



Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Depth in ft (1:200)

Notes

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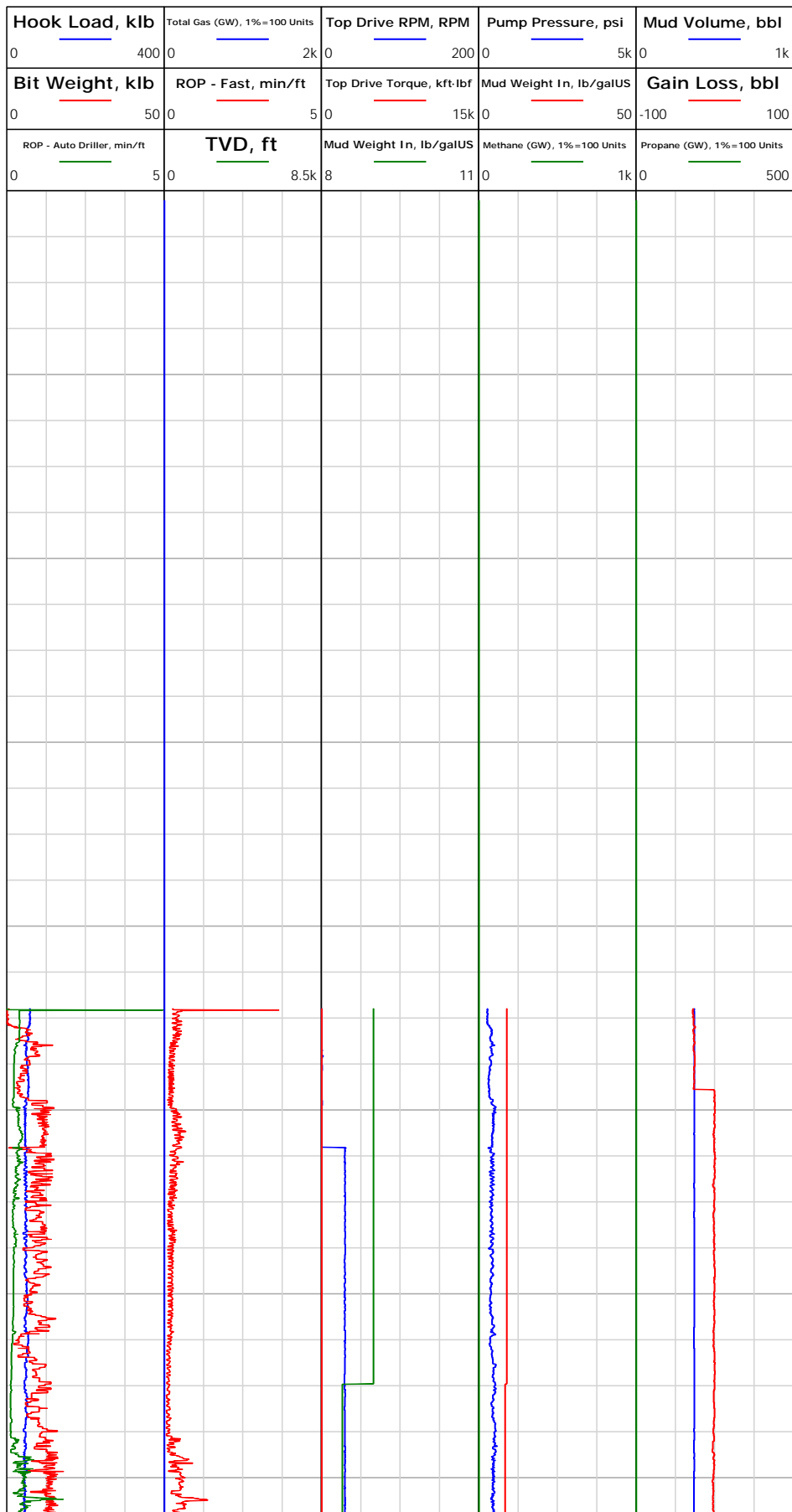
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Sep 20, 2017
16:33

16:39

16:43



0.00: Deviation Survey
0.00 ft, Deviation 0 deg,
Direction 0 deg
1.00: Rig Floor set Hole
Depth from 1.00 ft to
89.00 ft
1.00: Rig Floor set Bit
Position from 0.00 ft to
88.00 ft

89.00: Rig Floor set Bit
Position from 71.93 ft to
80.67 ft
89.00: Rig Floor set Bit
Position from 88.00 ft to
0.00 ft



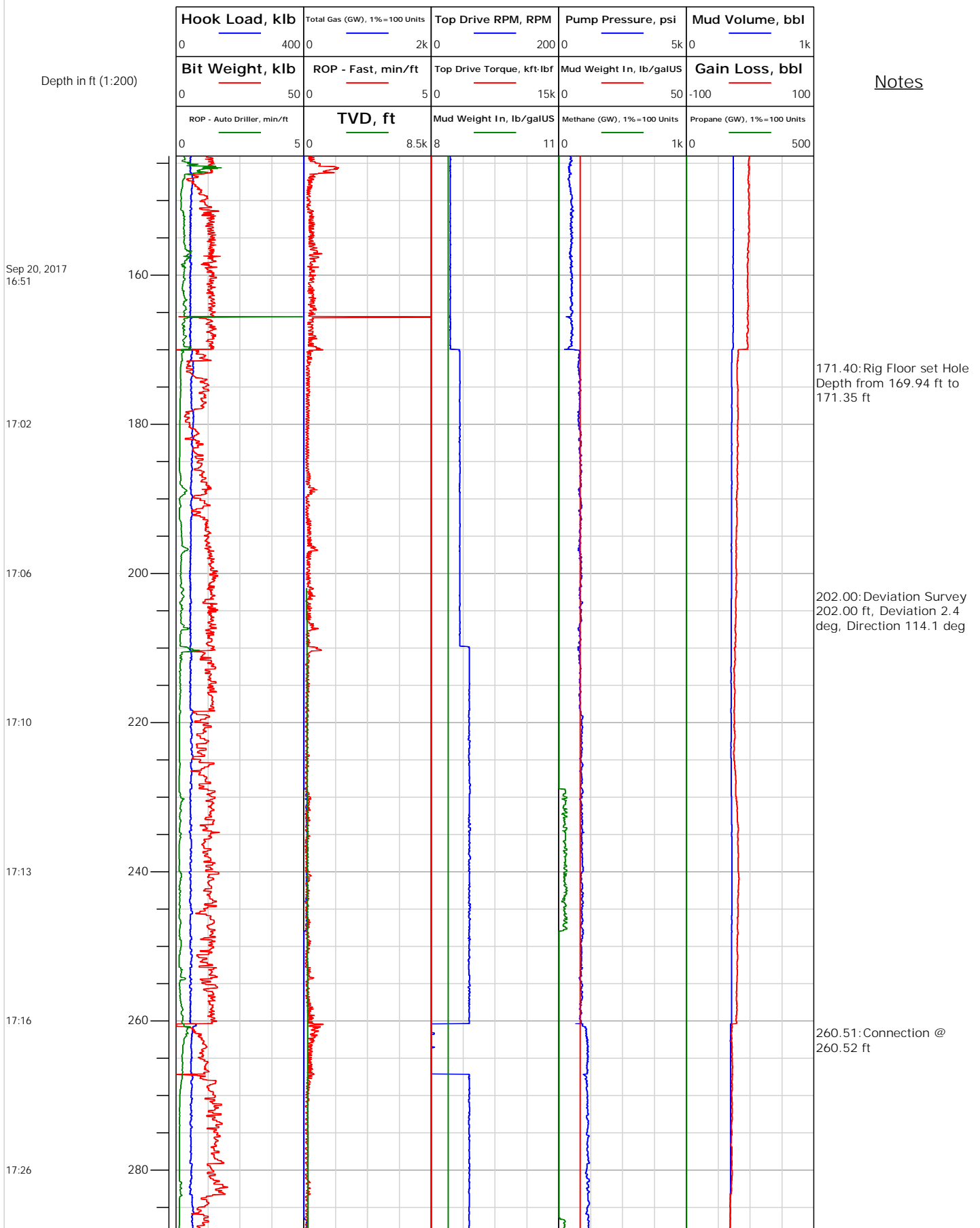
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Depth in ft (1:200)

