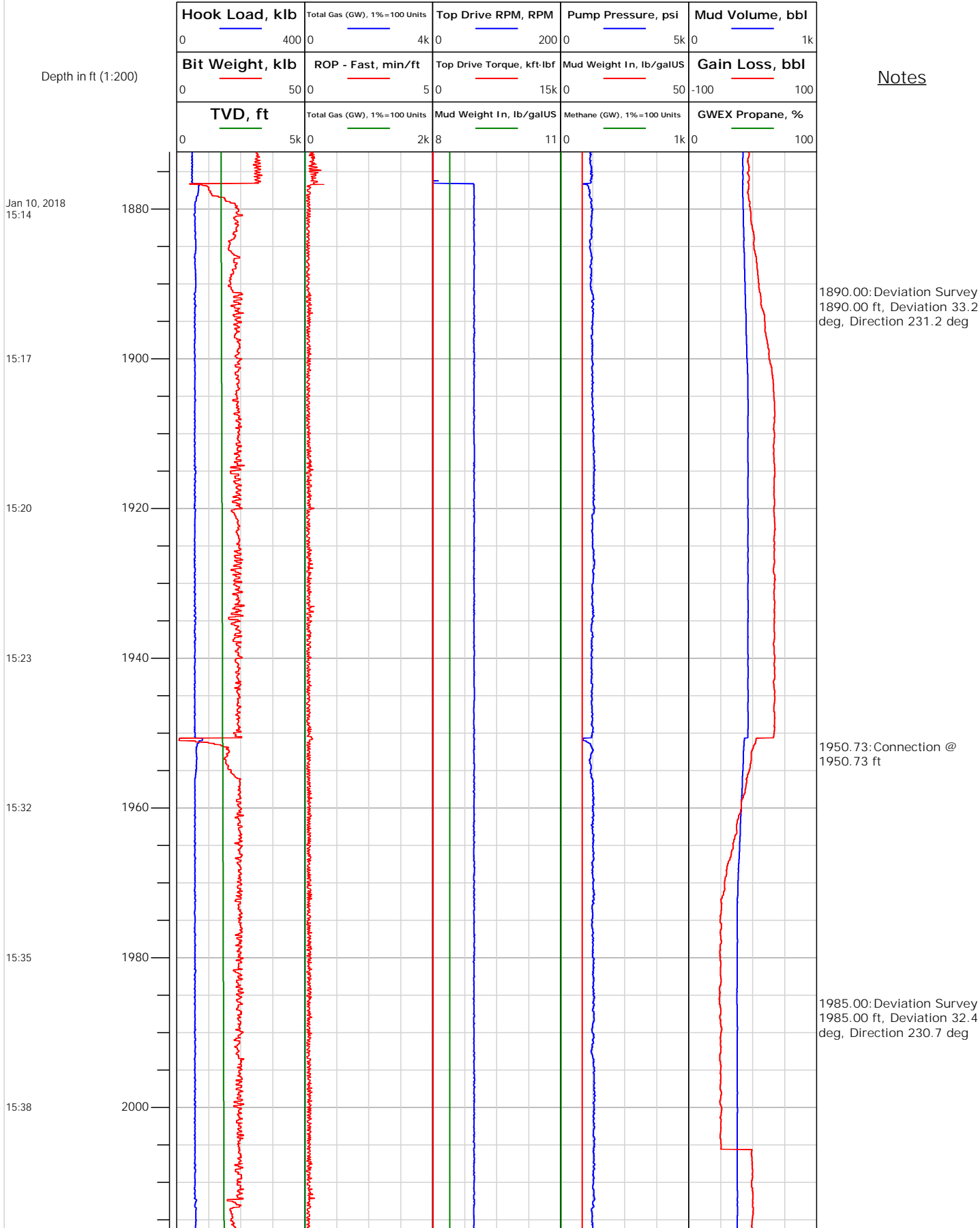
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Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

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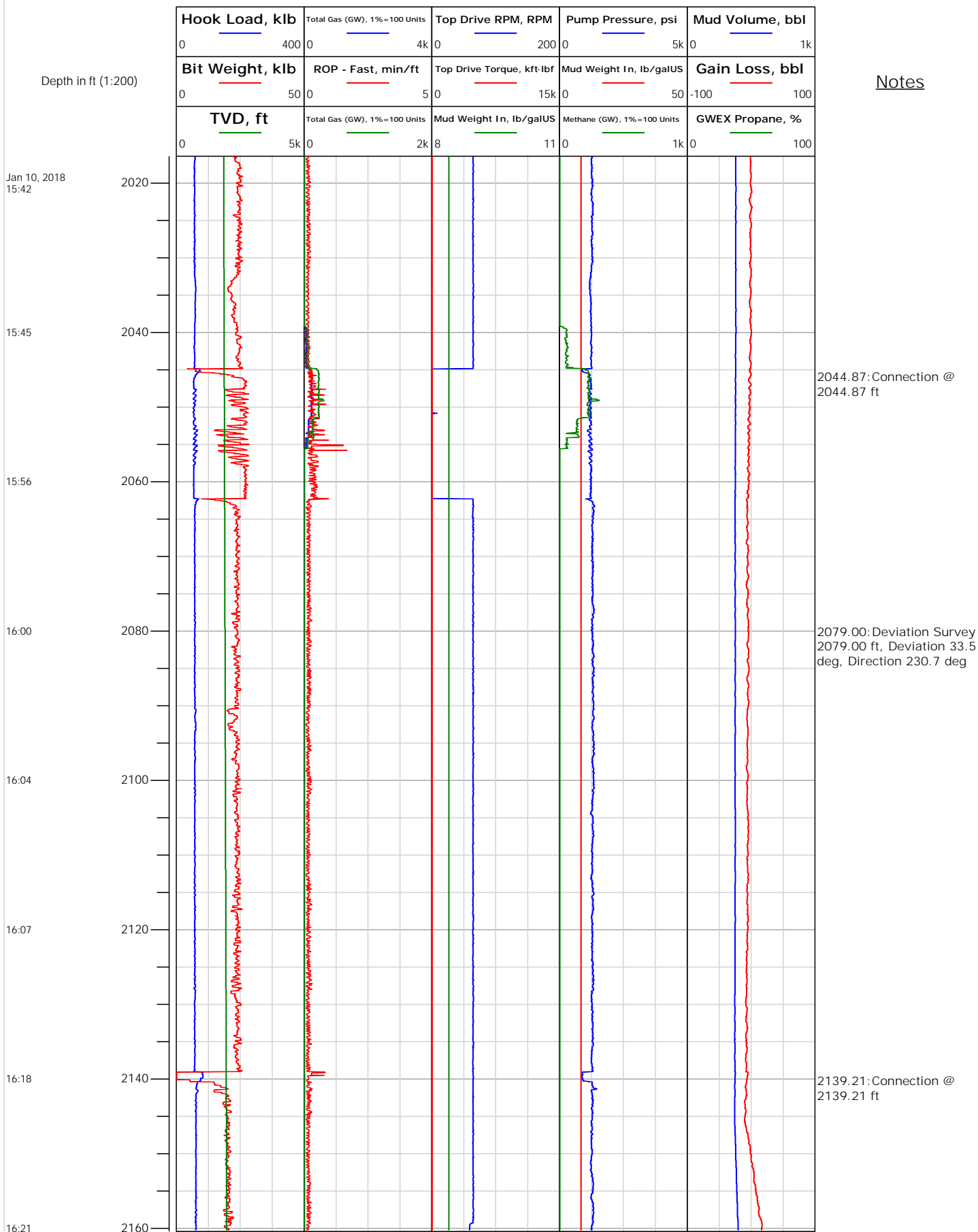
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Location:

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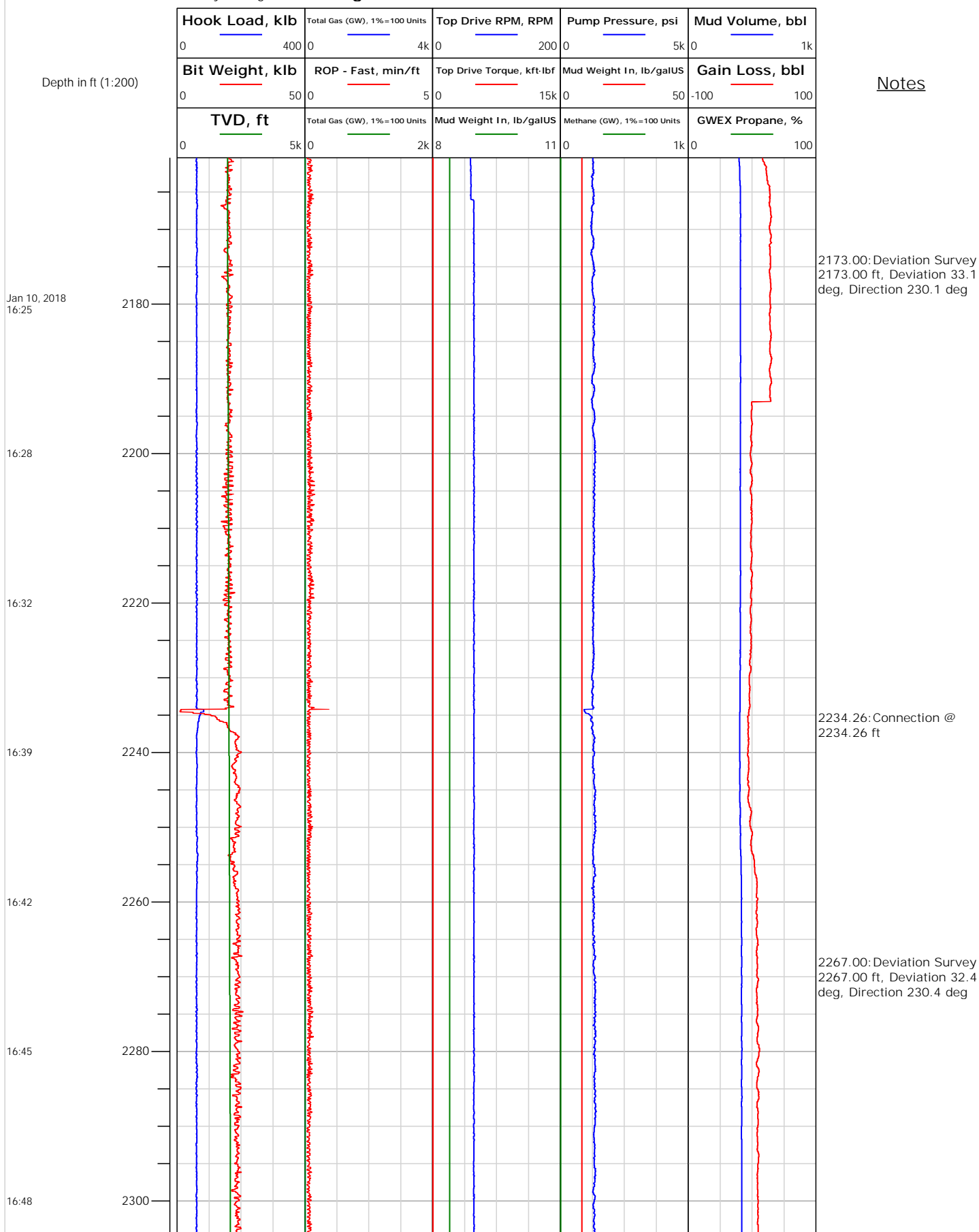
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Rig: 522

Location:

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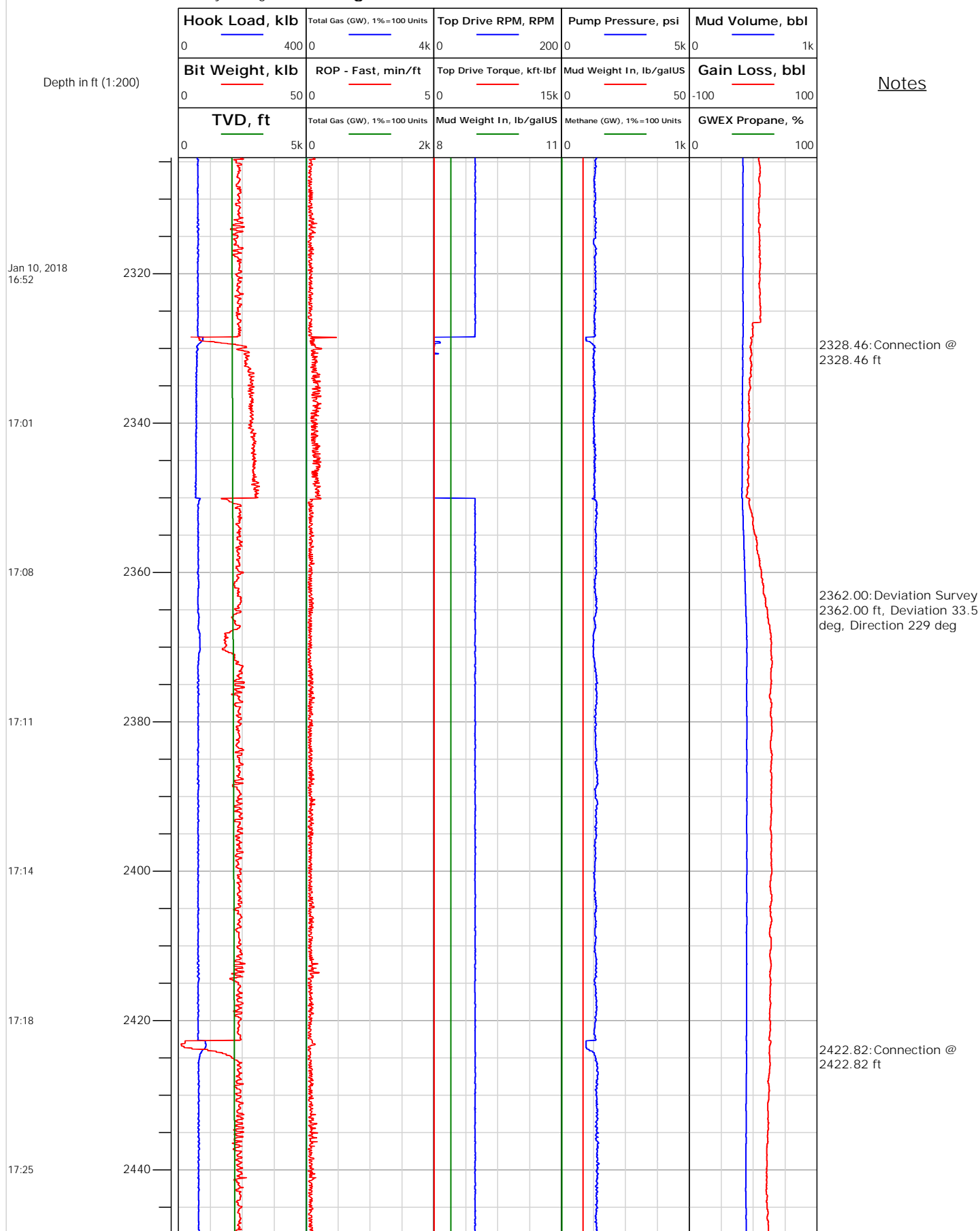
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Rig: 522

Location:

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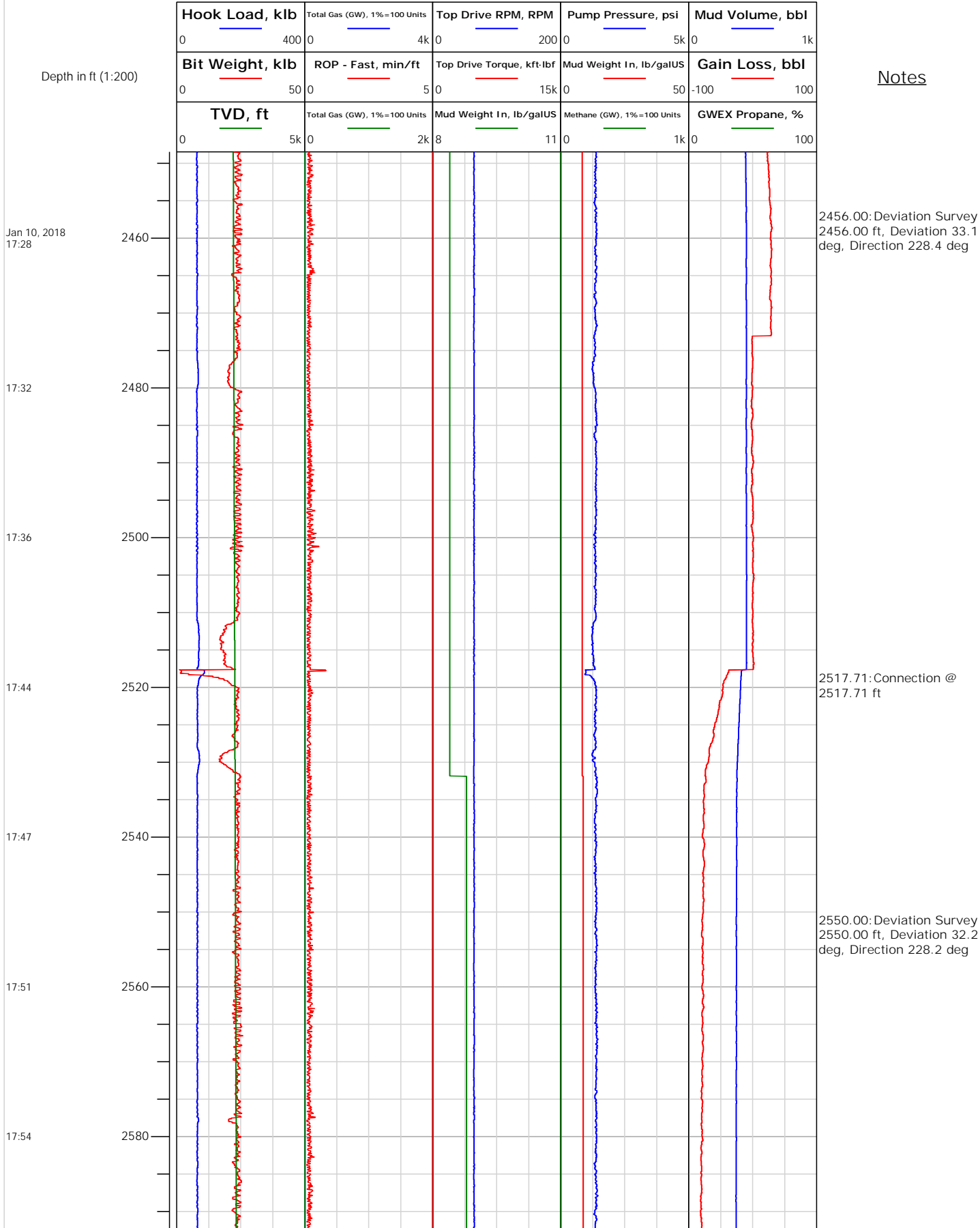
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Rig: 522

Location:

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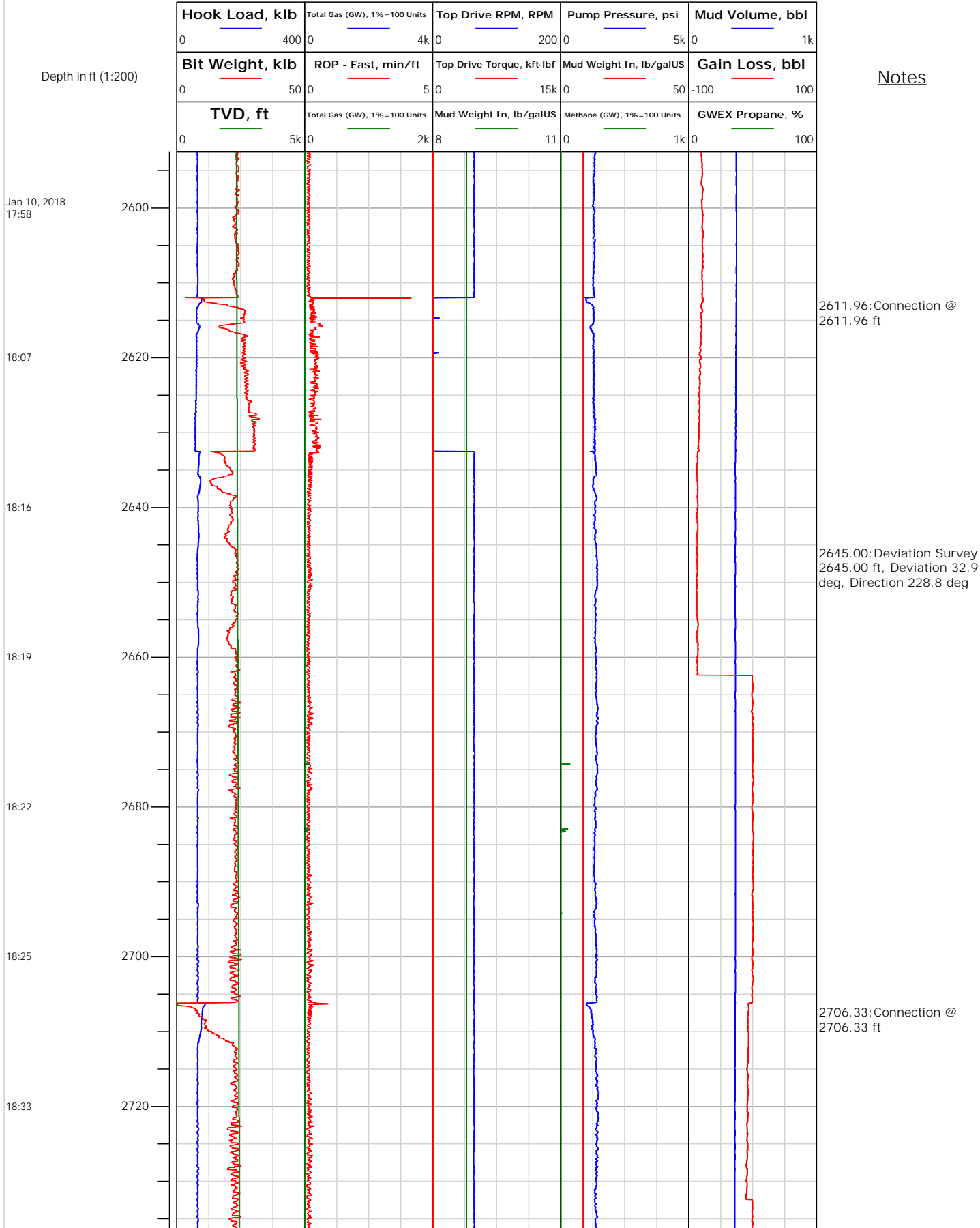
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Rig: 522

Location:

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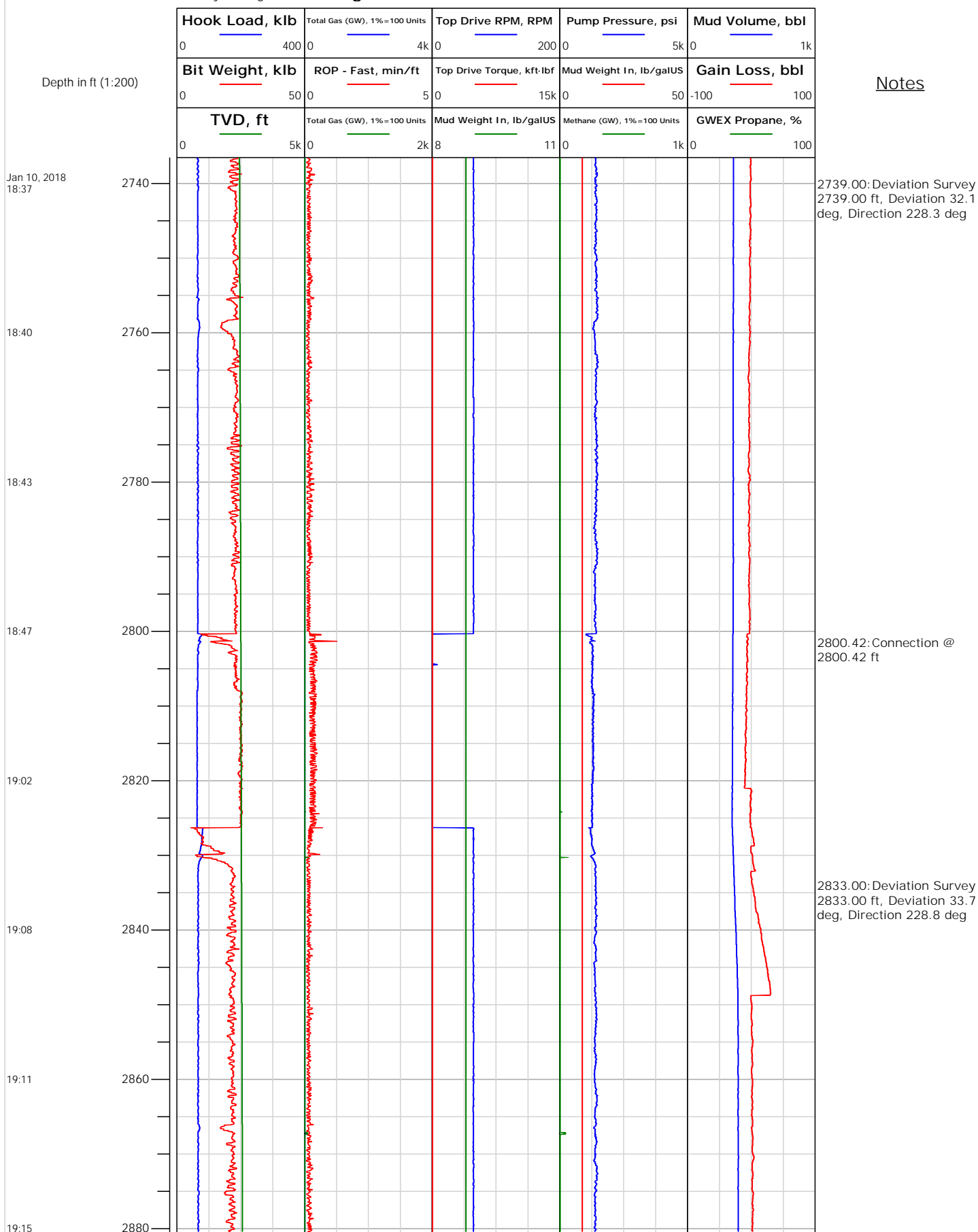
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Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

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Electronic Drilling Recorder

Operator: Laramie Energy
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Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

Notes

Depth in ft (1:200)

Jan 10, 2018
19:26

19:29

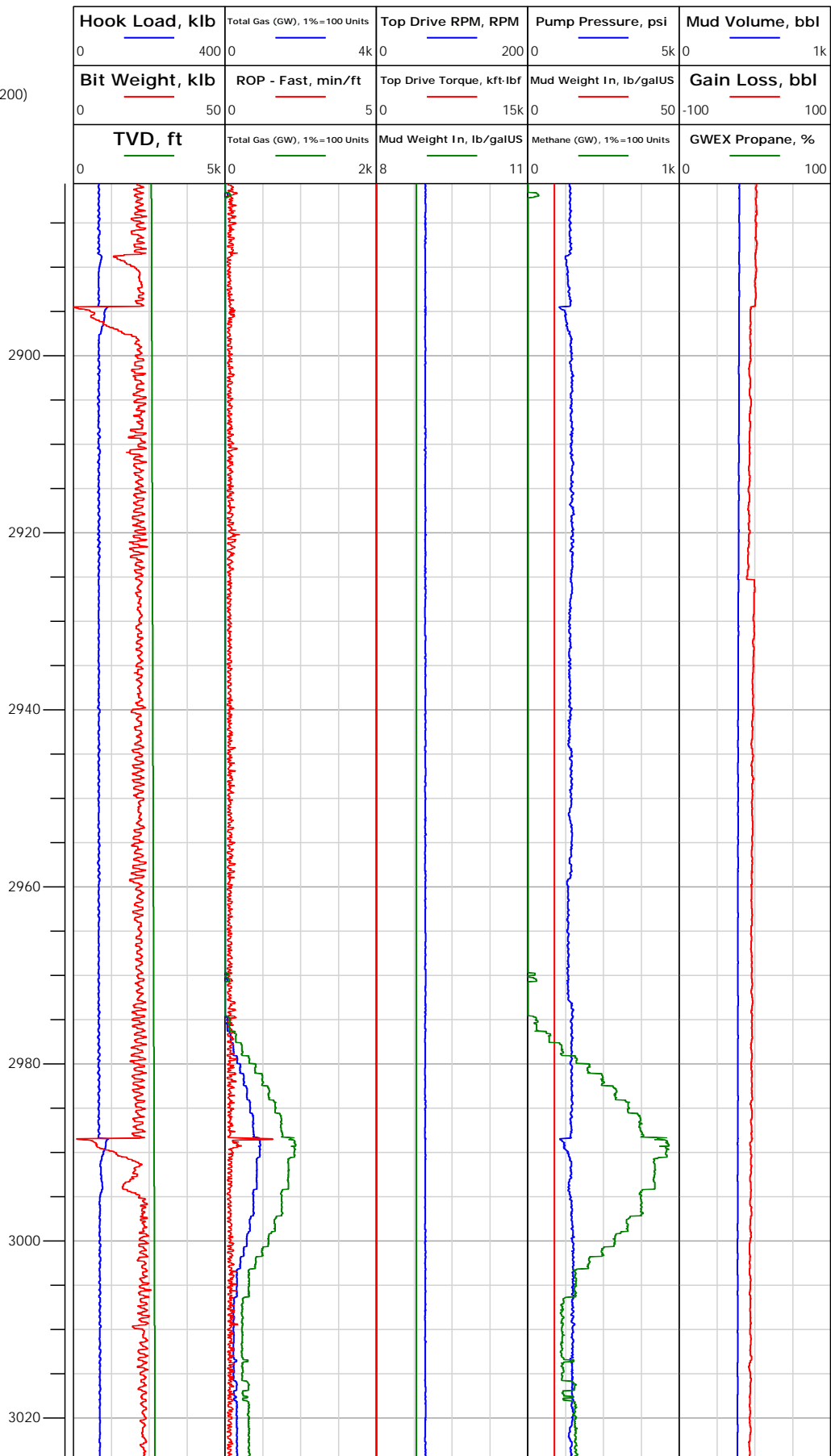
19:32

19:36

19:39

19:48

19:51



2894.40: Connection @
2894.40 ft

2927.00: Deviation Survey
2927.00 ft, Deviation 32.7
deg, Direction 228.1 deg

2988.50: Connection @
2988.50 ft

3021.00: Deviation Survey
3021.00 ft, Deviation 30.9
deg, Direction 227.3 deg



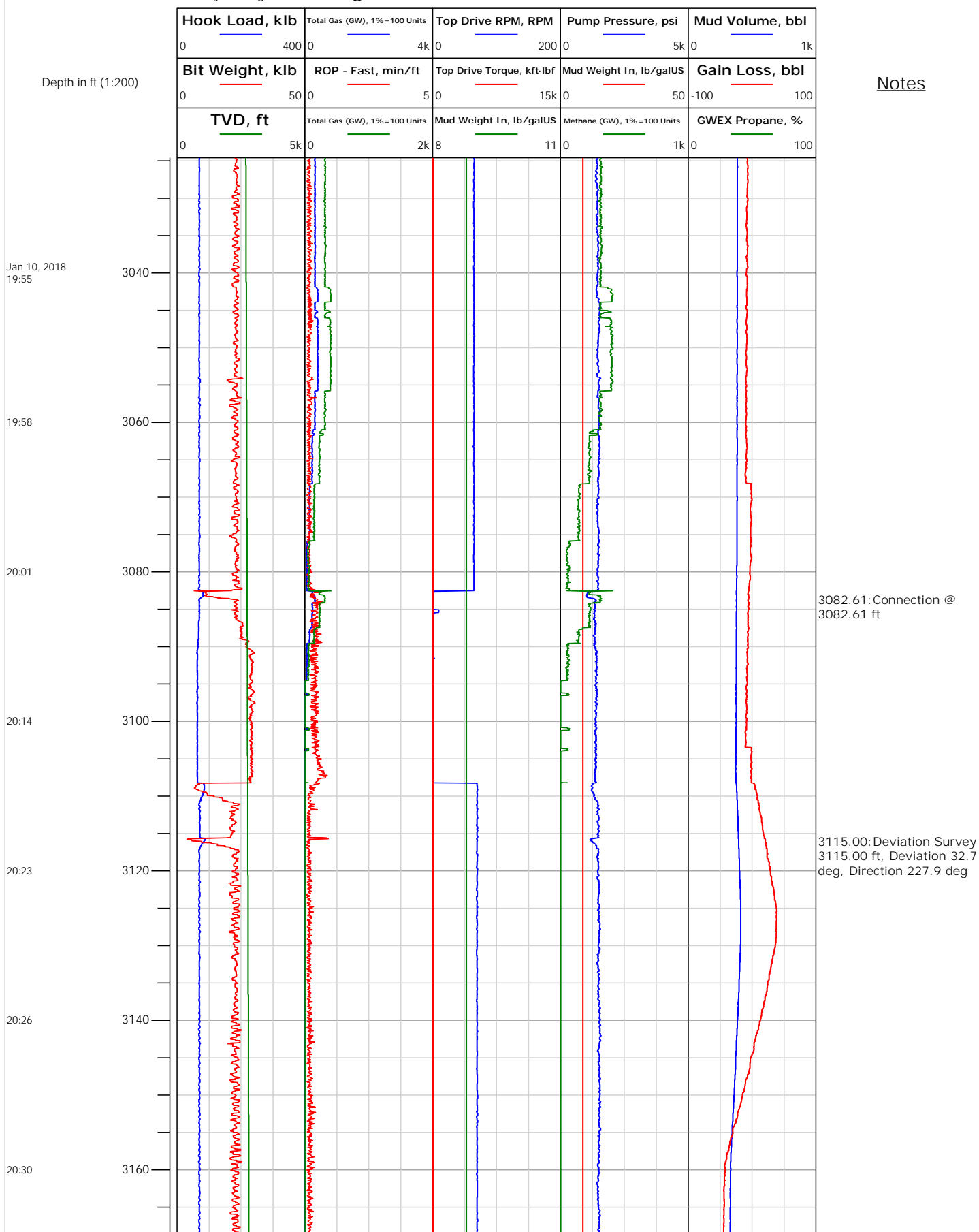
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

Notes





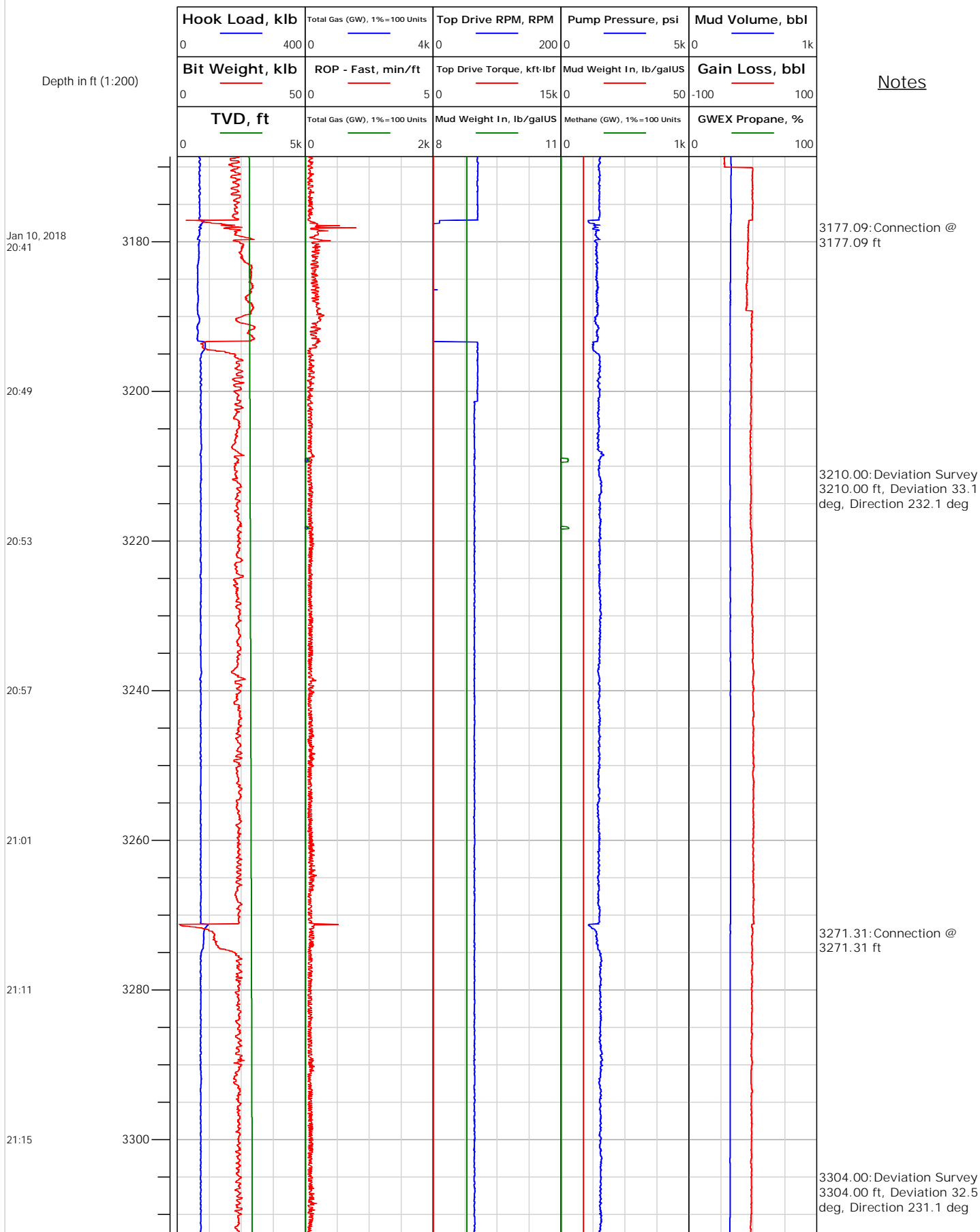
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

Notes





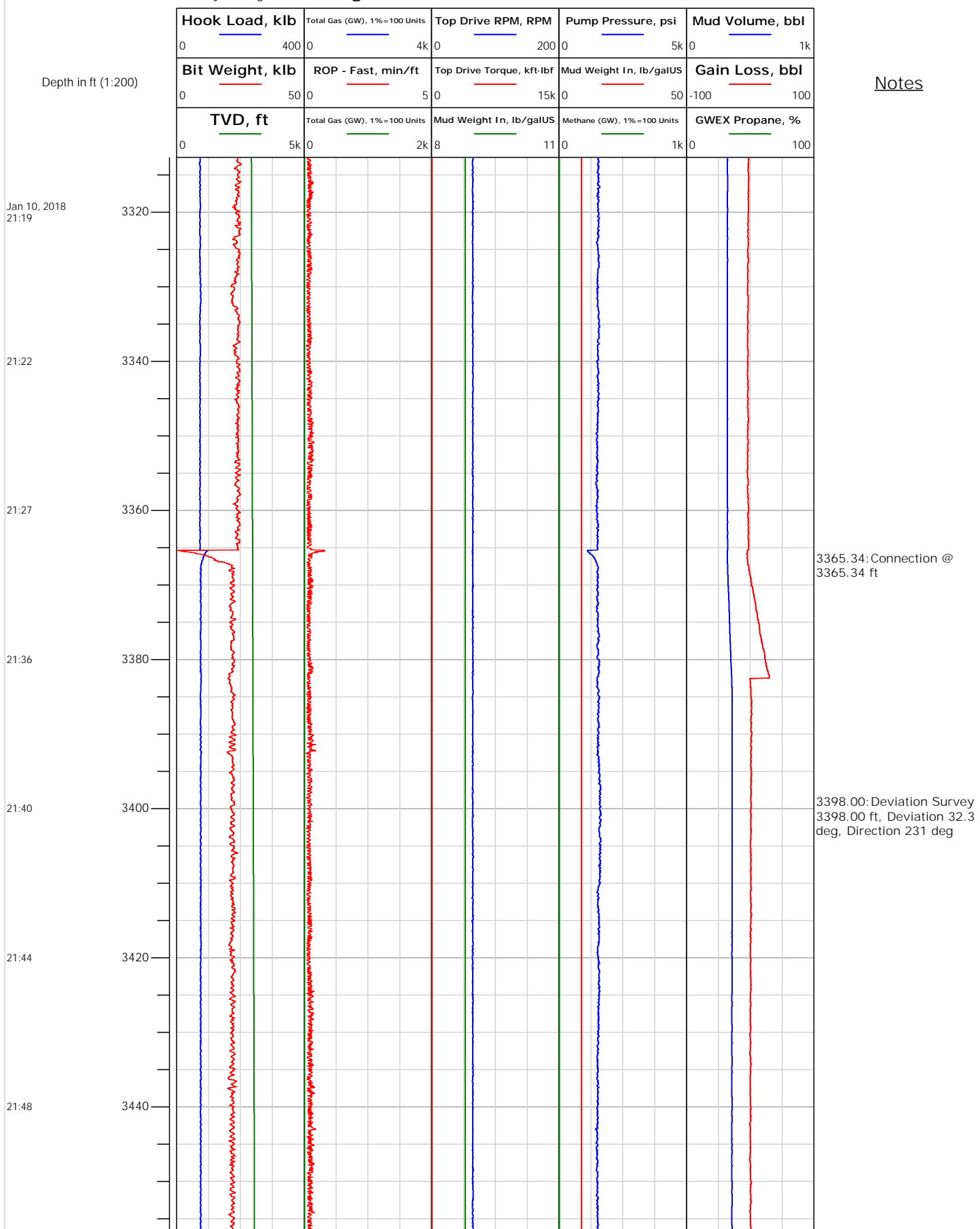
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