Notes

Sep 20, 2017
17:29

17:32

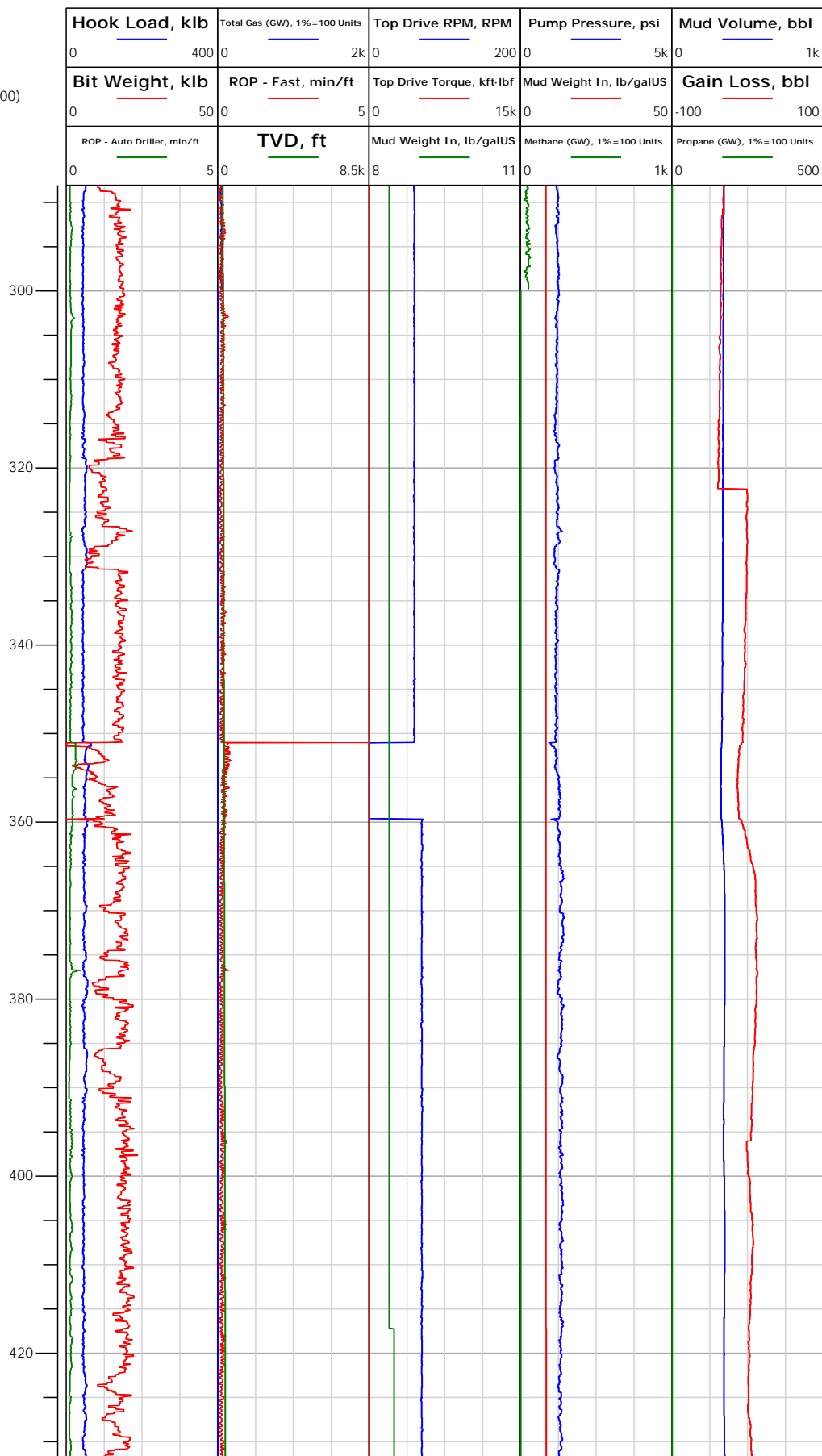
17:34

17:44

17:47

17:49

17:52



293.00: Deviation Survey
293.00 ft, Deviation 3 deg,
Direction 103.7 deg

351.07: Connection @
351.07 ft

385.00: Deviation Survey
385.00 ft, Deviation 4 deg,
Direction 96.6 deg



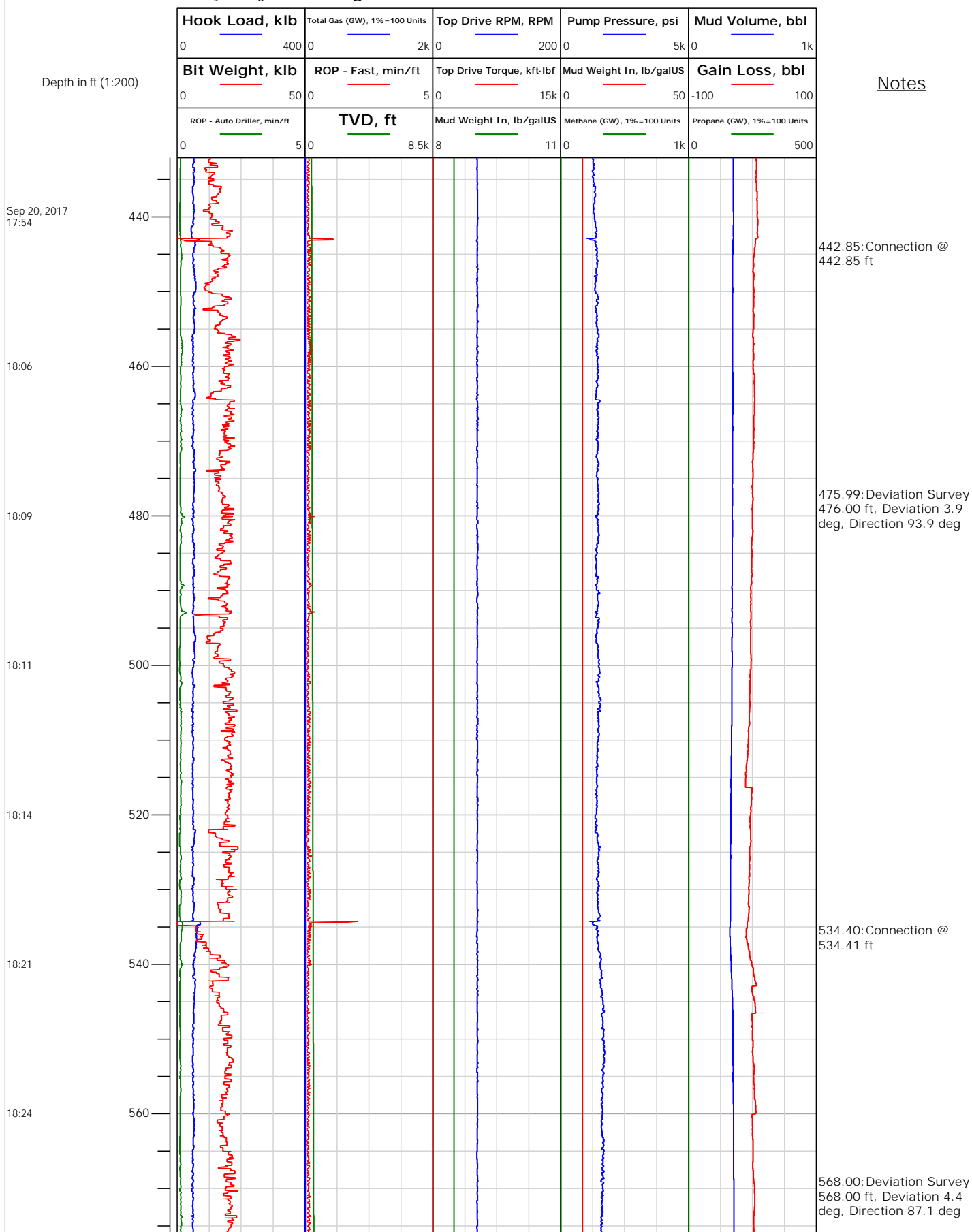
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