Notes





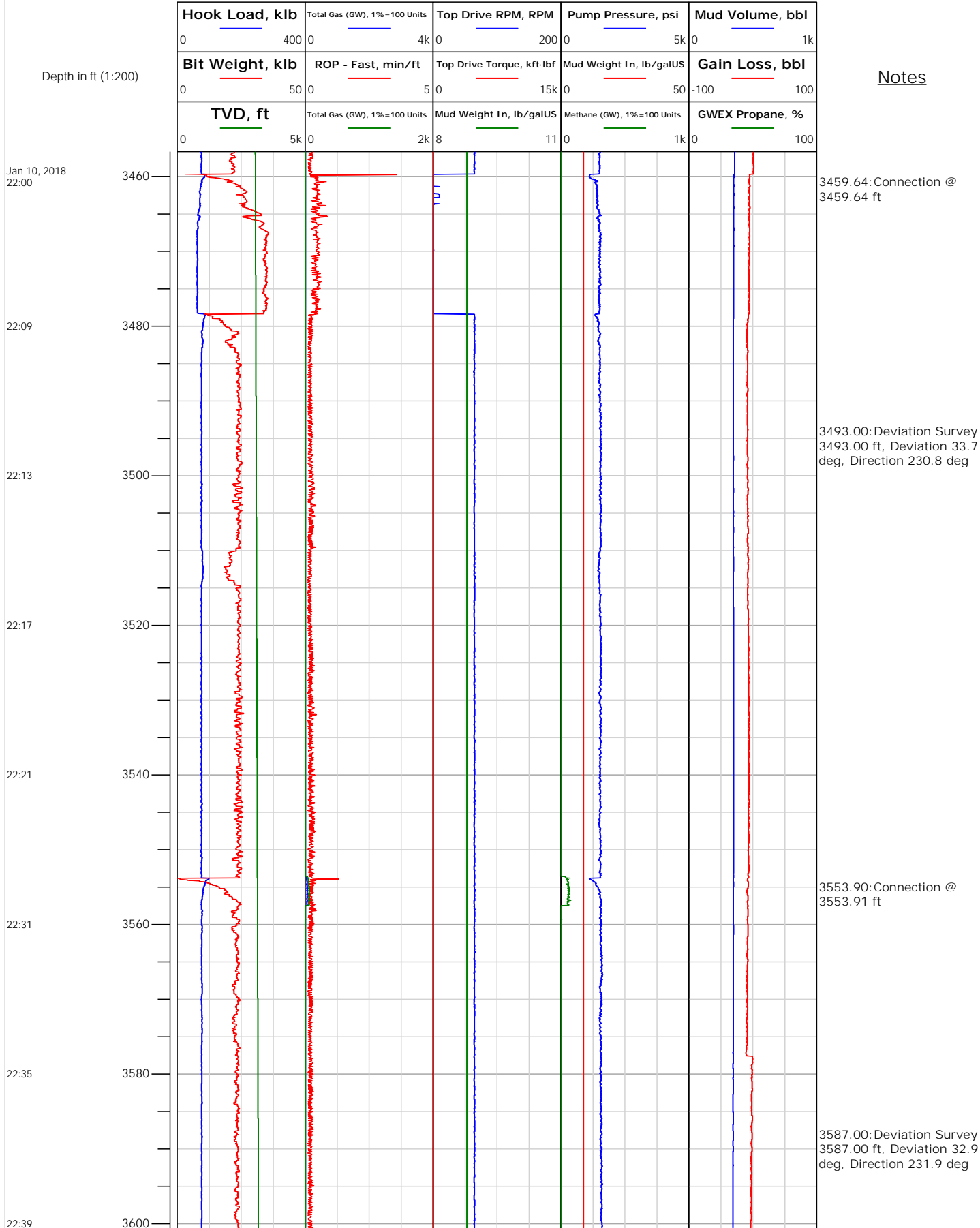
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

Notes





Electronic Drilling Recorder

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Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

Notes

Depth in ft (1:200)

Jan 10, 2018
22:42

22:46

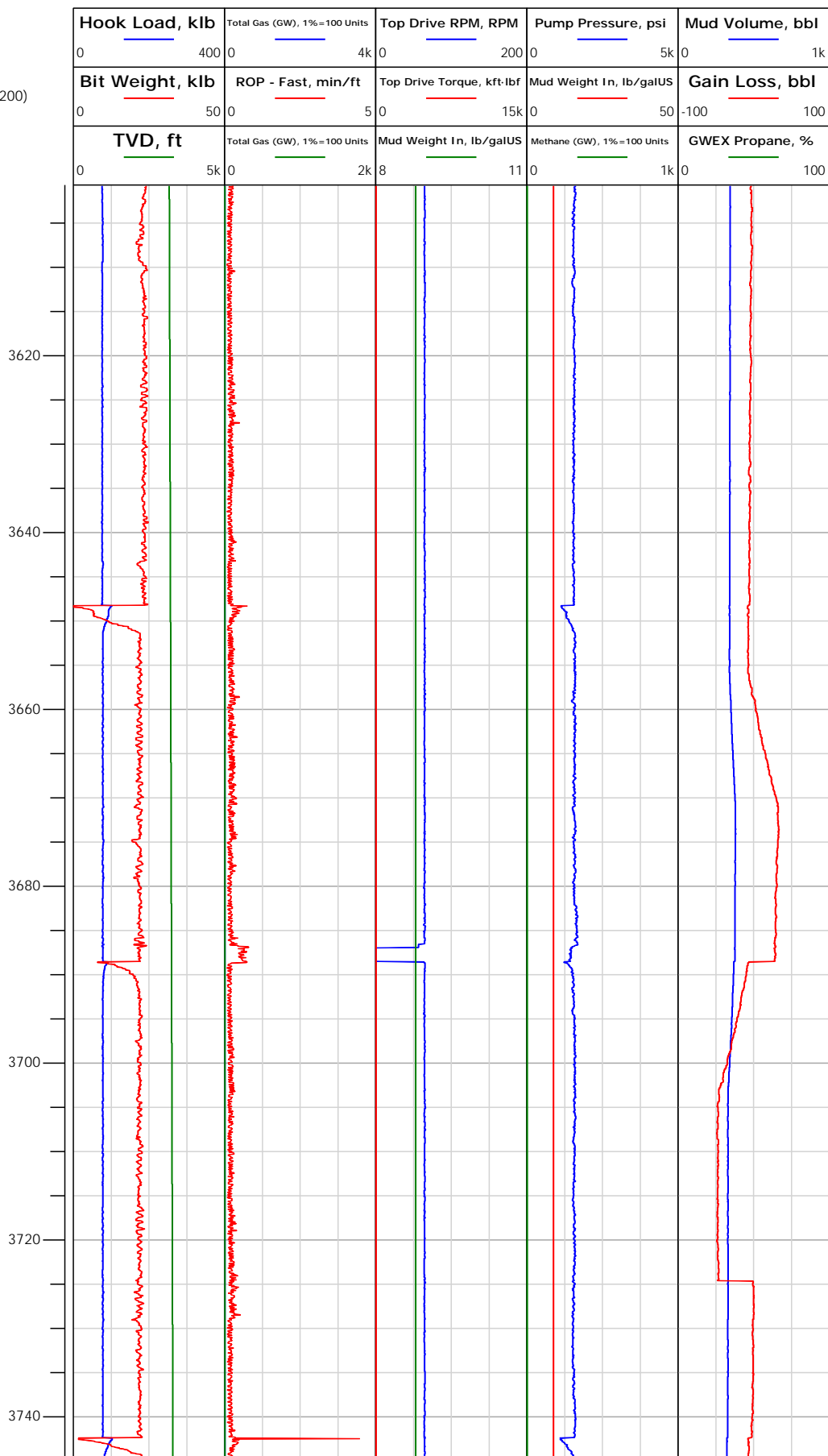
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22:59

23:08

23:12

23:16





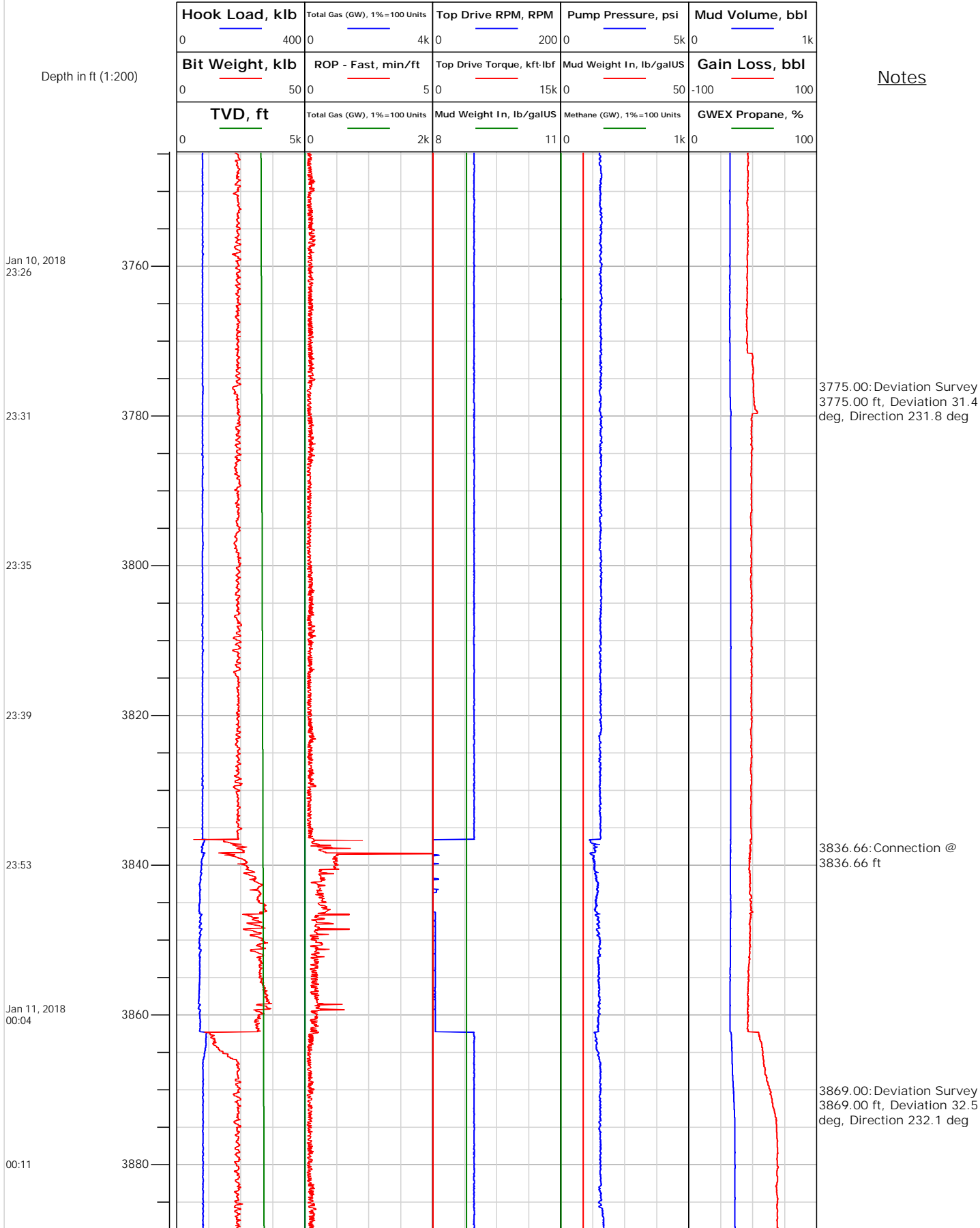
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

Notes





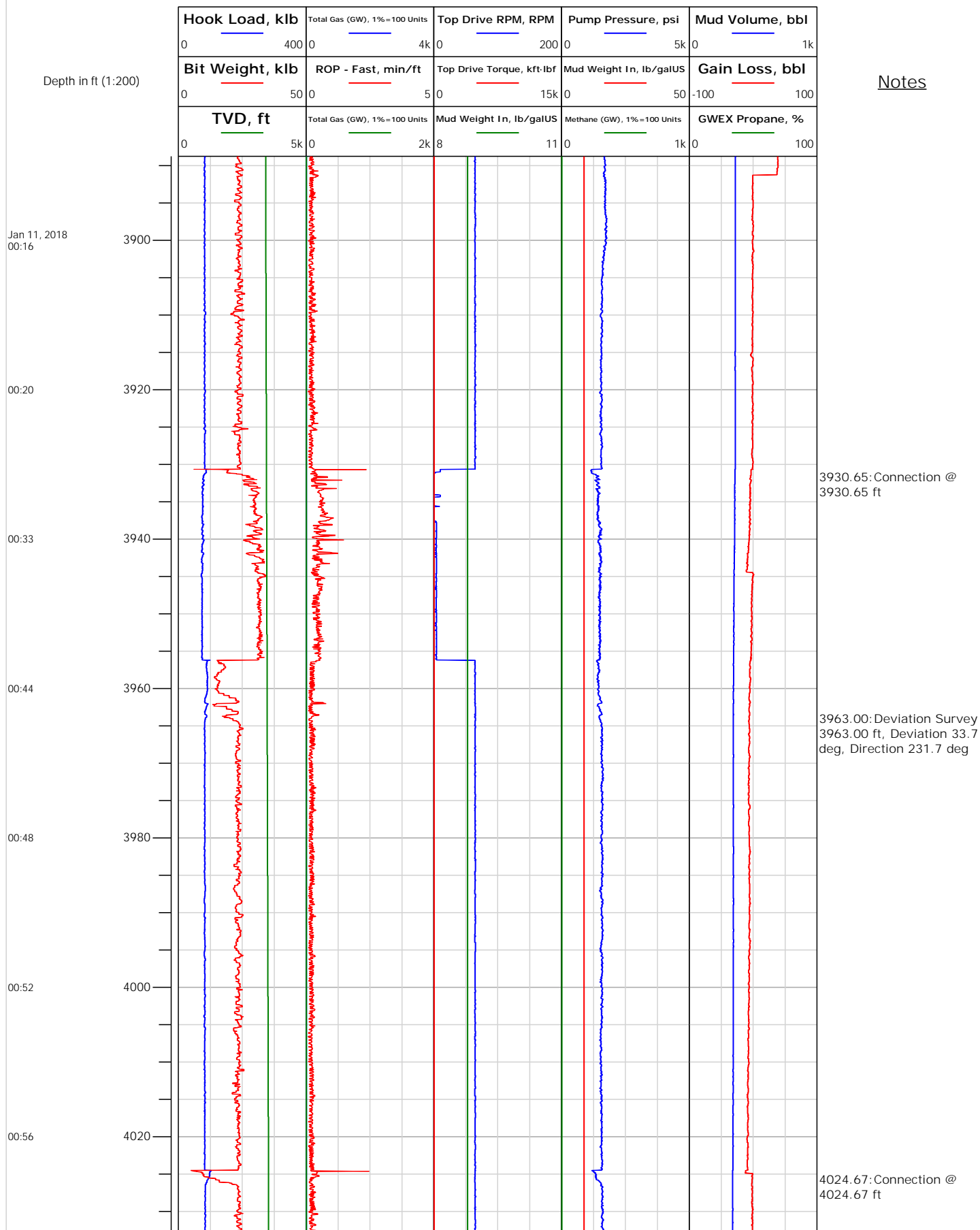
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

Notes





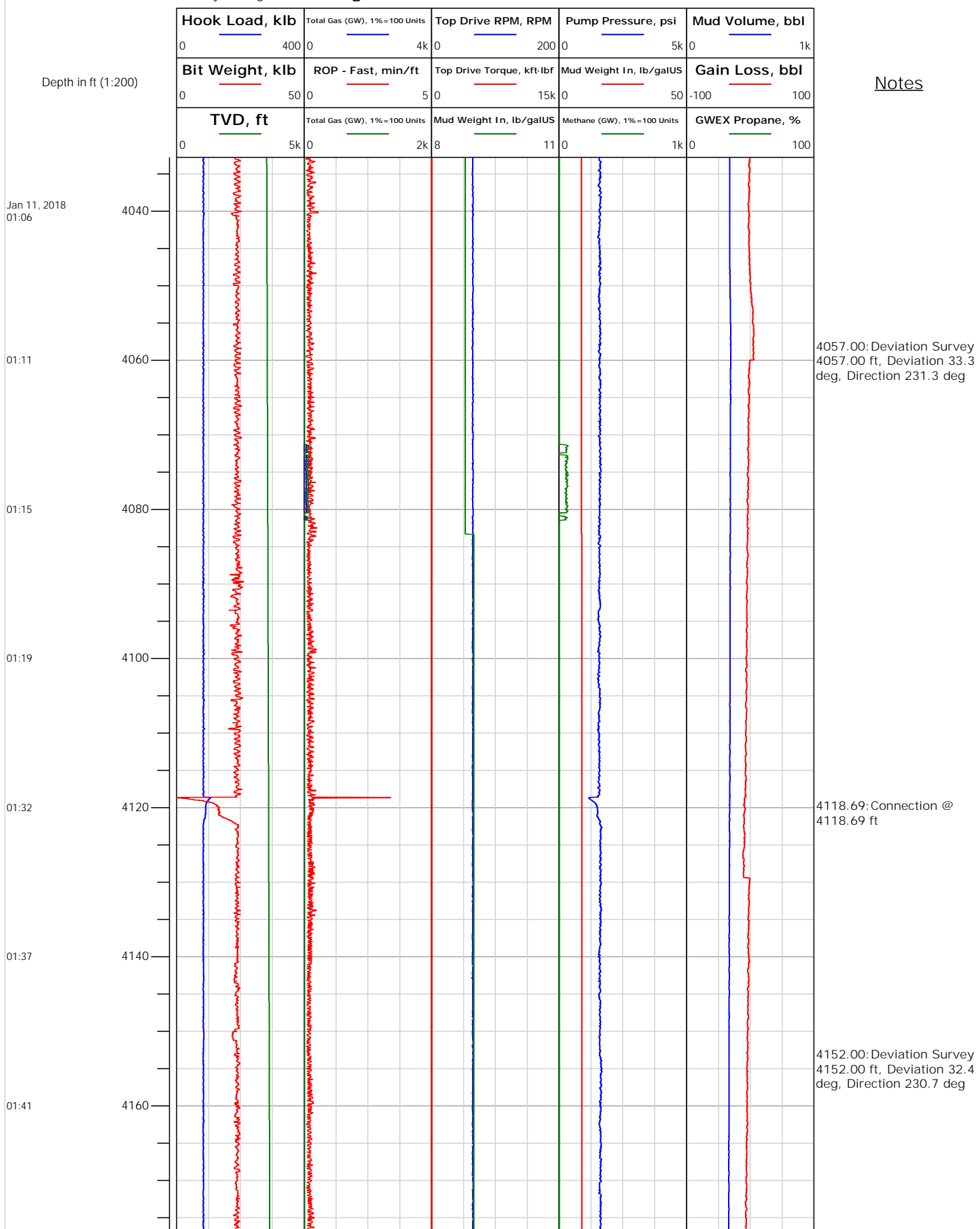
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Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

Notes





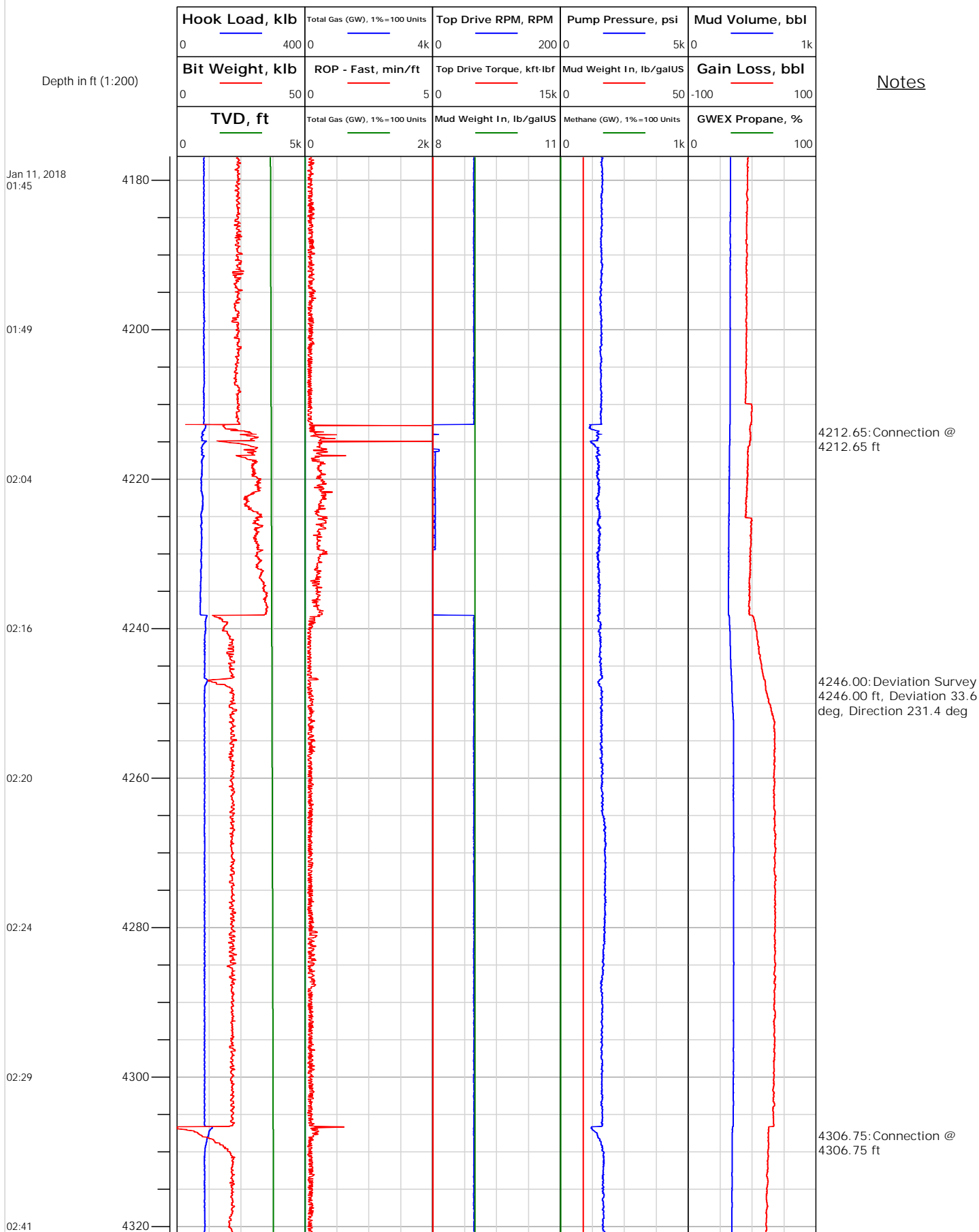
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