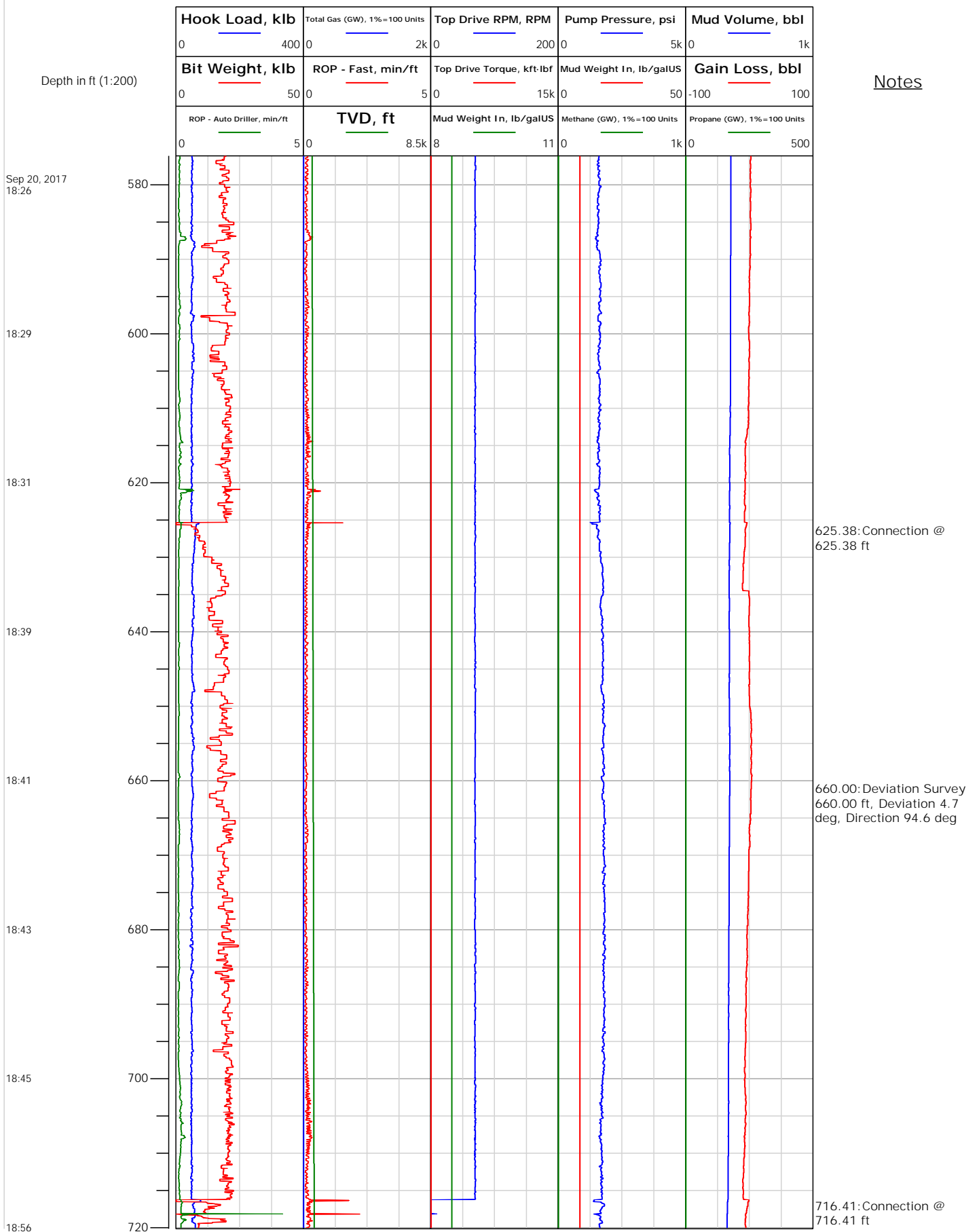
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





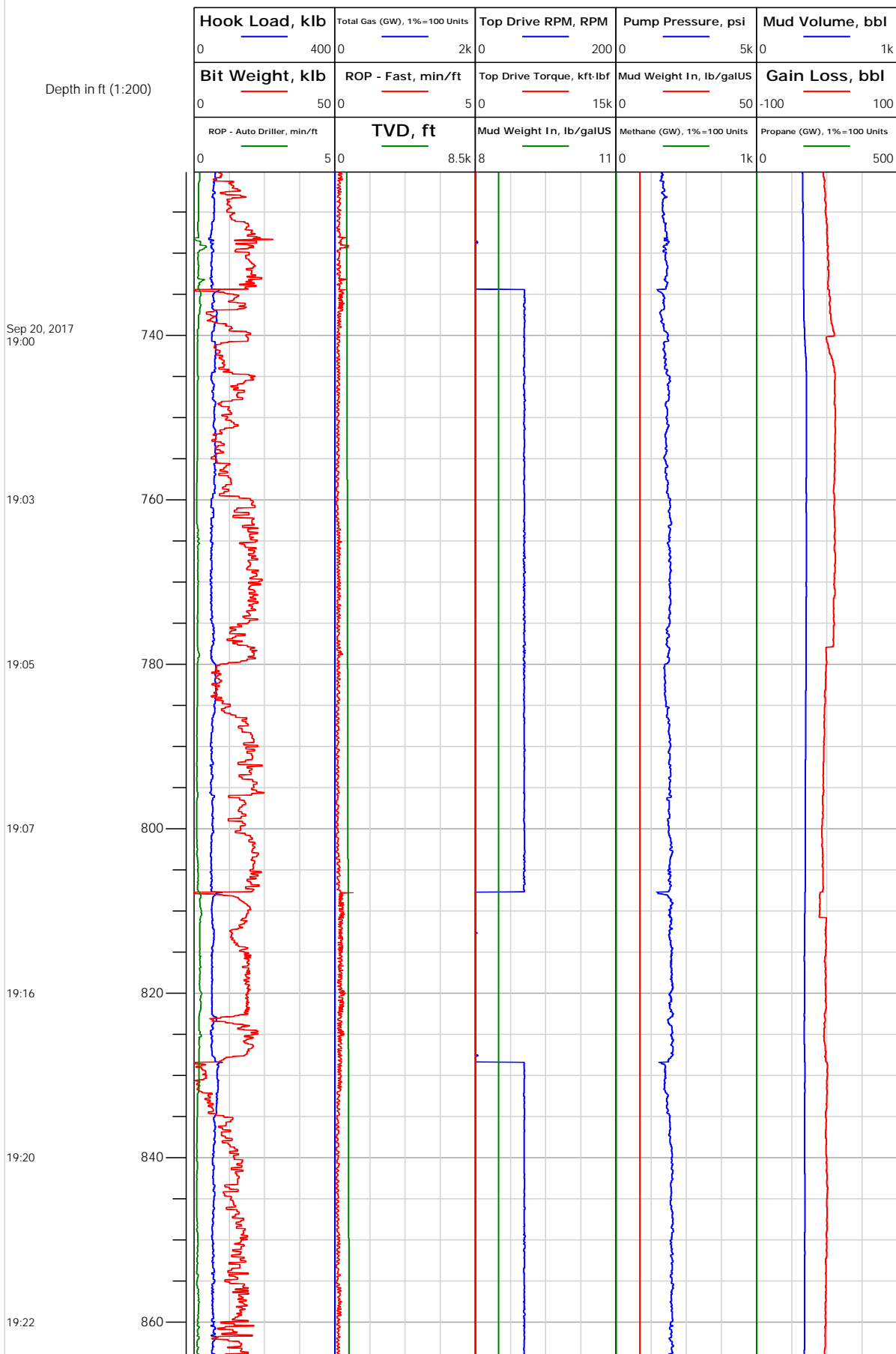
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