Notes





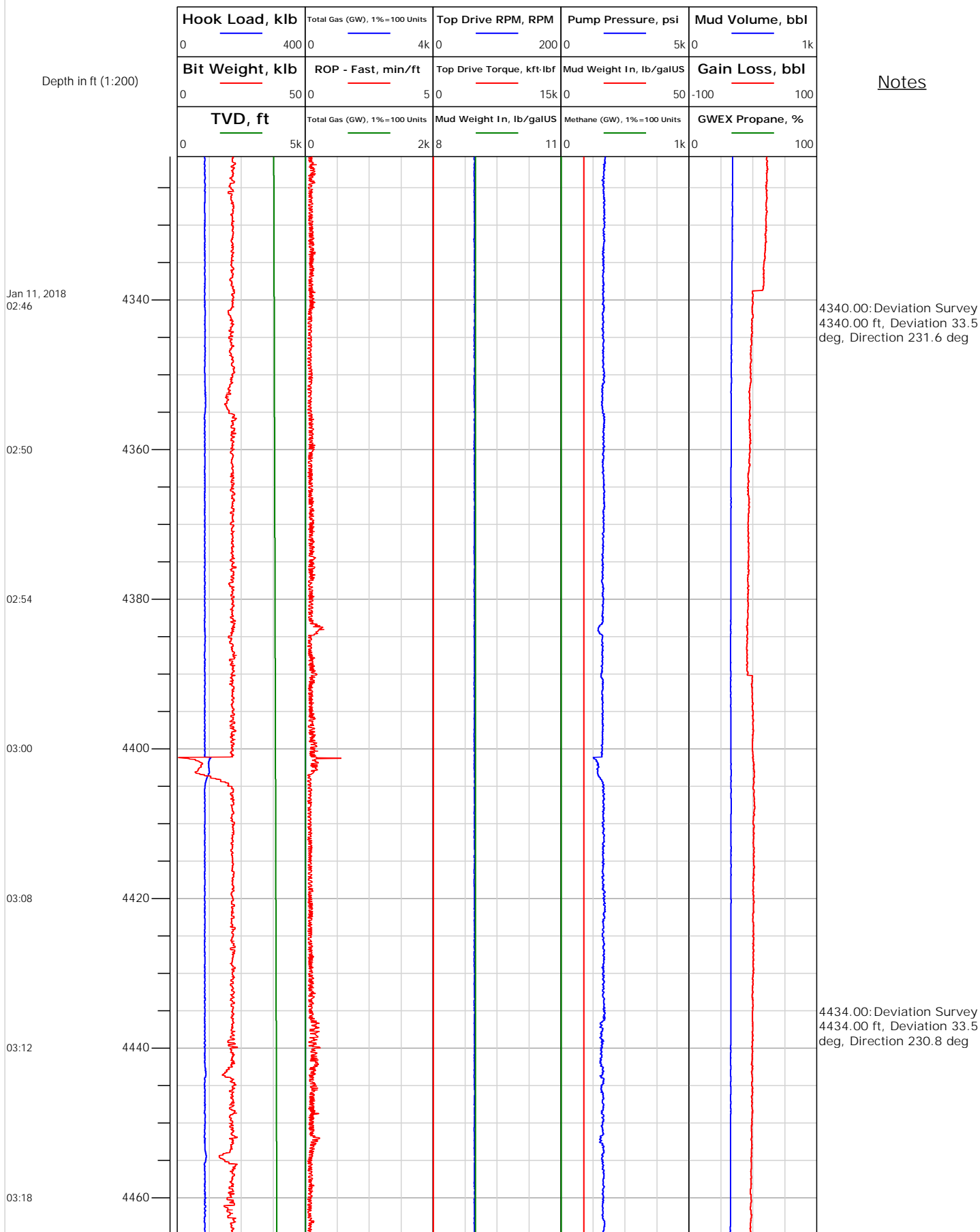
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Rig: 522

Location:

Notes





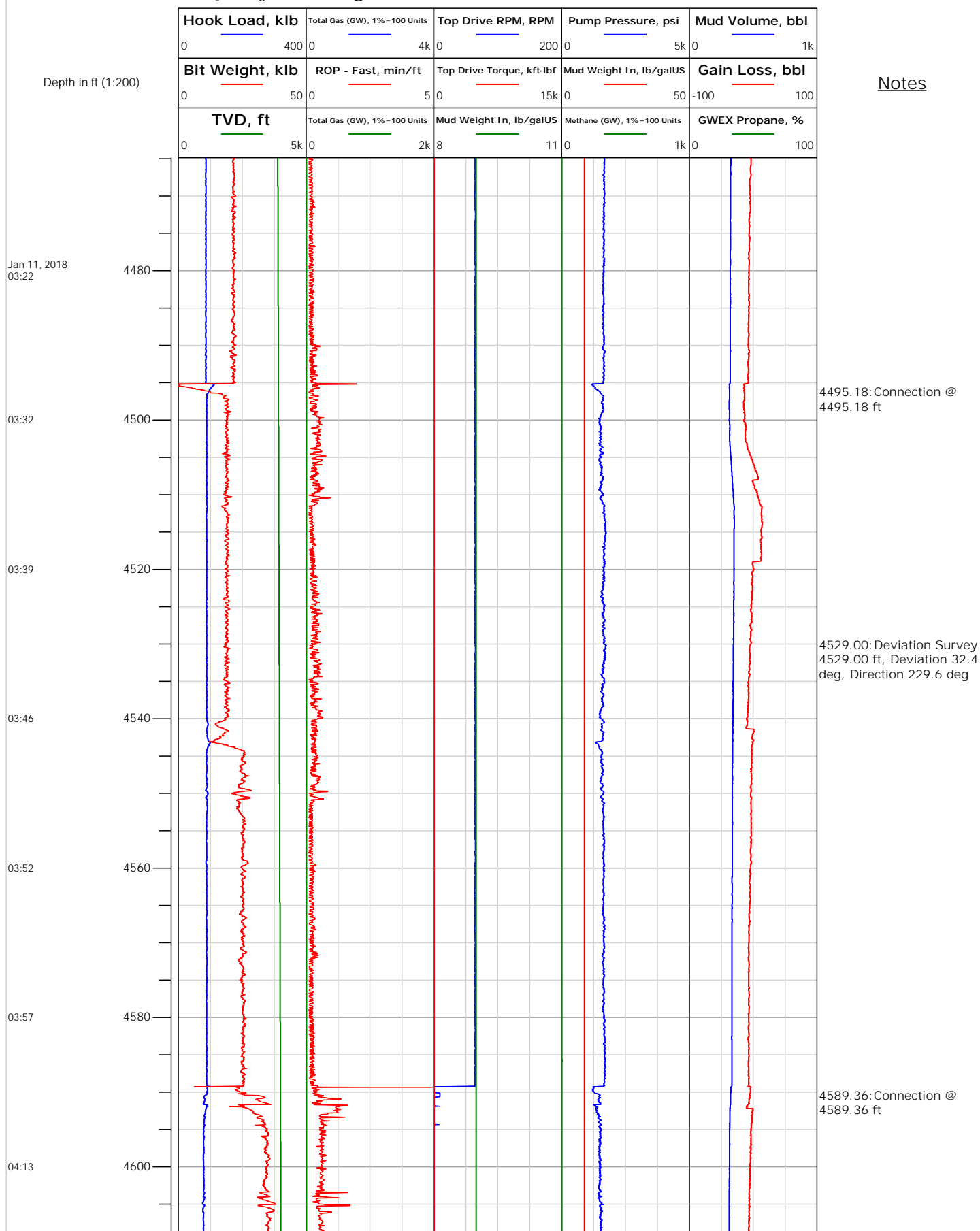
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

Notes





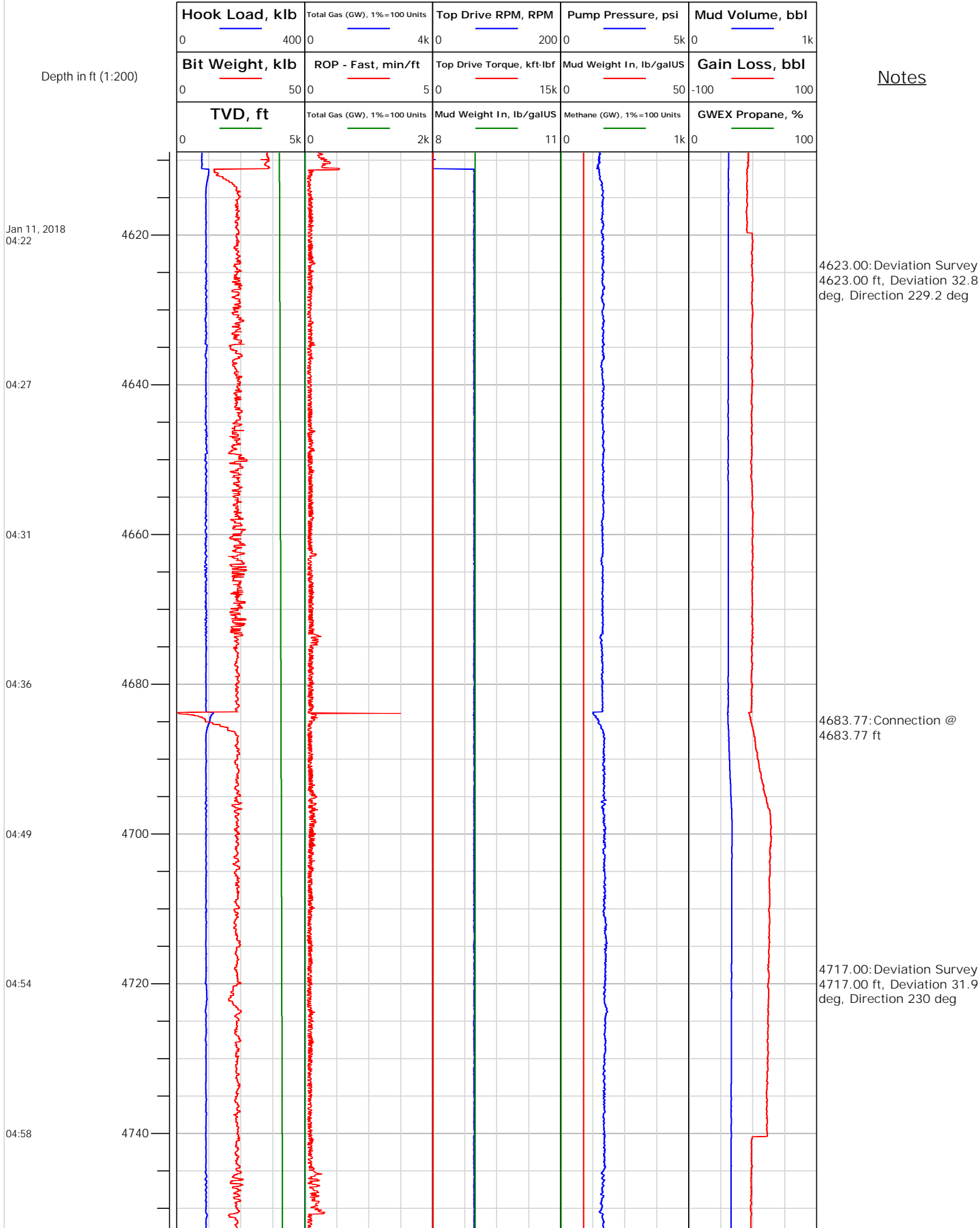
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

Notes





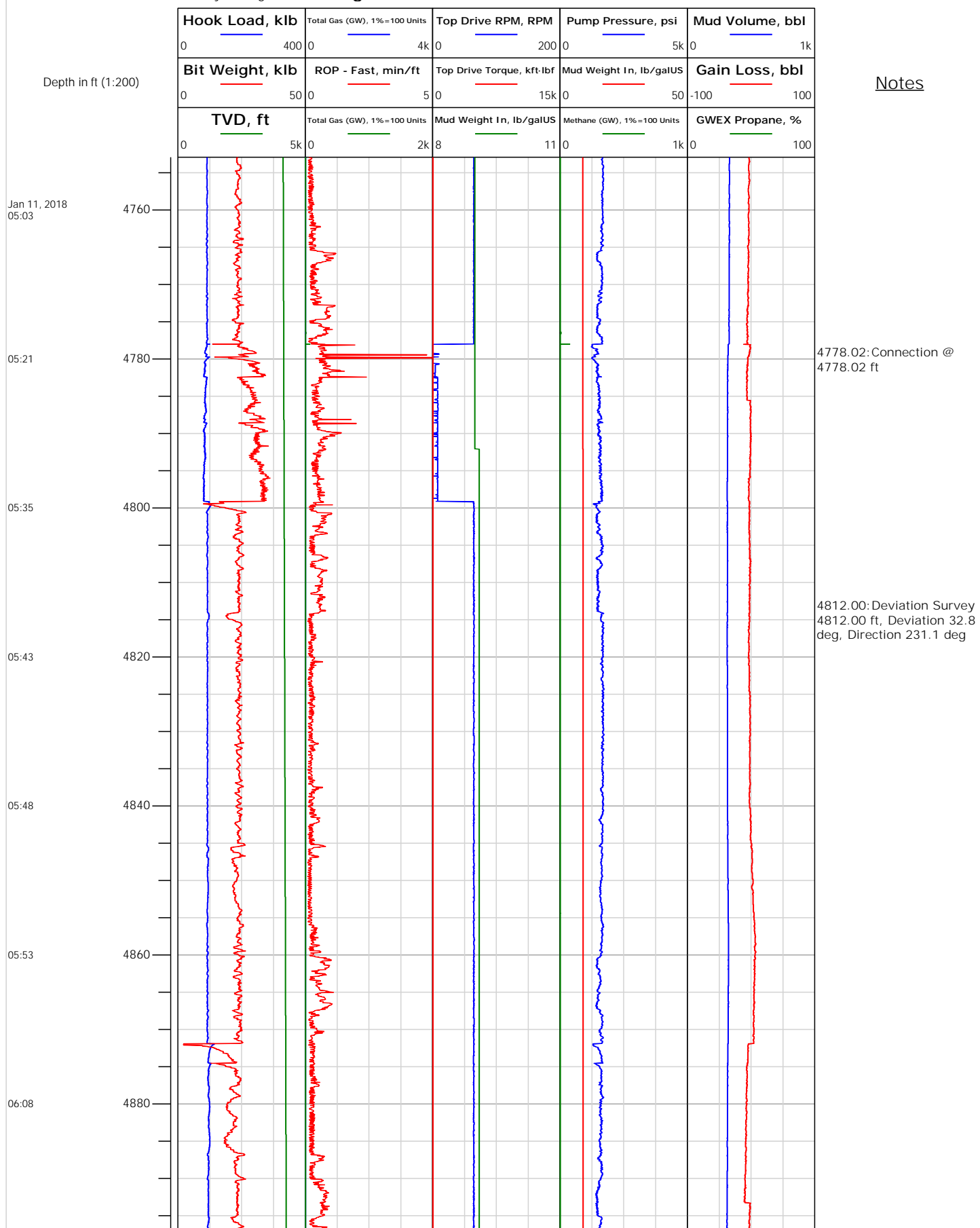
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

Notes



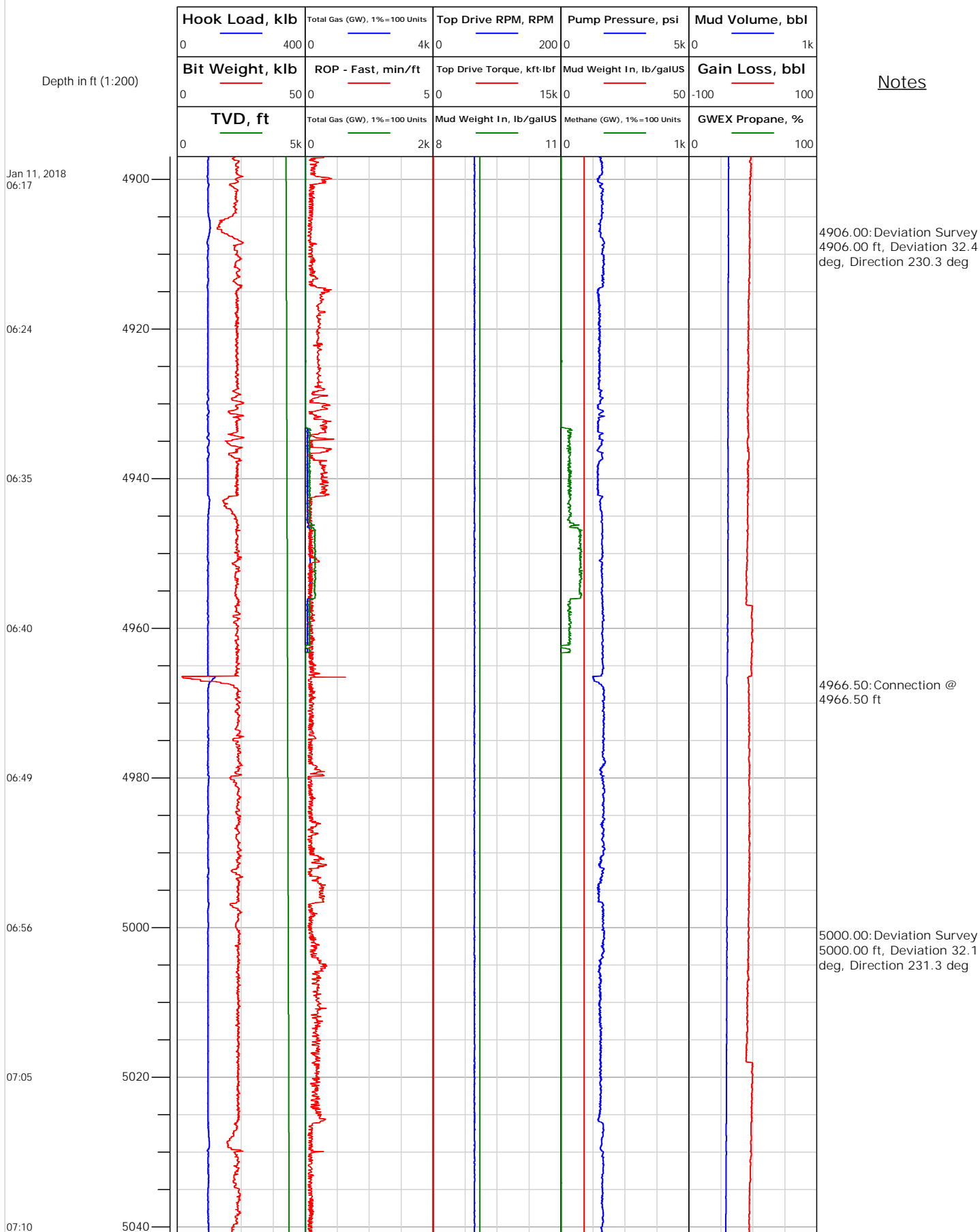


Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:





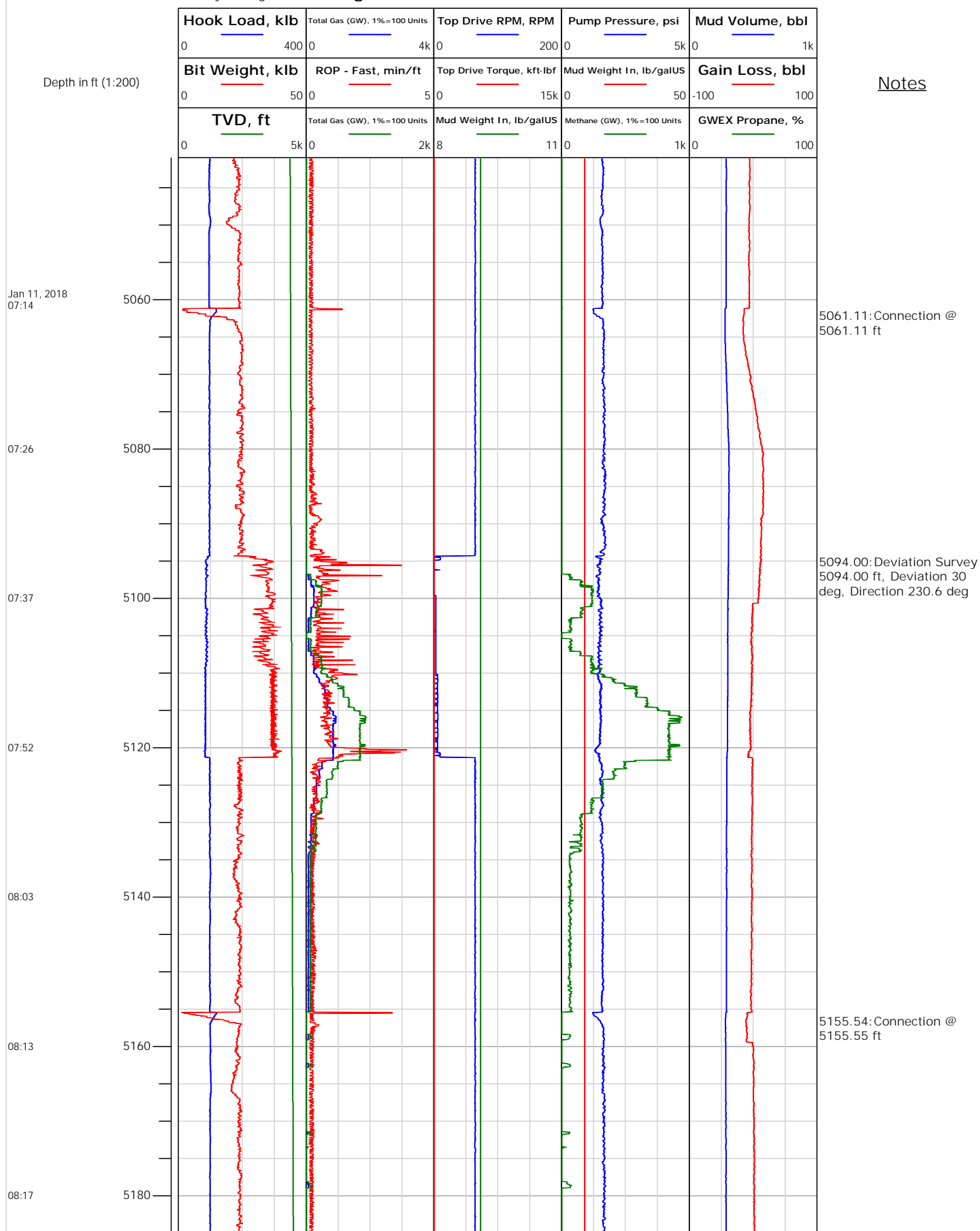
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

Notes





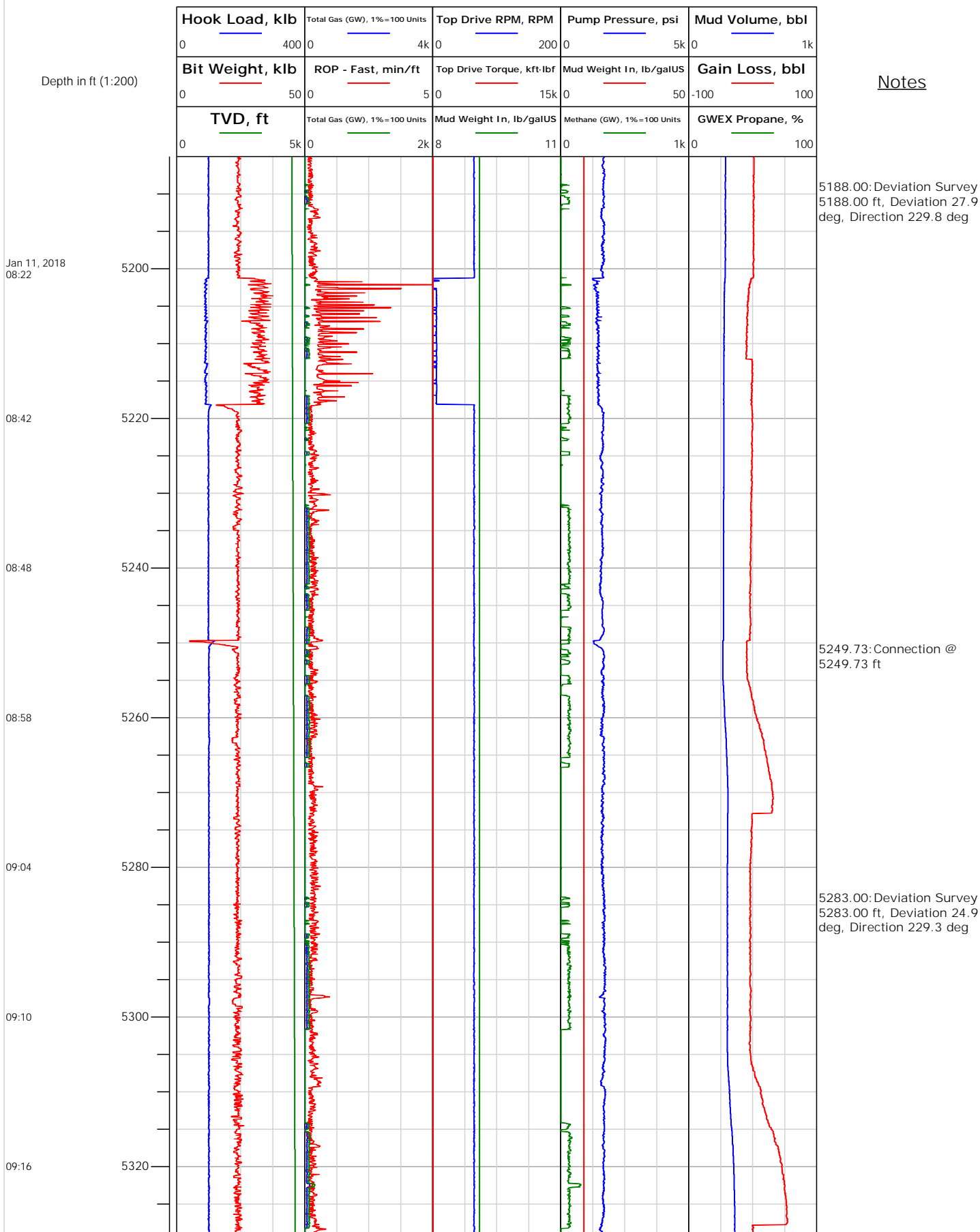
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

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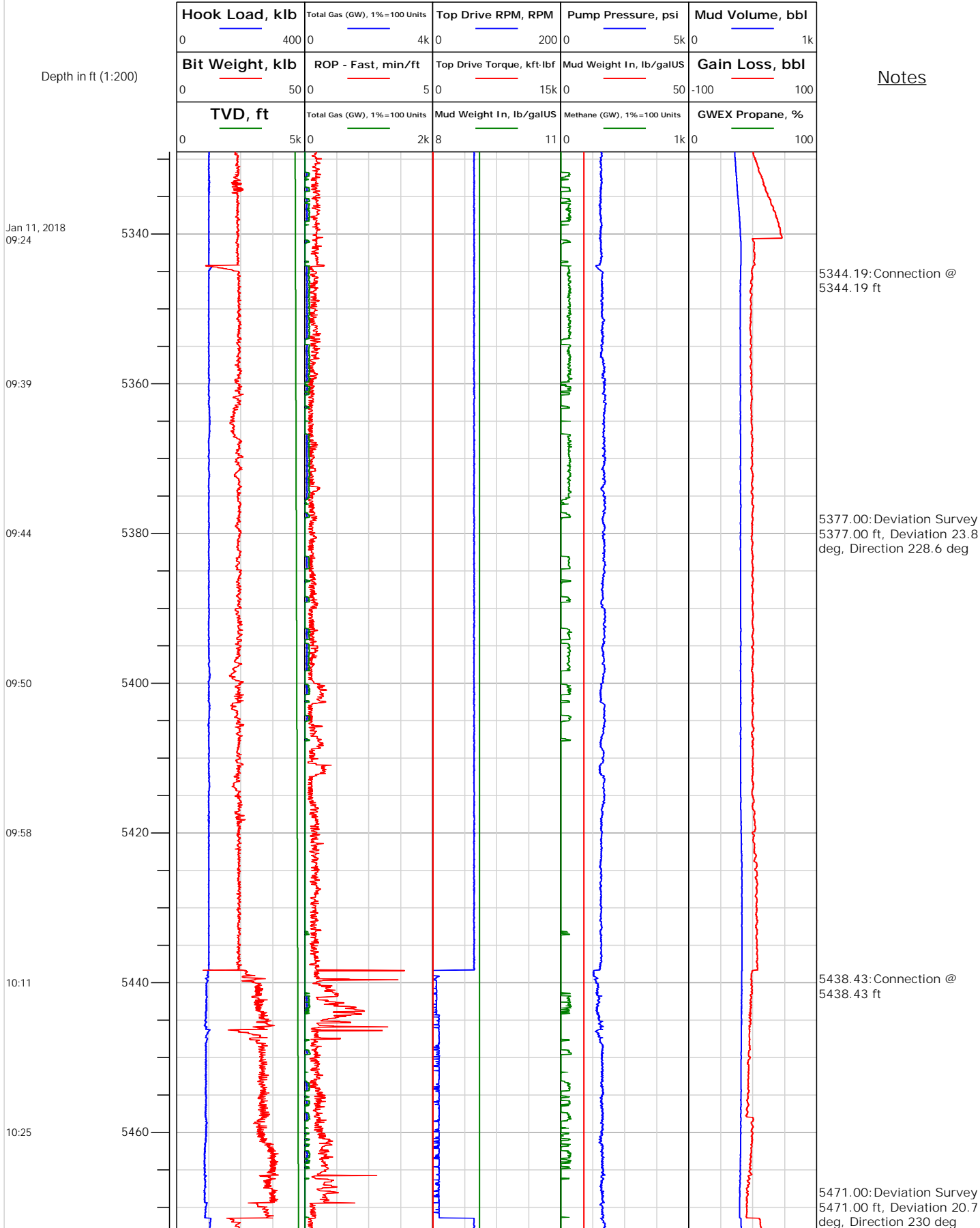
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

Notes





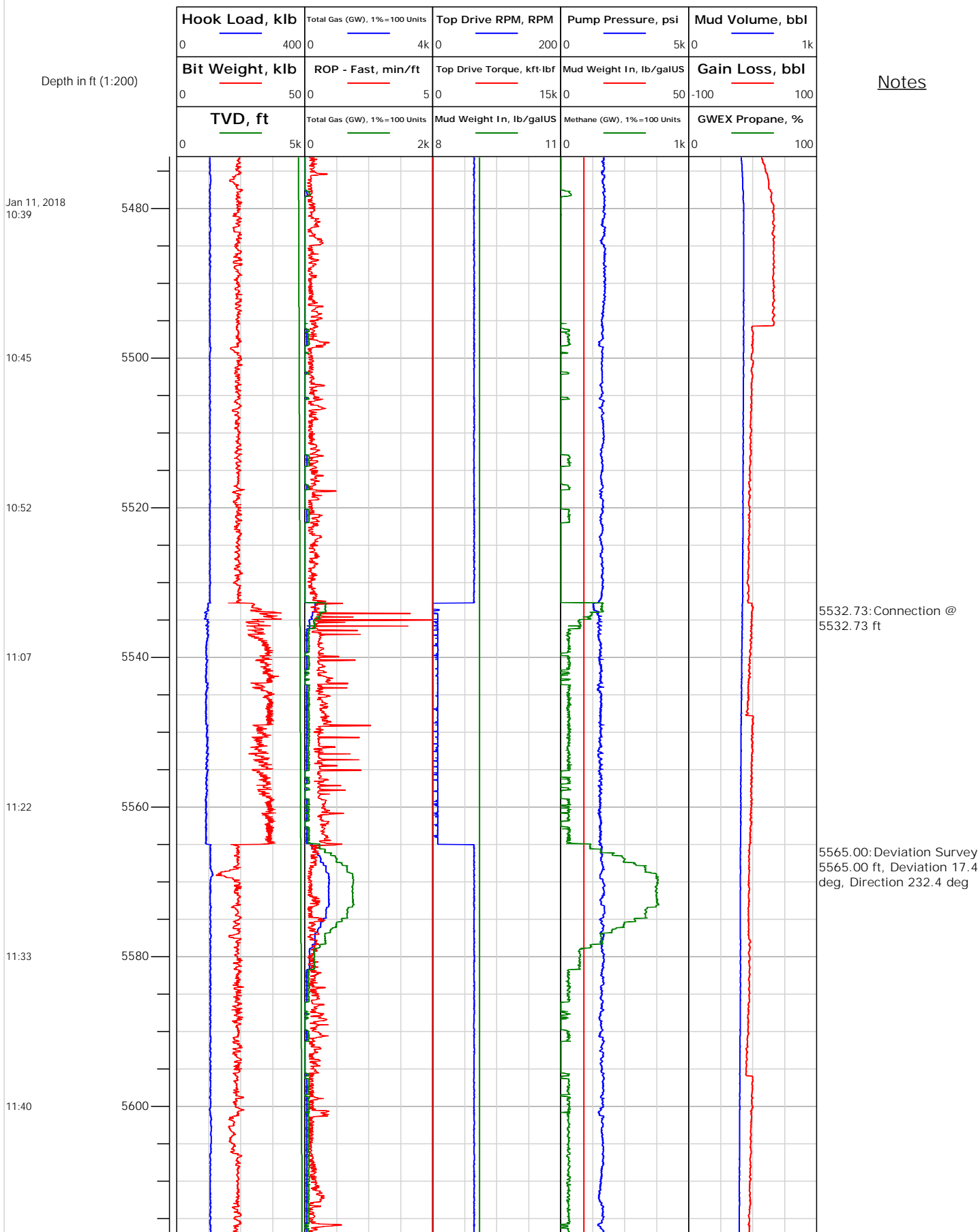
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

Notes





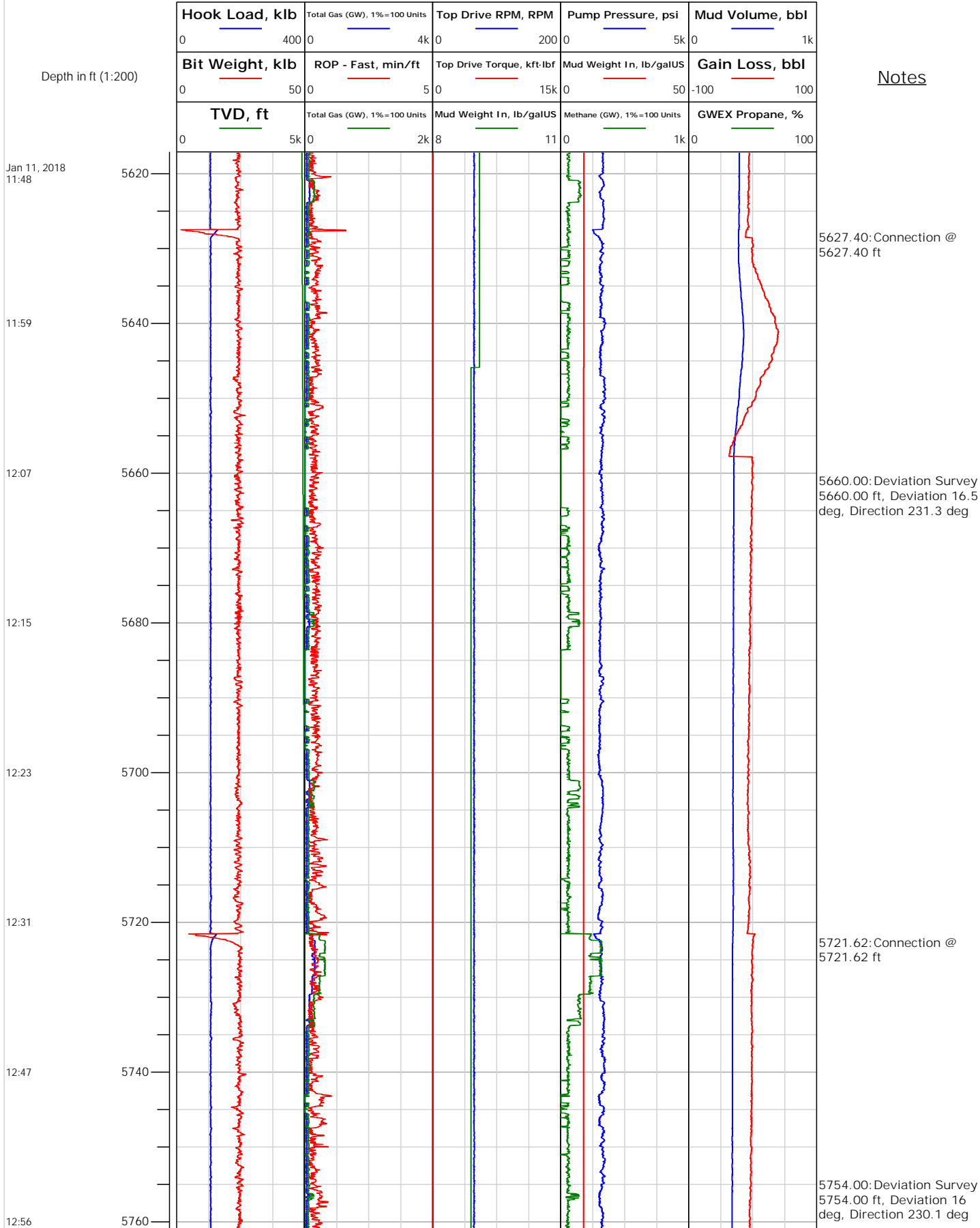
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

Notes





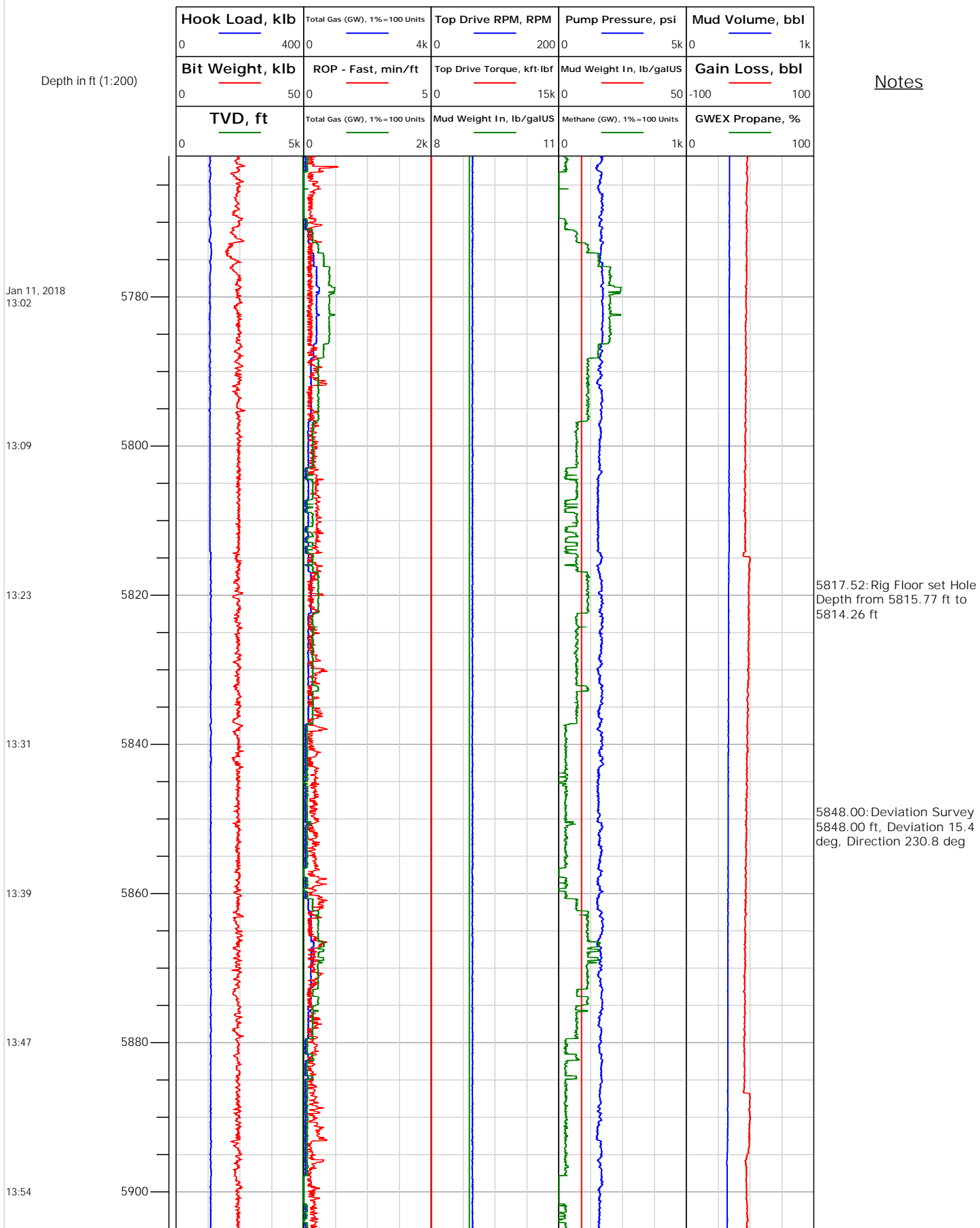
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

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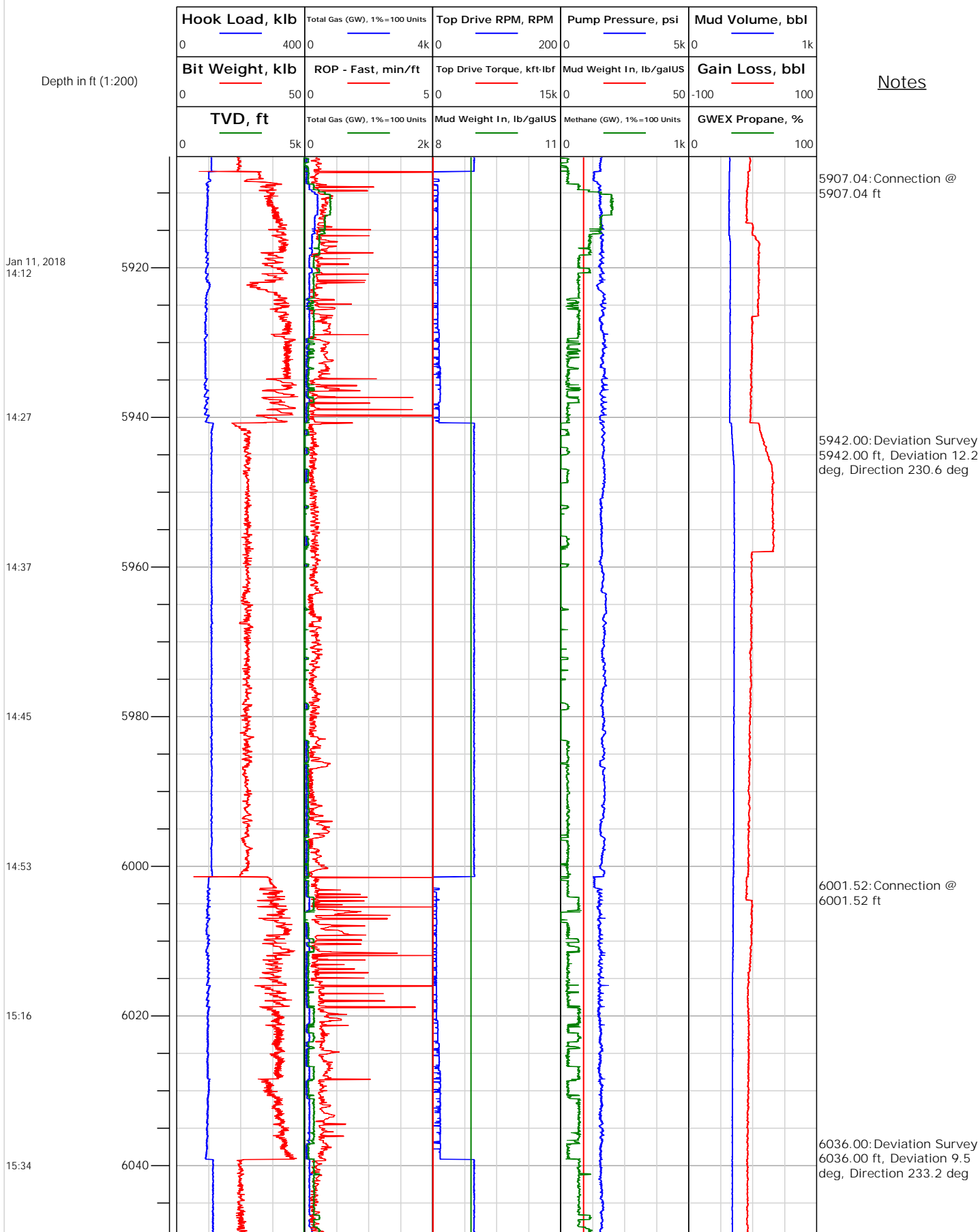
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Rig: 522

Location:

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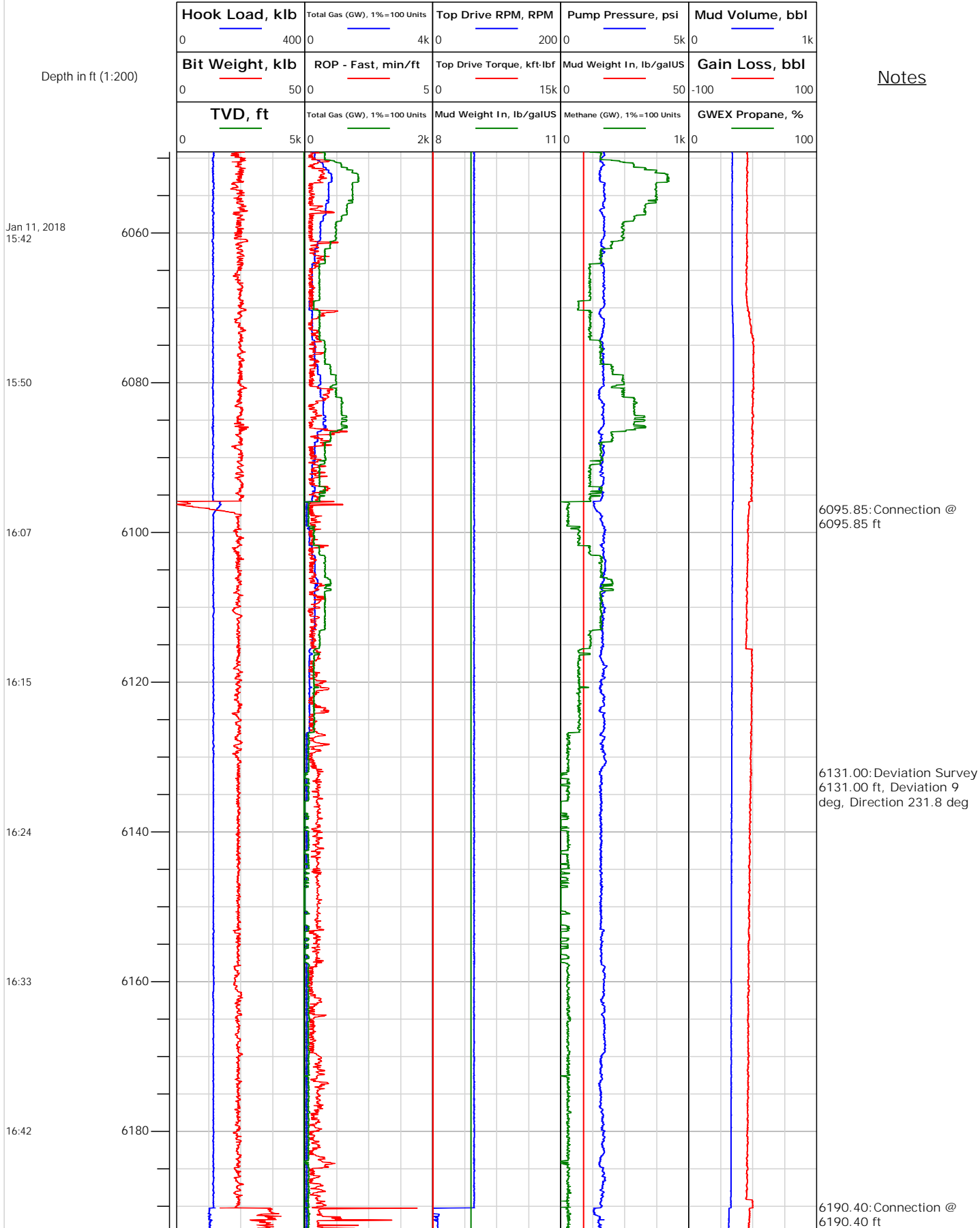
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Rig: 522

Location:

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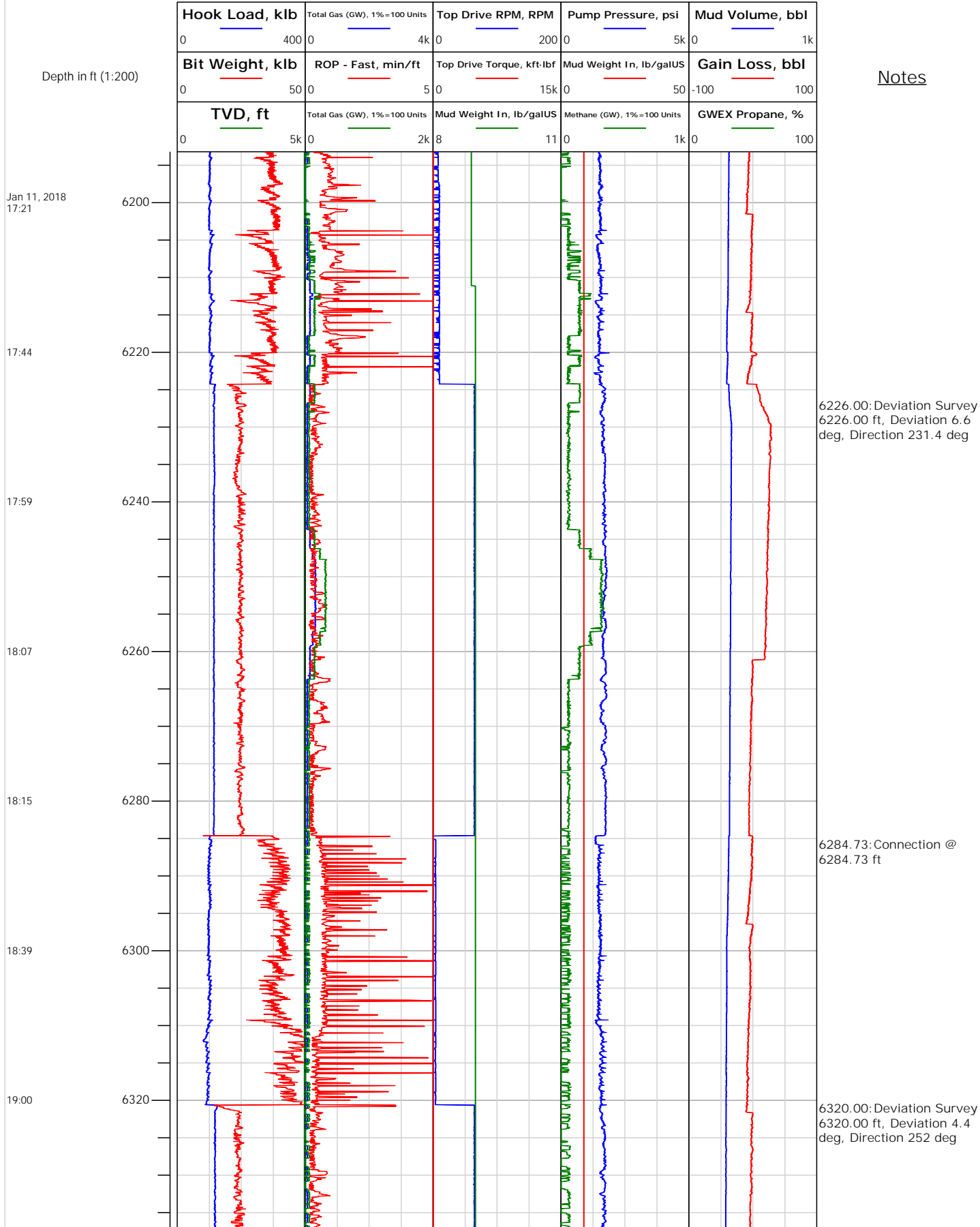
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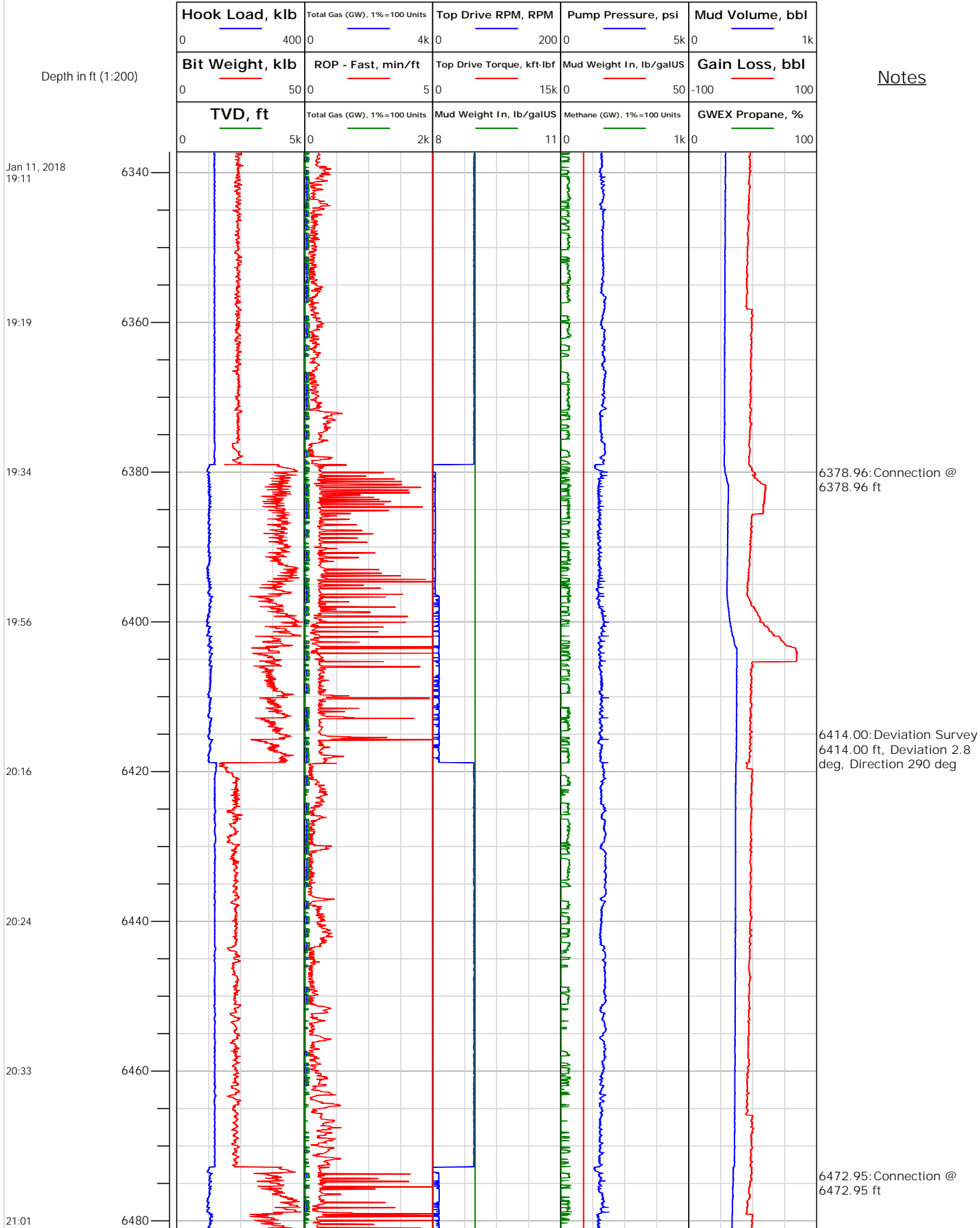
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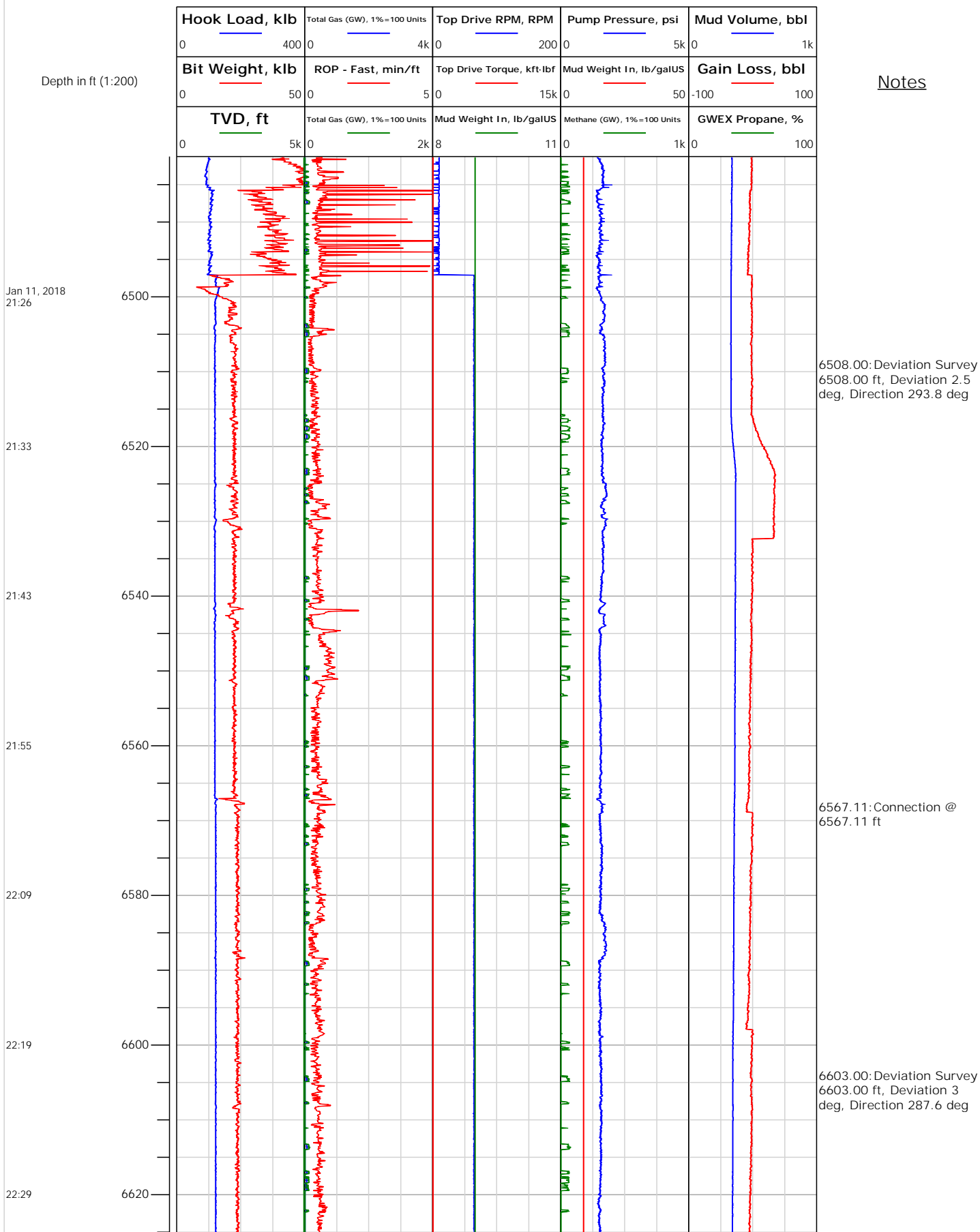
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Rig: 522

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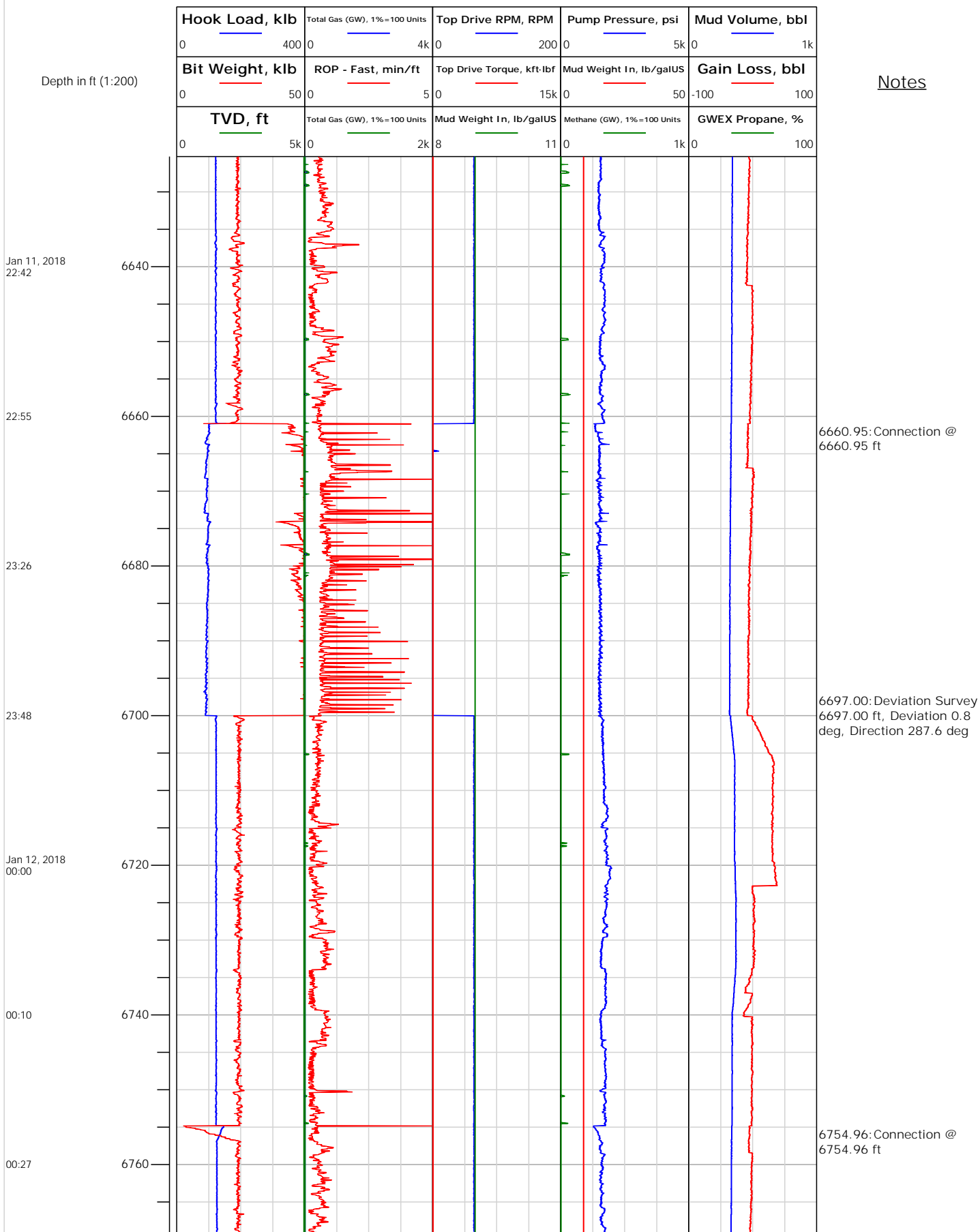
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Rig: 522