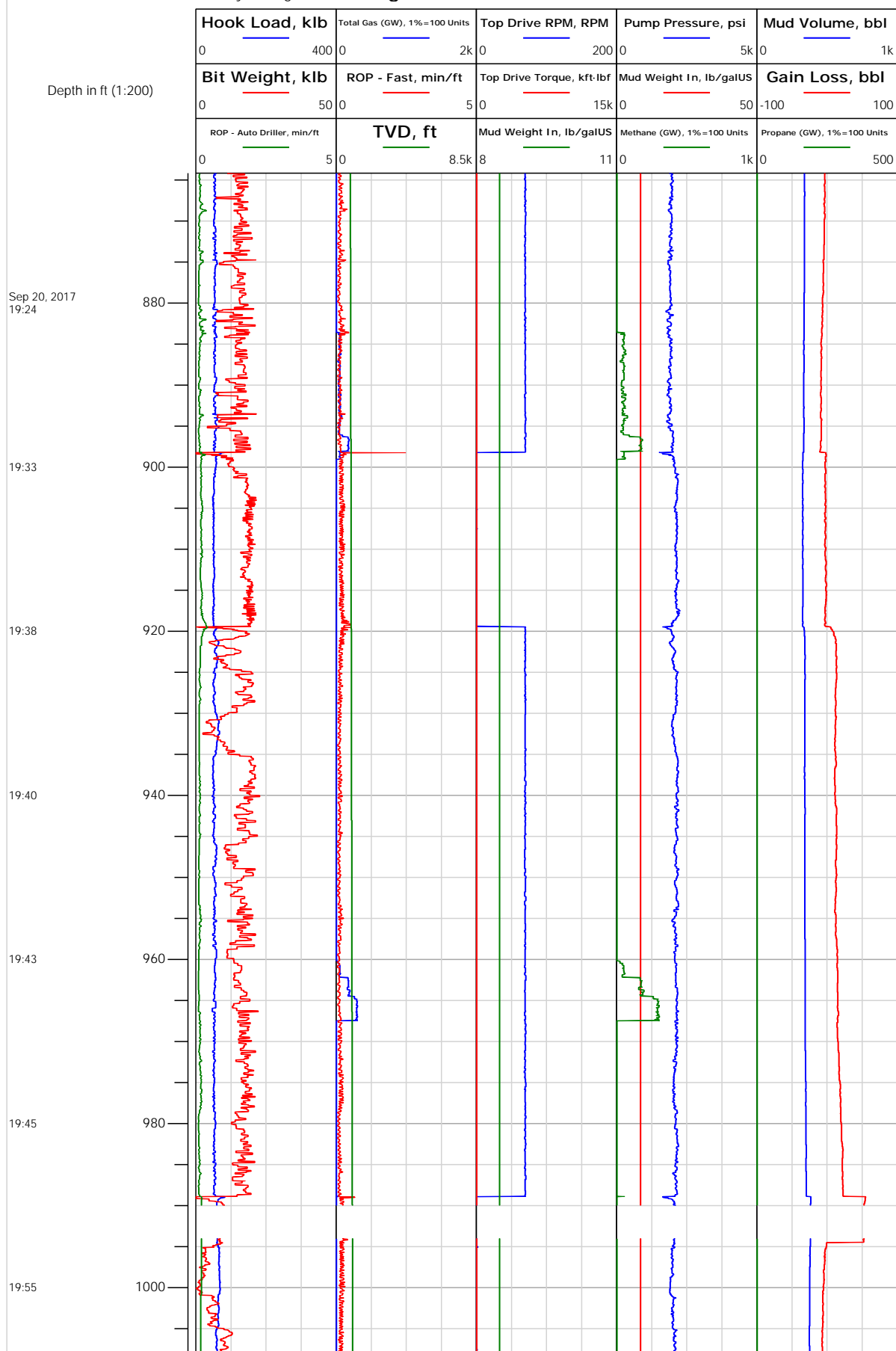
Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





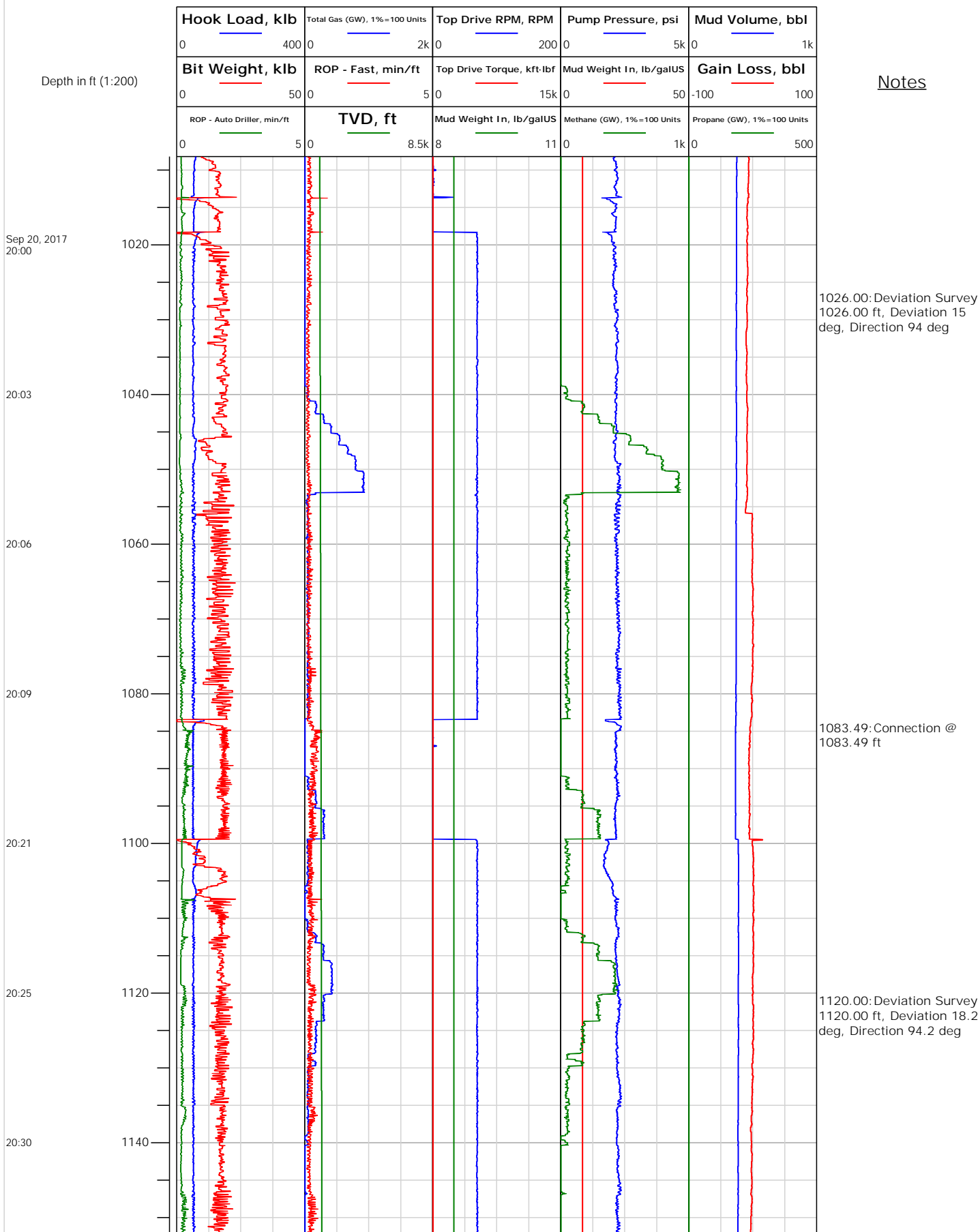
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