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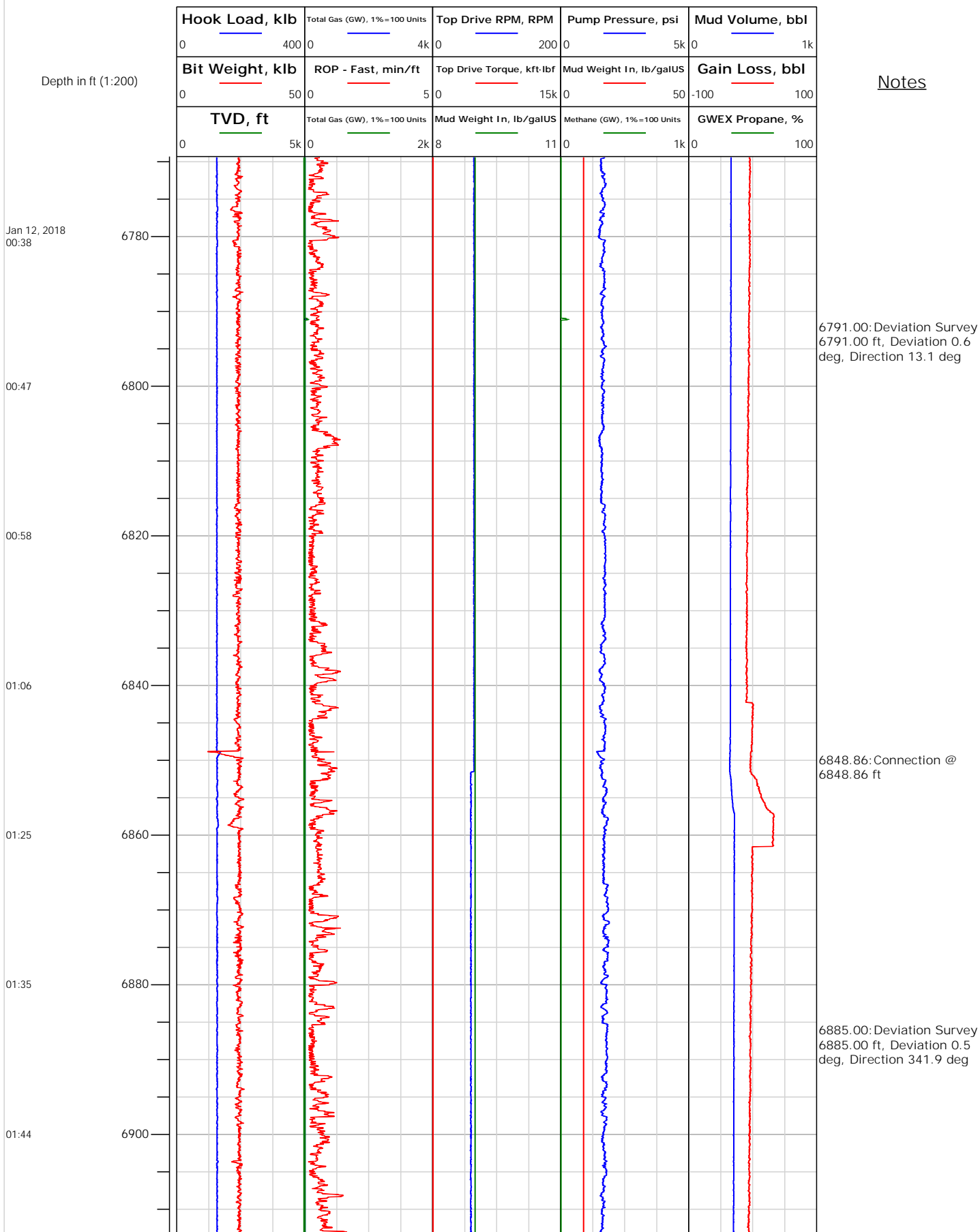
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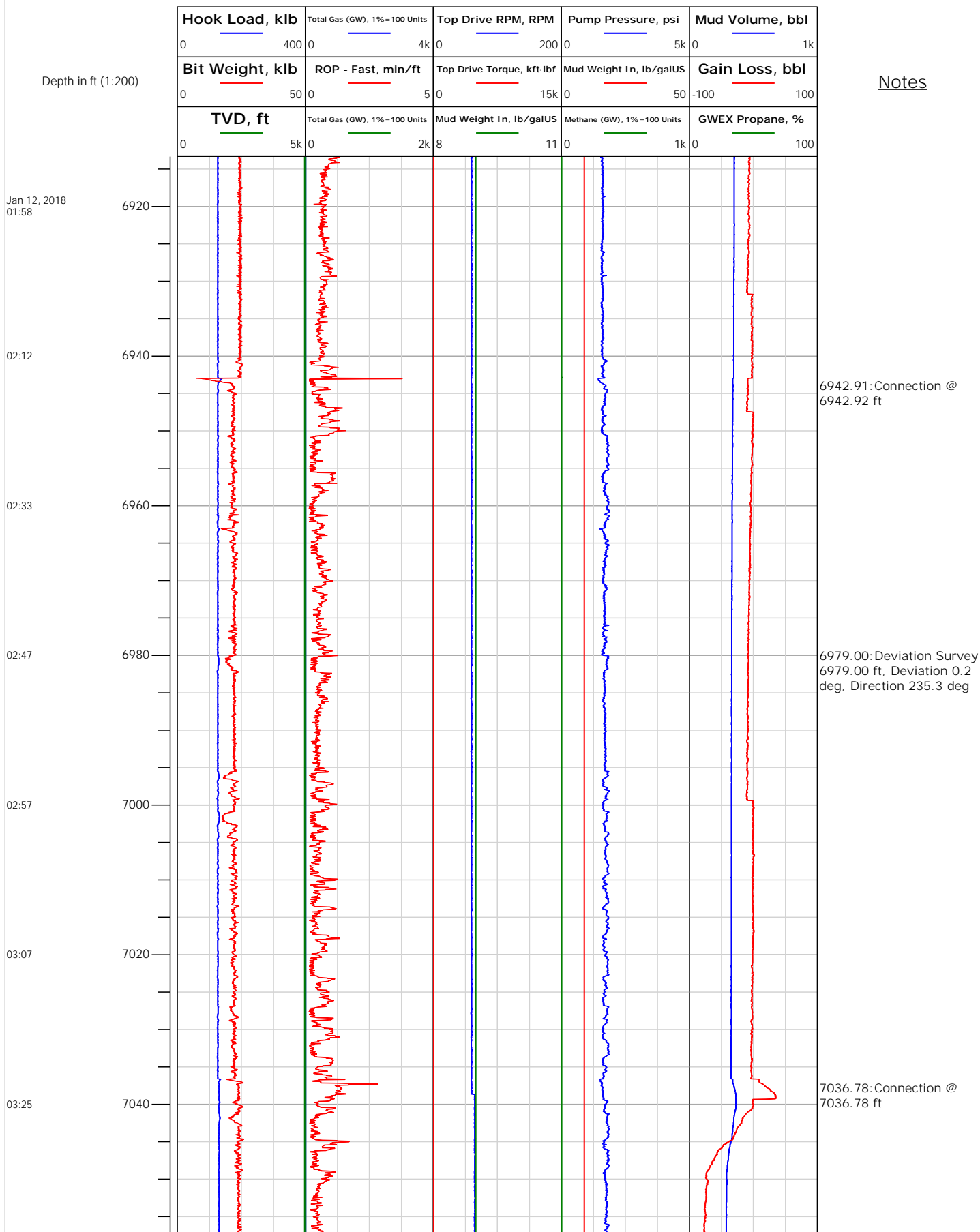
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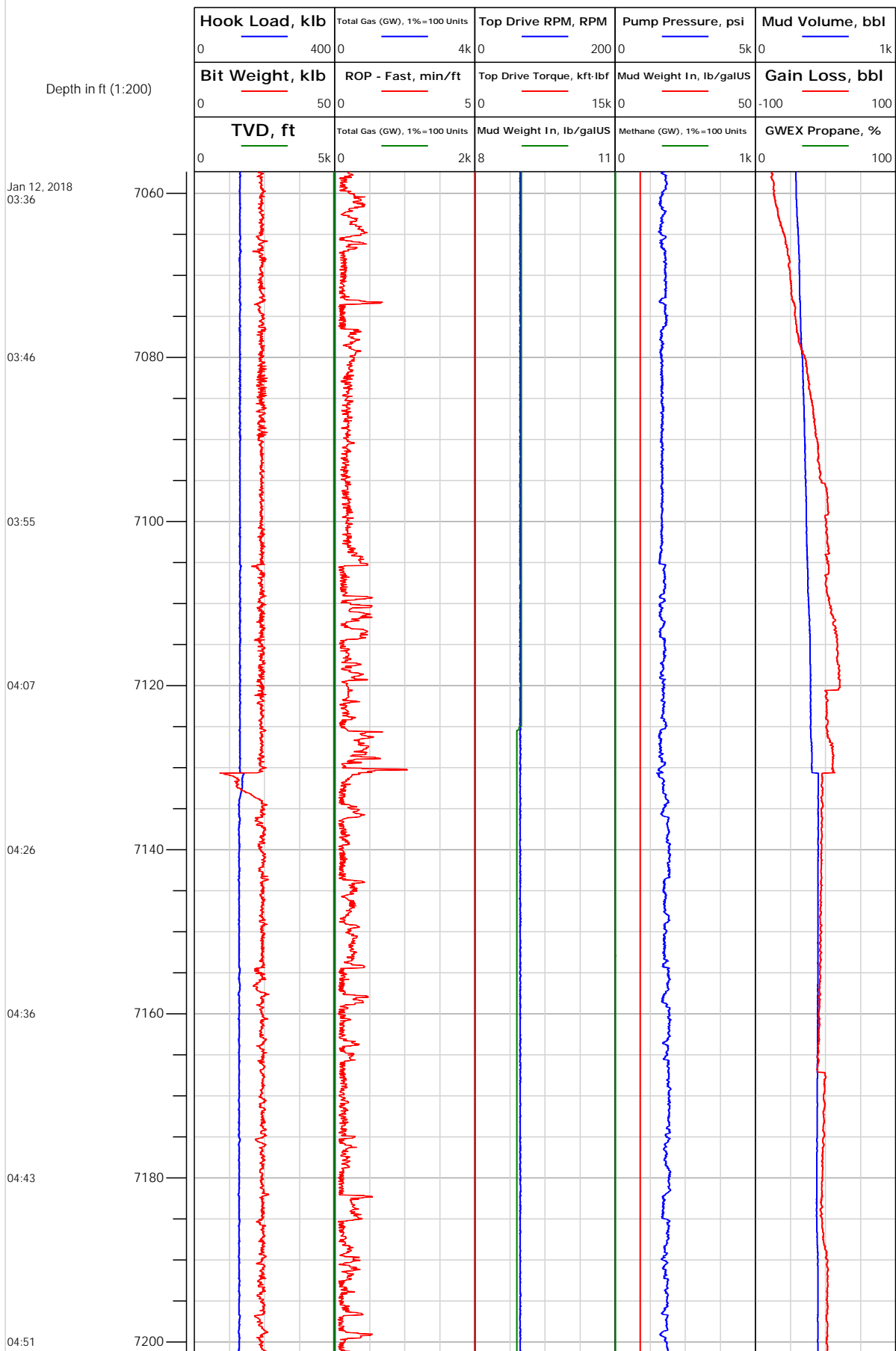


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Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:



Notes

7073.00: Deviation Survey
 7073.00 ft, Deviation 0.1 deg, Direction 279.5 deg

7167.00: Deviation Survey
 7167.00 ft, Deviation 0.4 deg, Direction 203.2 deg



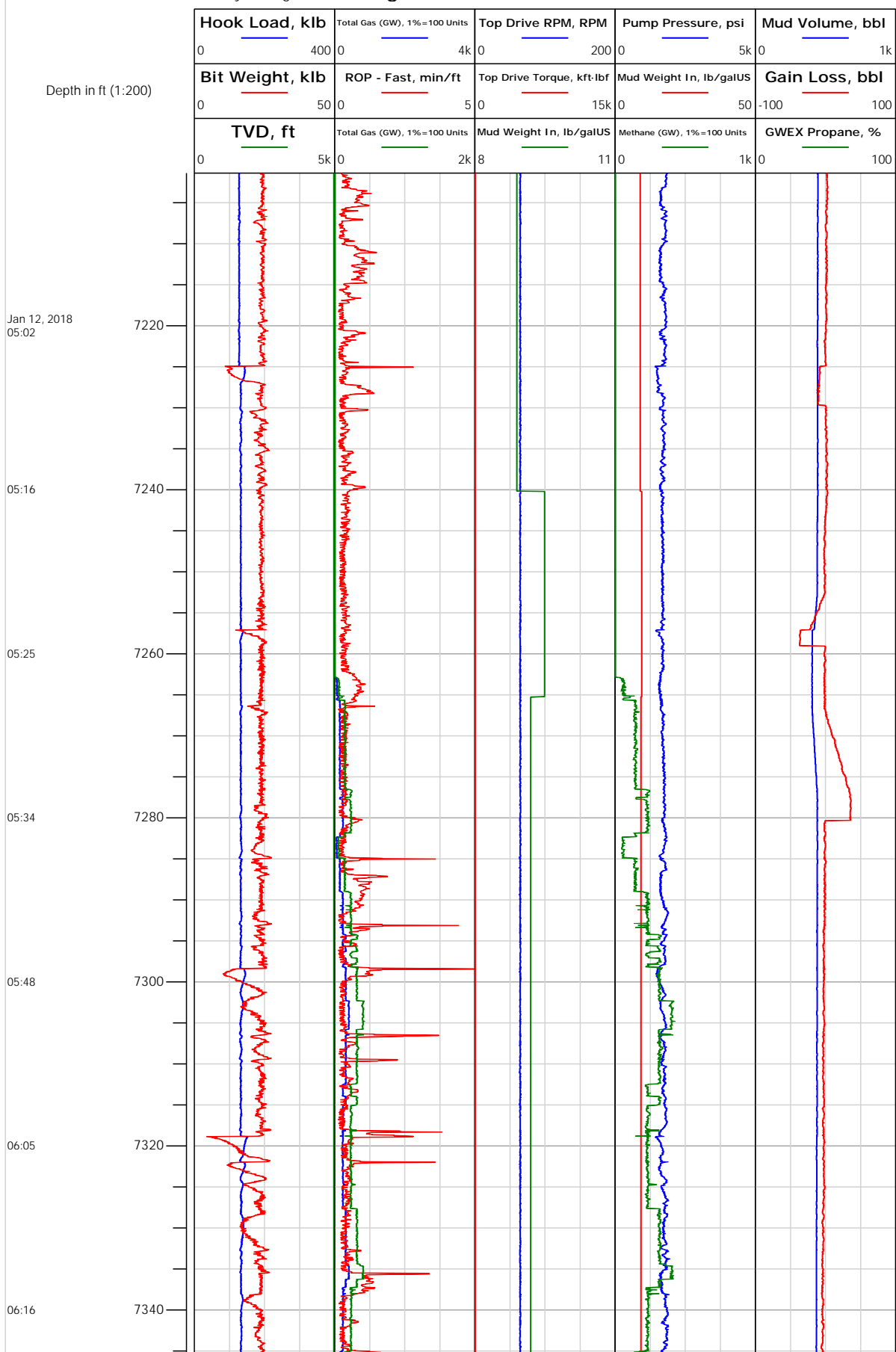
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Rig: 522

Location:

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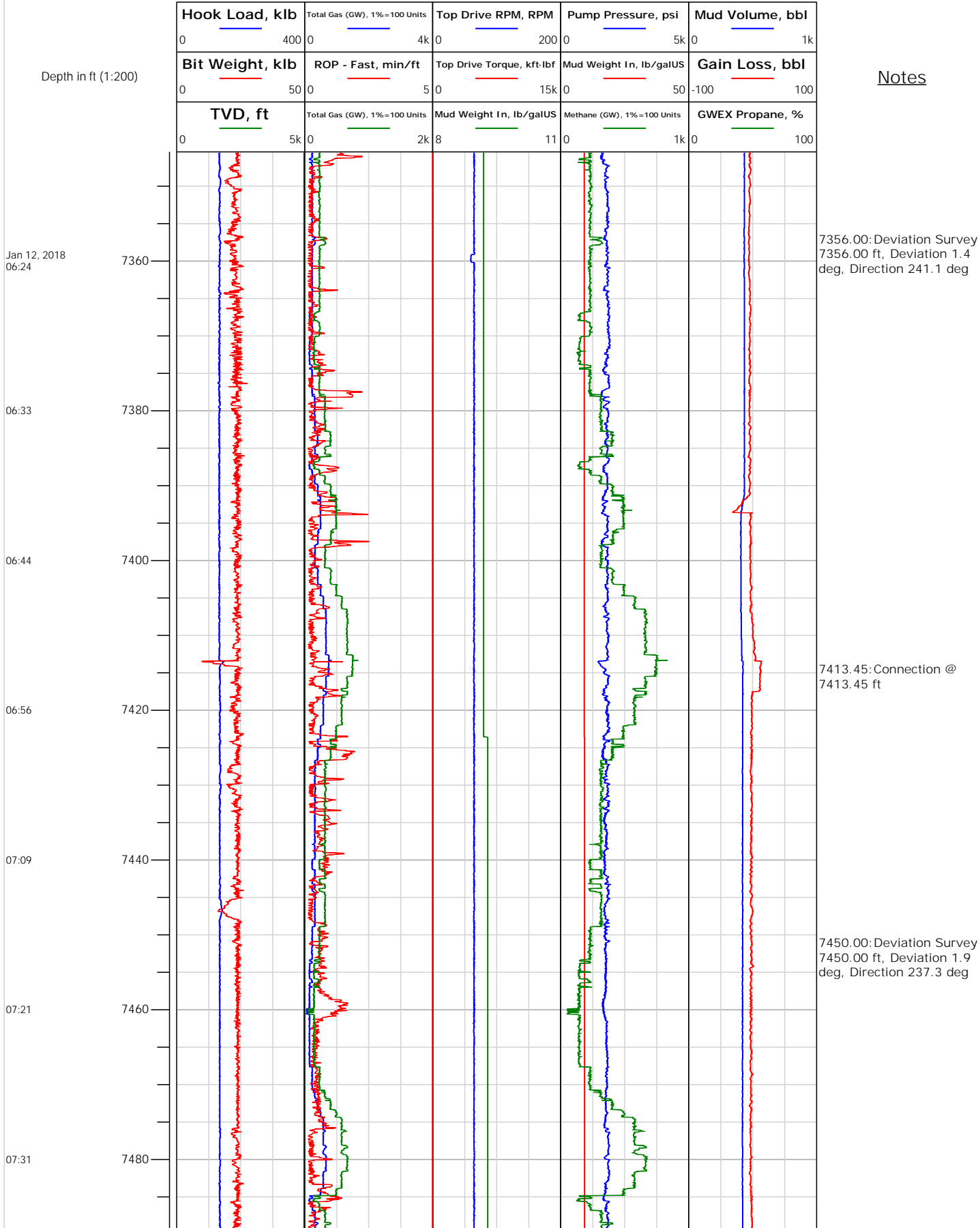
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Rig: 522

Location:

Notes





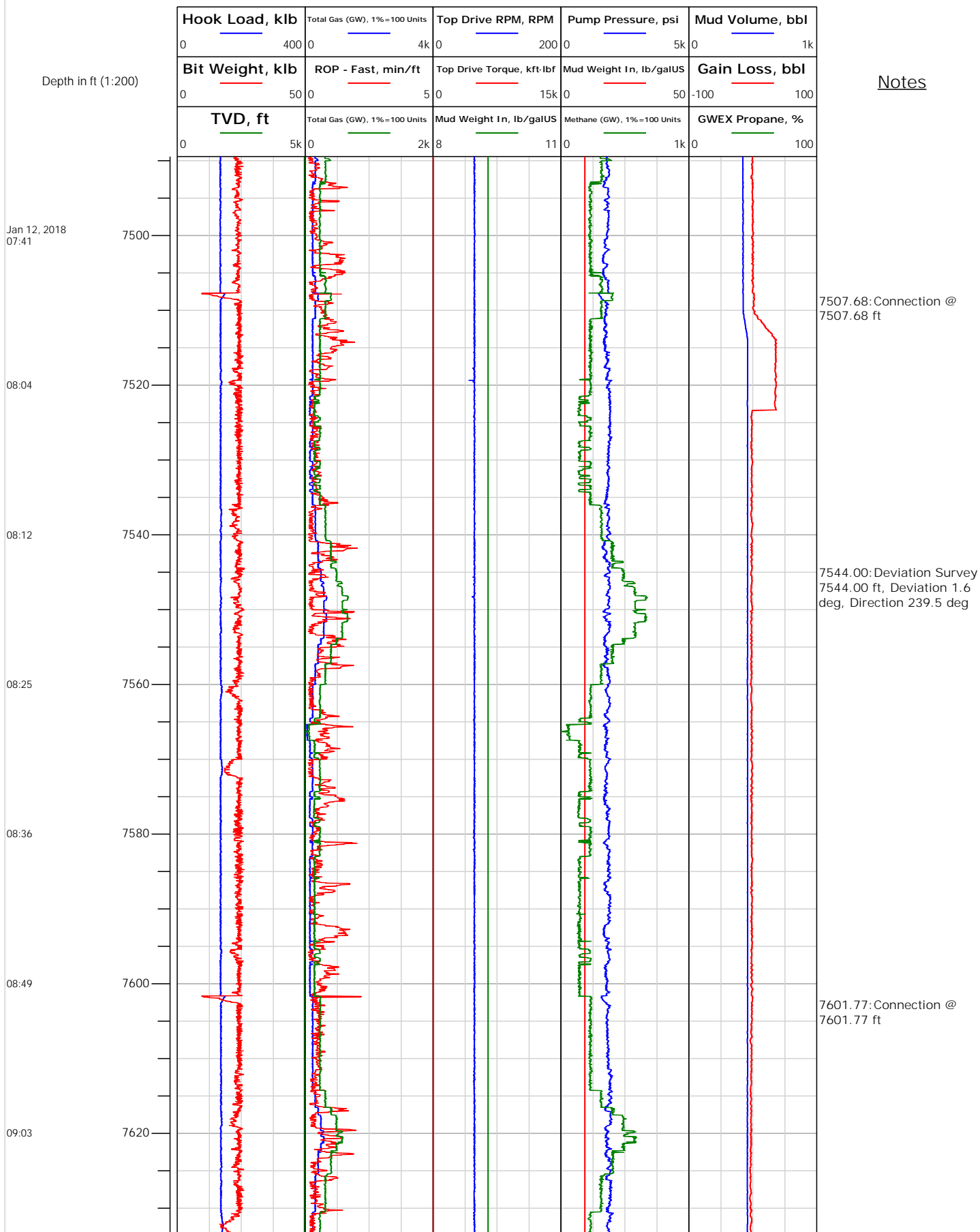
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Rig: 522

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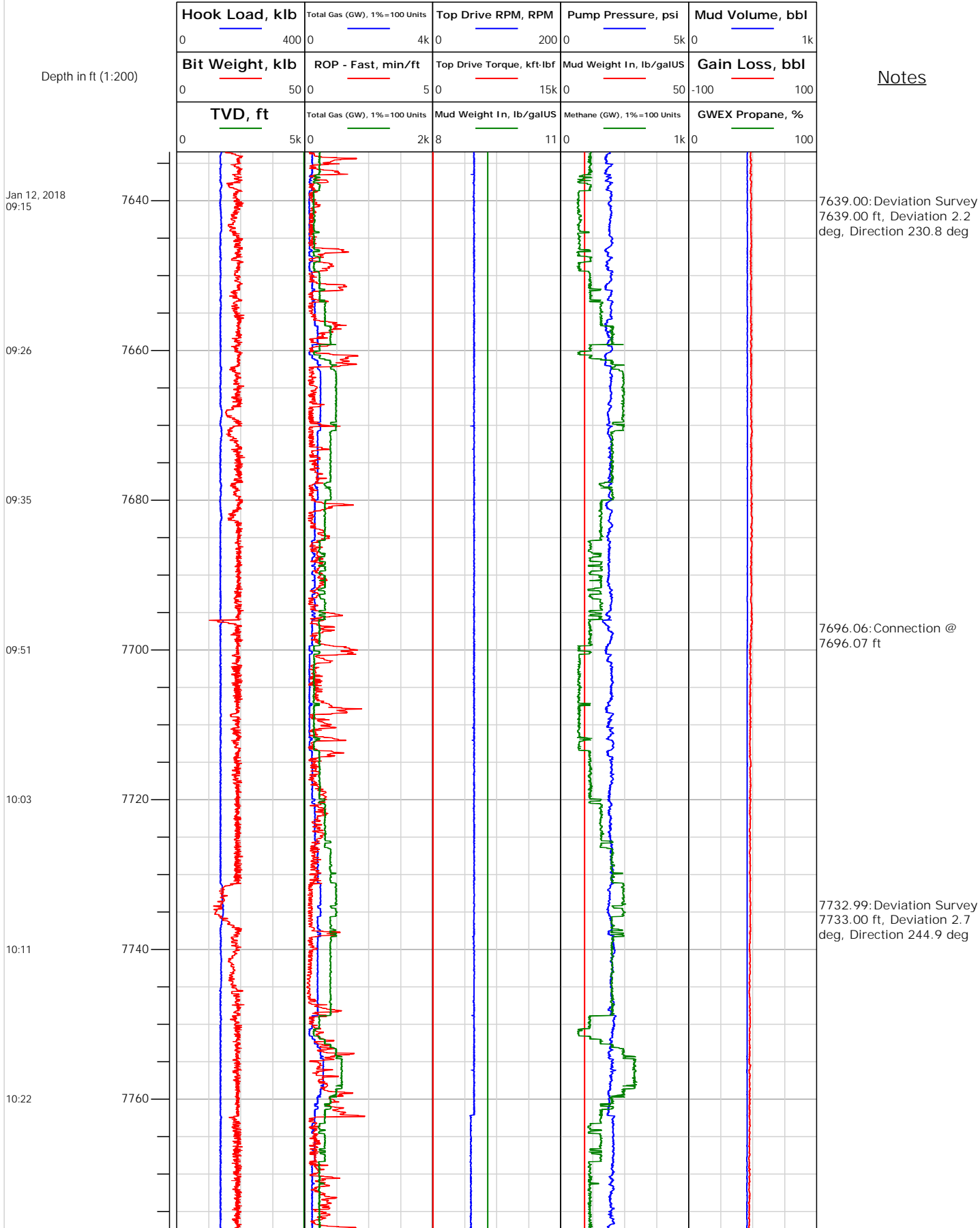
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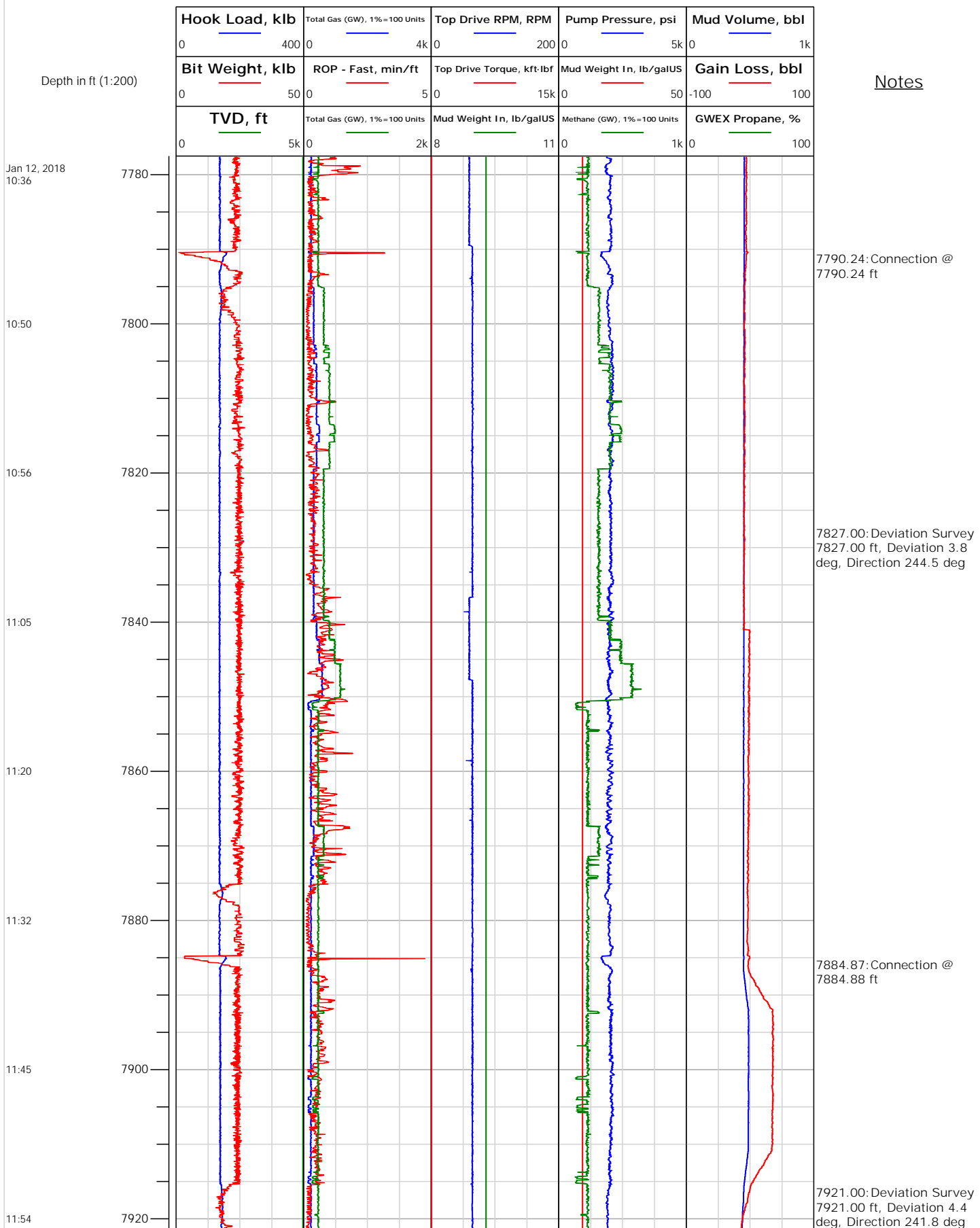


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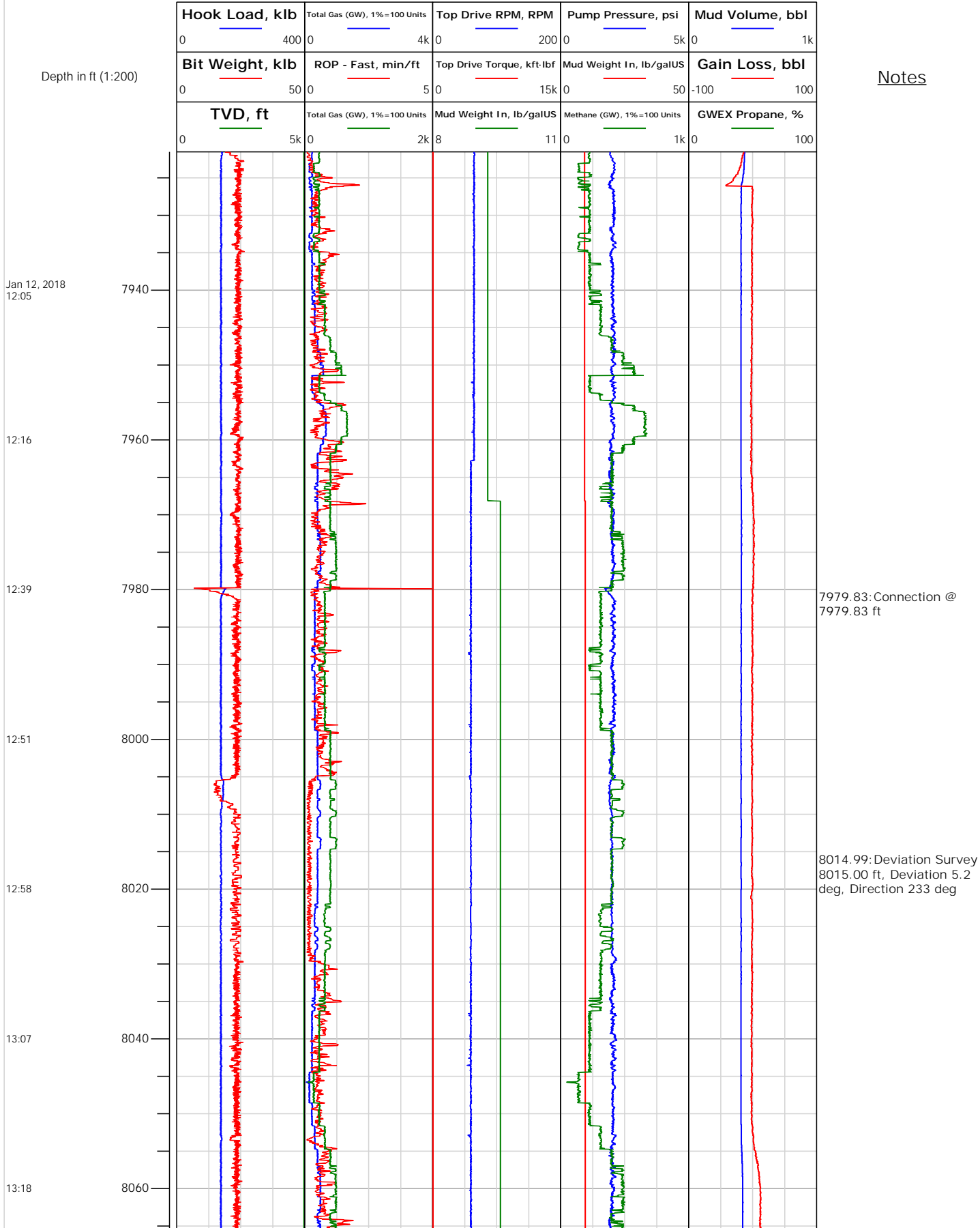
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Rig: 522

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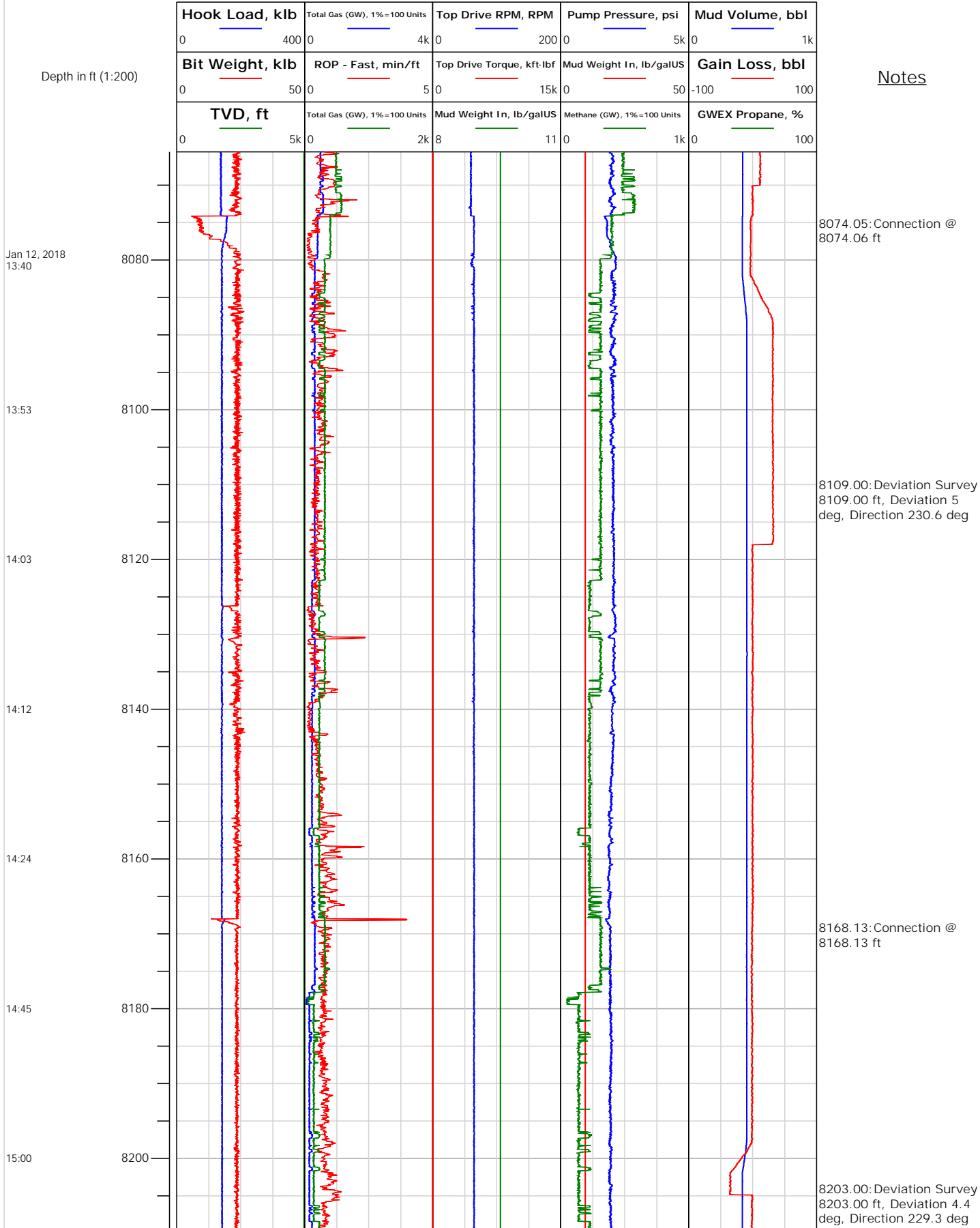
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON FEDERAL 30-18W
Rig: 522

Location:

Notes





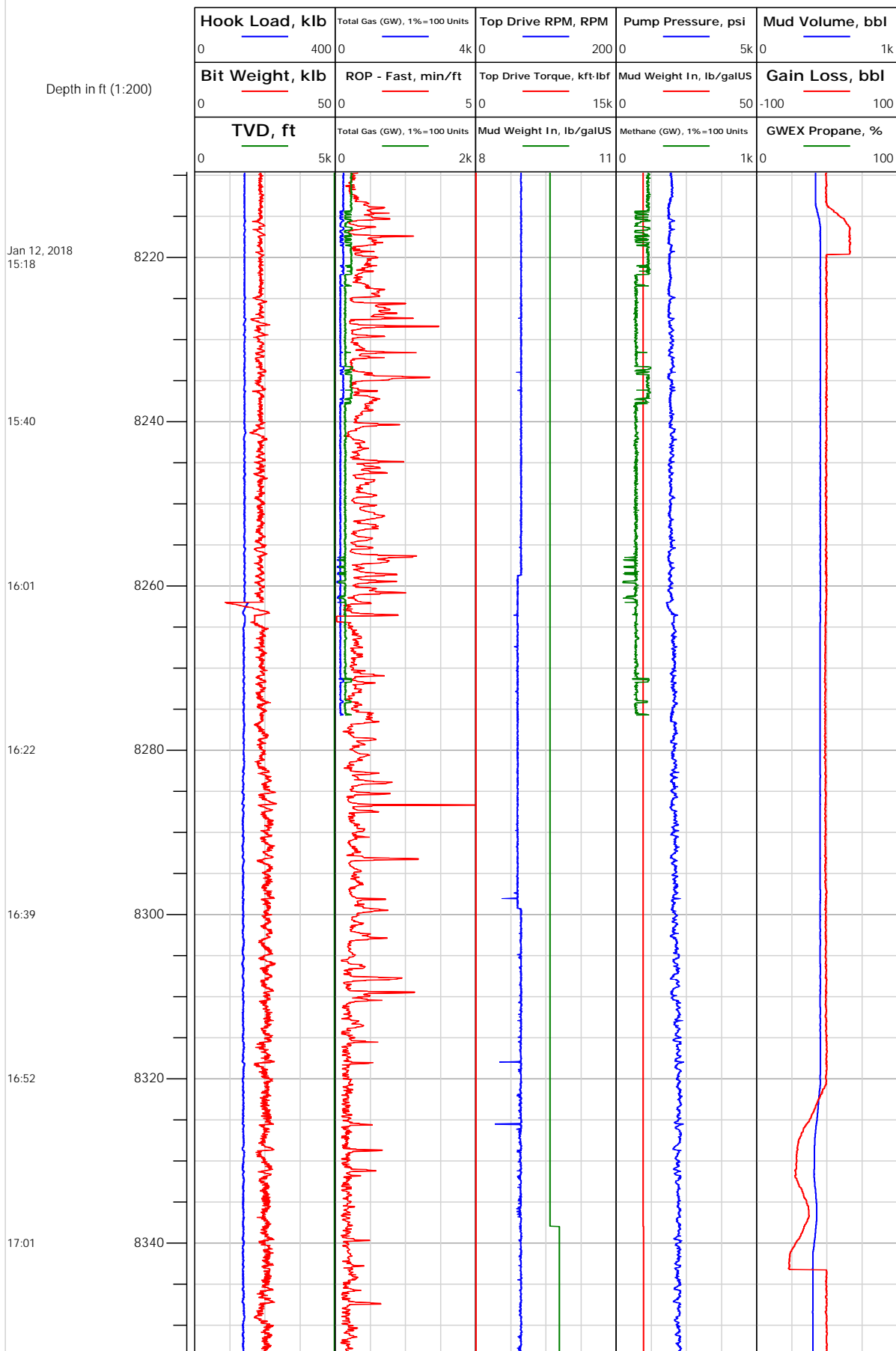
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