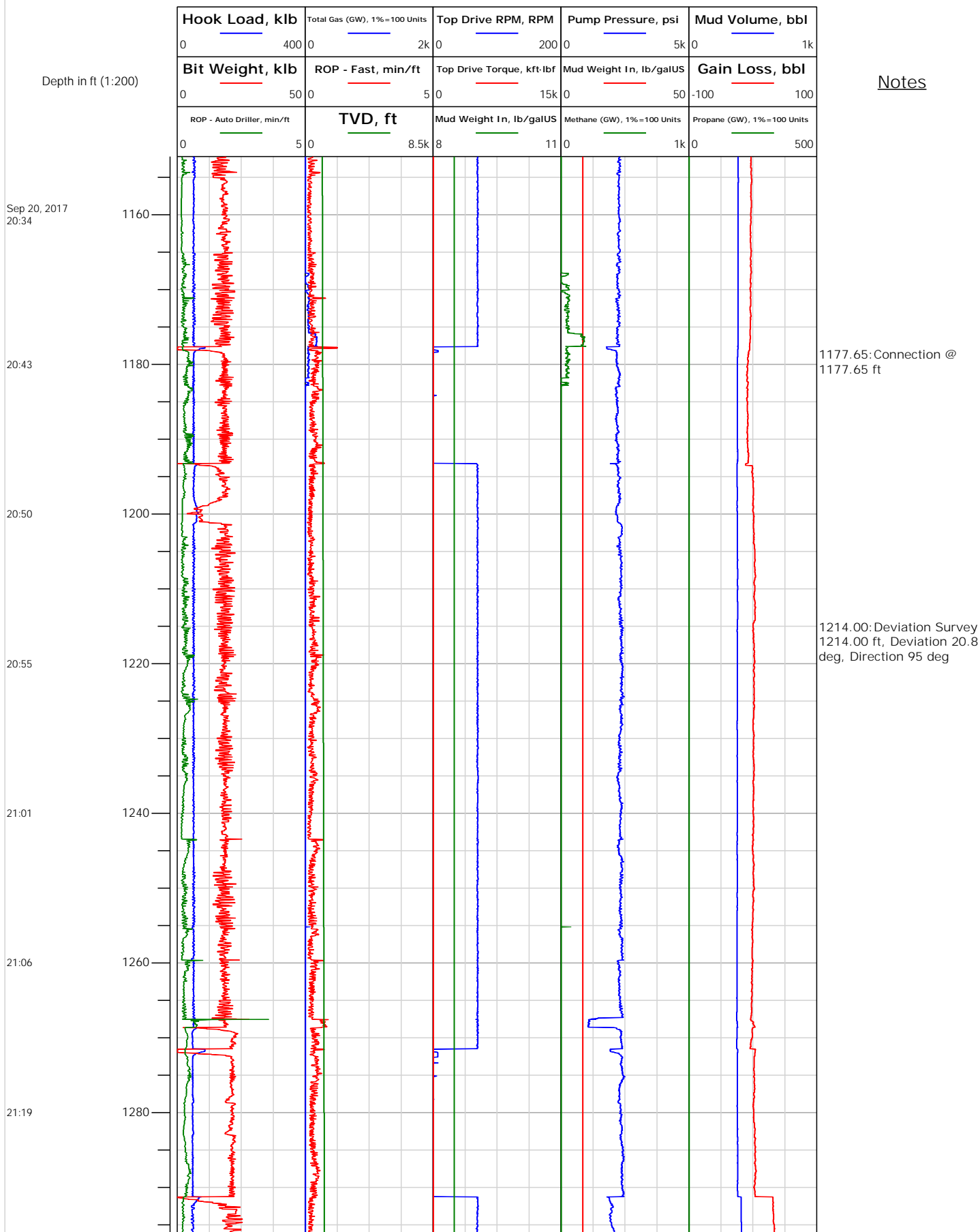
Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes

Sep 20, 2017
21:27

21:33

21:37

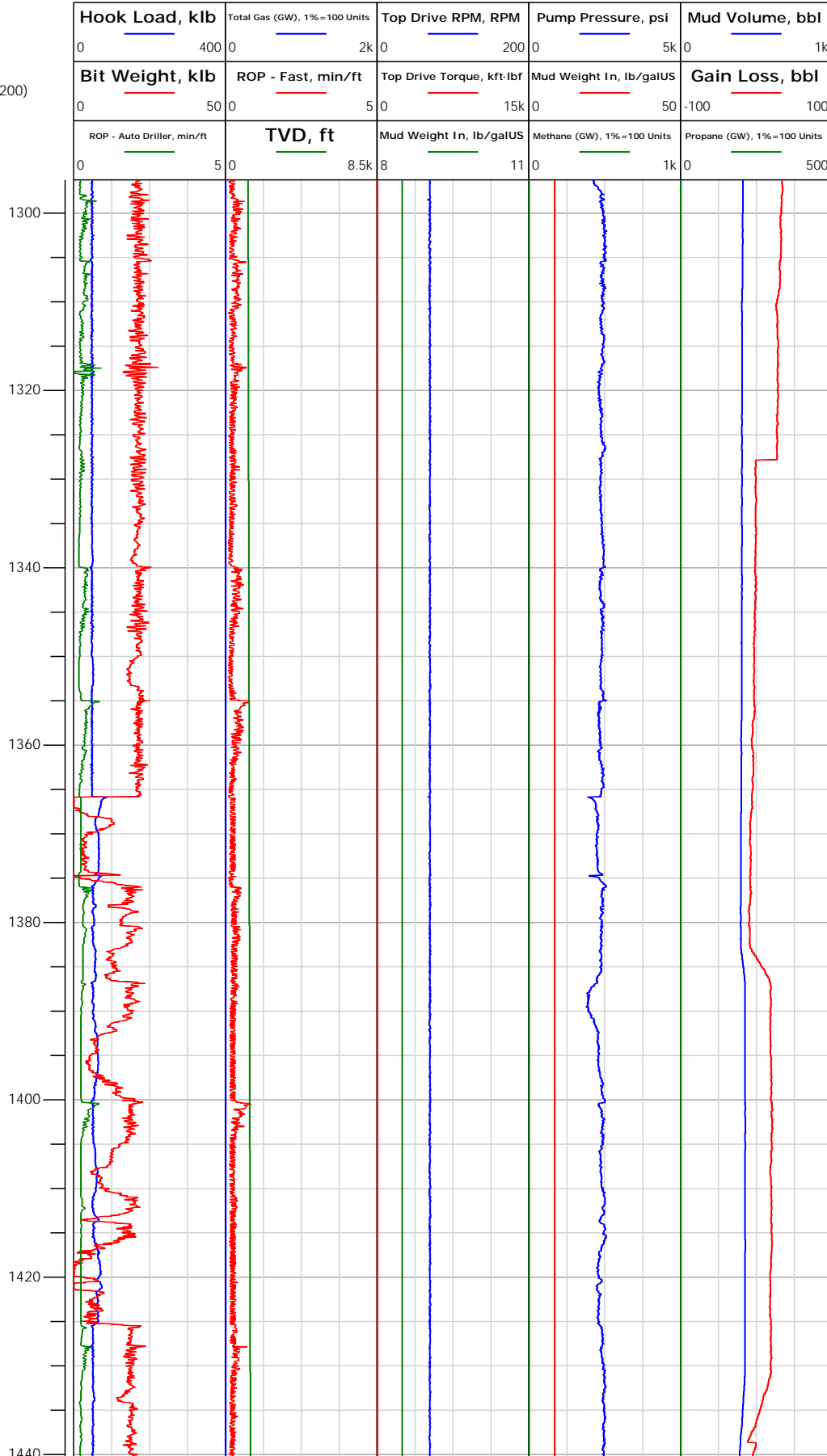
21:43

21:54

22:00

22:05

22:11



1308.00: Deviation Survey
1308.00 ft, Deviation 23.9 deg, Direction 94.1 deg

1402.00: Deviation Survey
1402.00 ft, Deviation 24.5 deg, Direction 94.3 deg



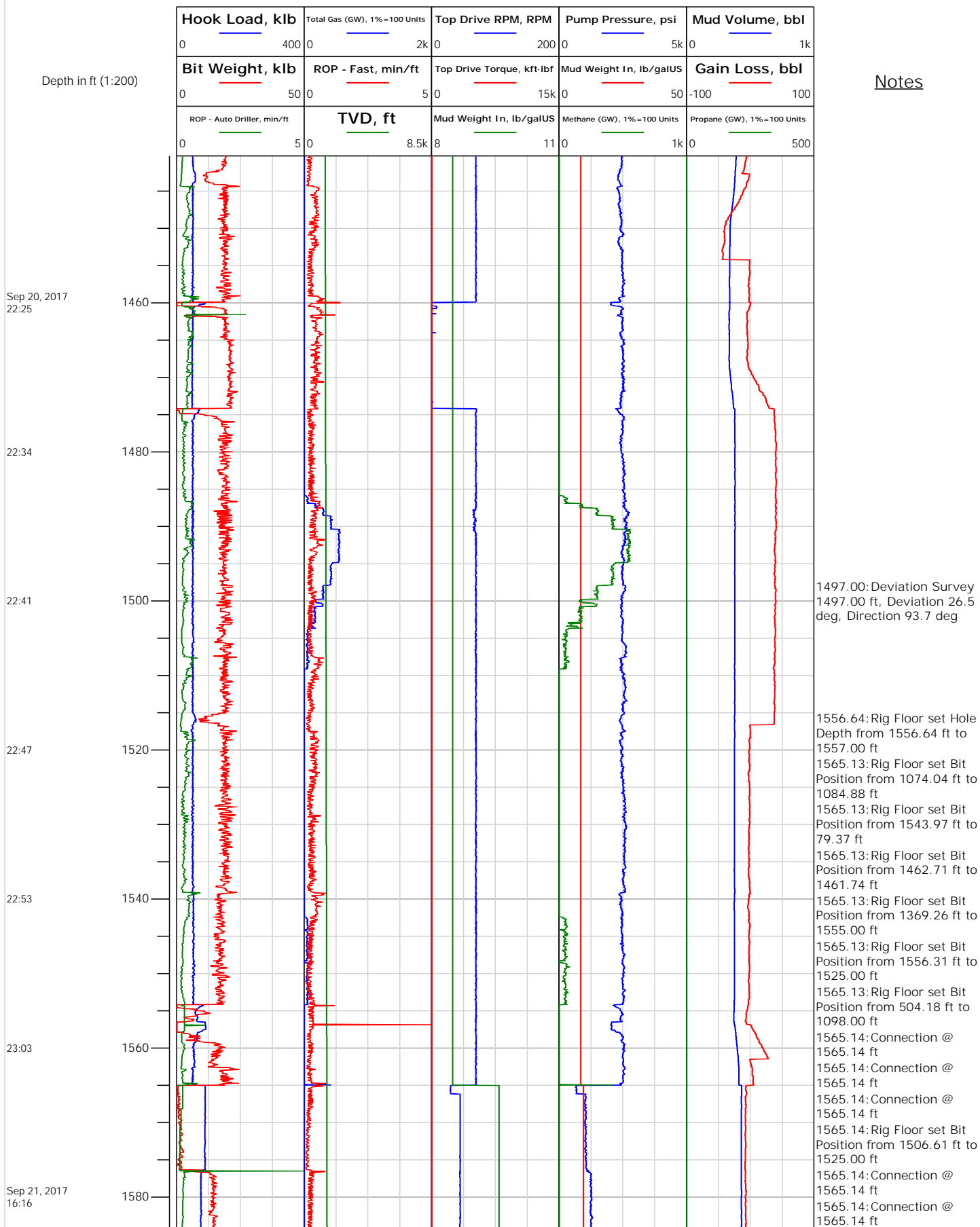
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





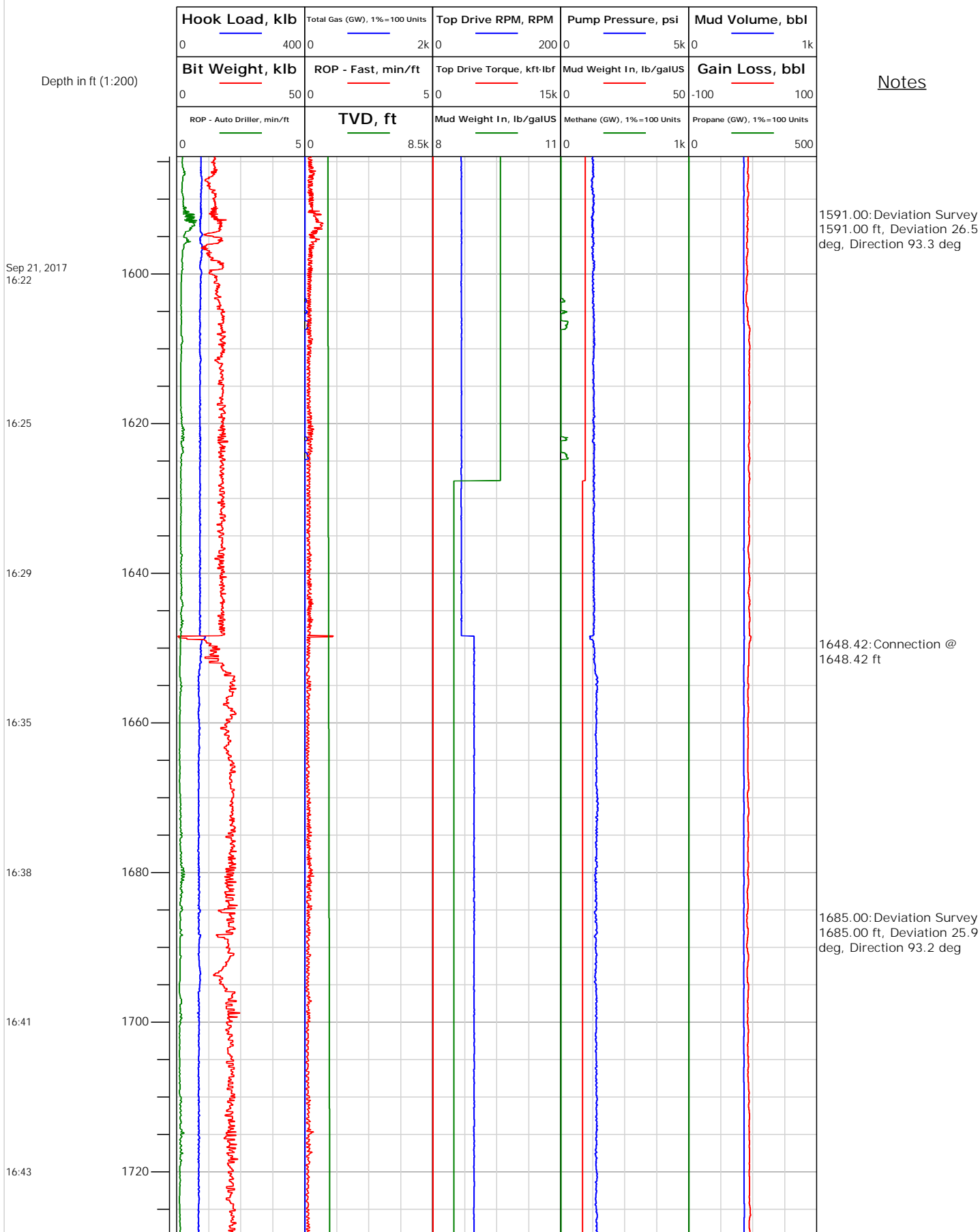
Electronic Drilling Recorder

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Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





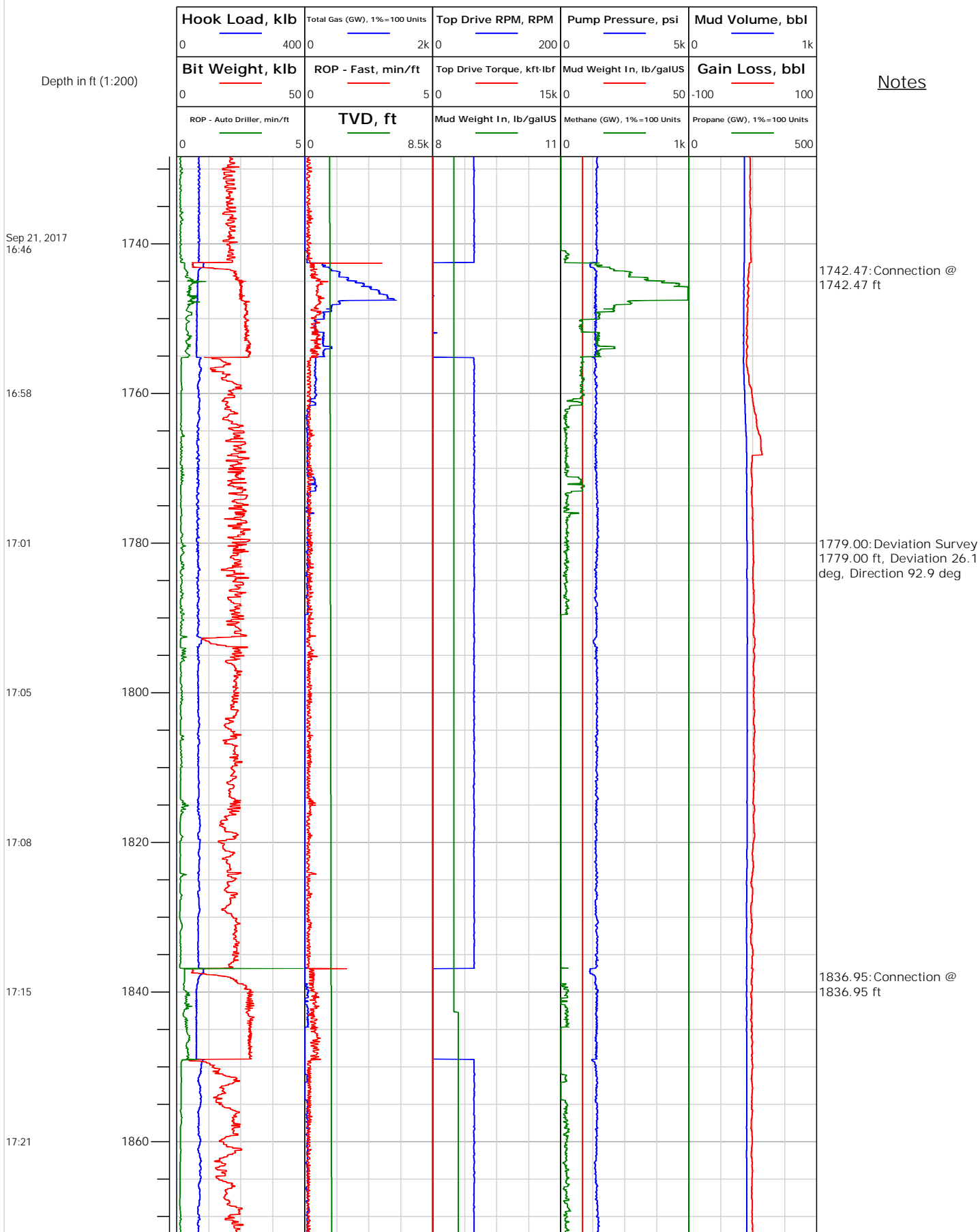
Electronic Drilling Recorder

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Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





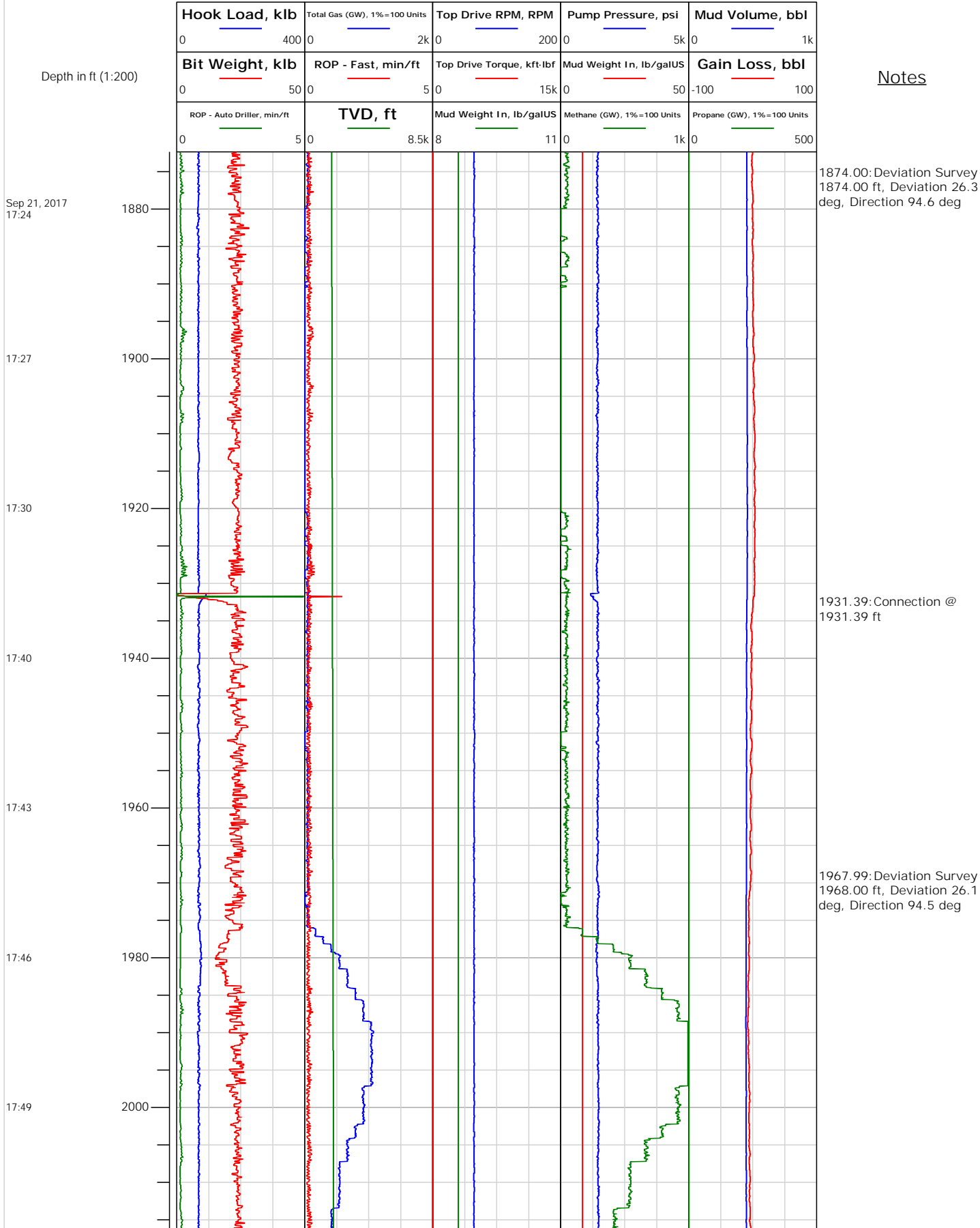
Electronic Drilling Recorder

Operator: Laramie Energy
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Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes

Sep 21, 2017
17:52

18:01

18:05

18:07

18:11

18:22

18:31

18:34

2020

2040

2060

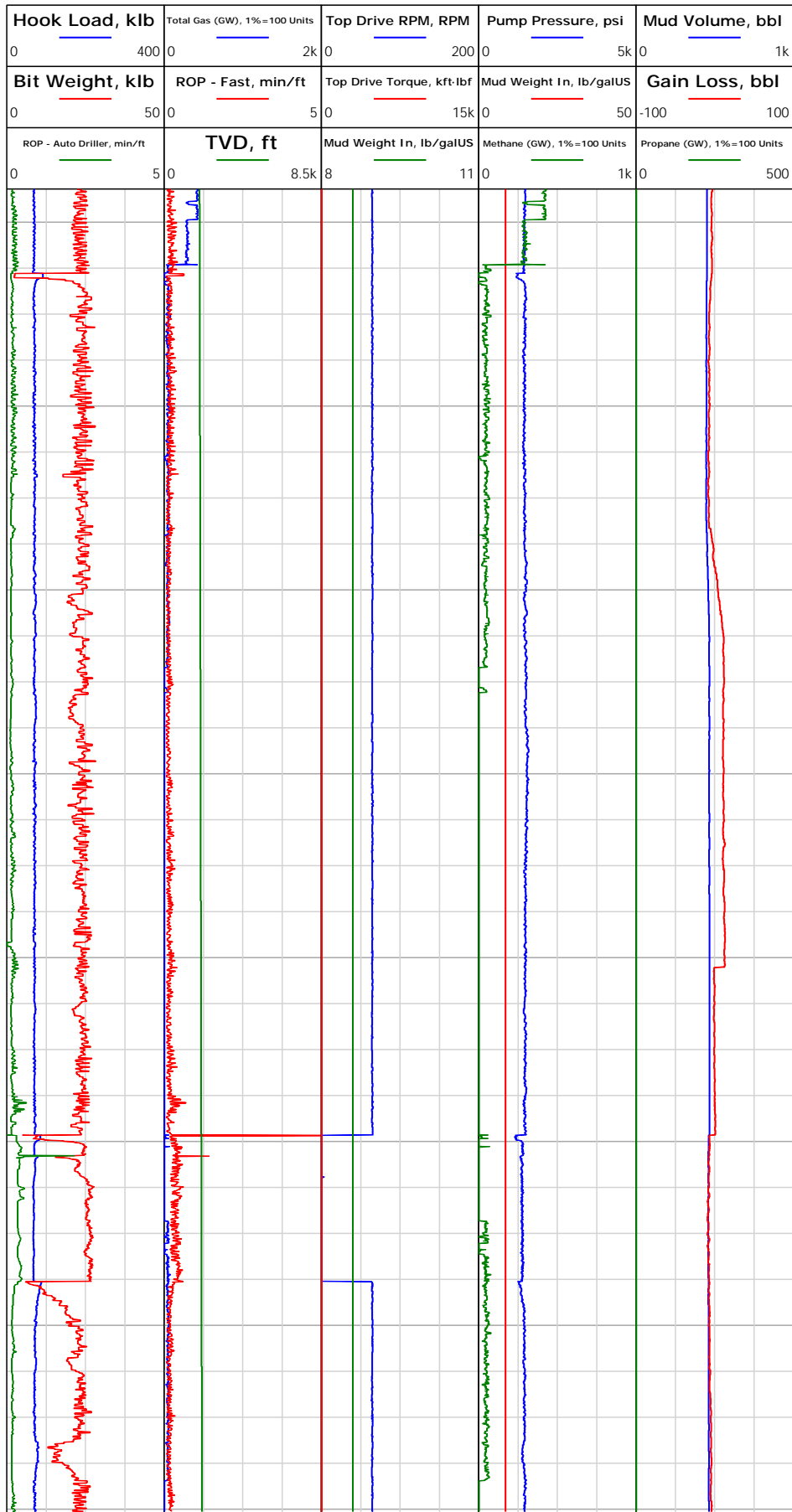
2080

2100

2120

2140

2160



2027.00: Rig Floor set Hole
Depth from 2025.55 ft to
2026.98 ft

2062.00: Deviation Survey
2062.00 ft, Deviation 25.2
deg, Direction 94.1 deg

2119.42: Connection @
2119.42 ft

2156.00: Deviation Survey
2156.00 ft, Deviation 25.4
deg, Direction 93.5 deg



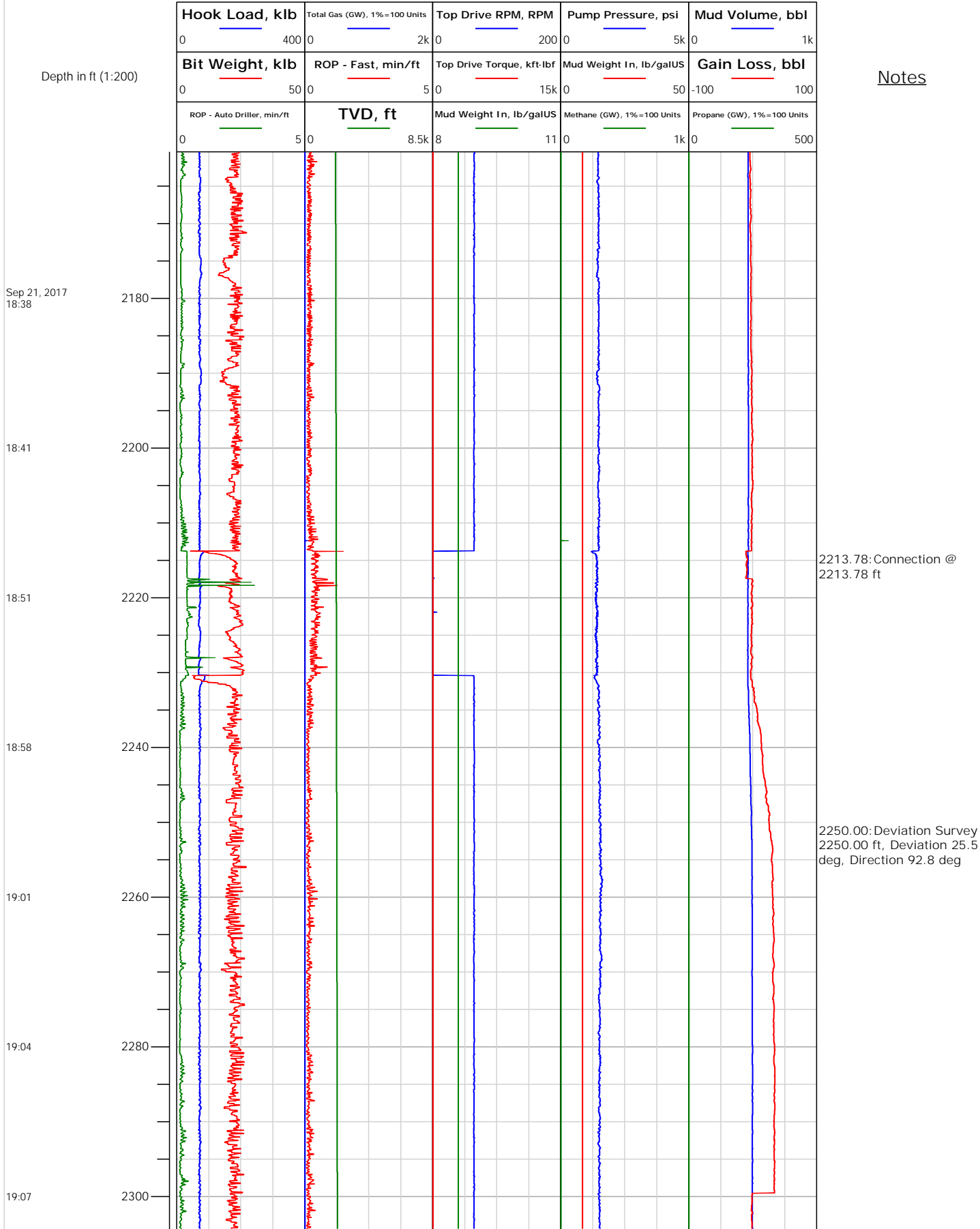
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Depth in ft (1:200)

Notes

Sep 21, 2017
19:18

19:26

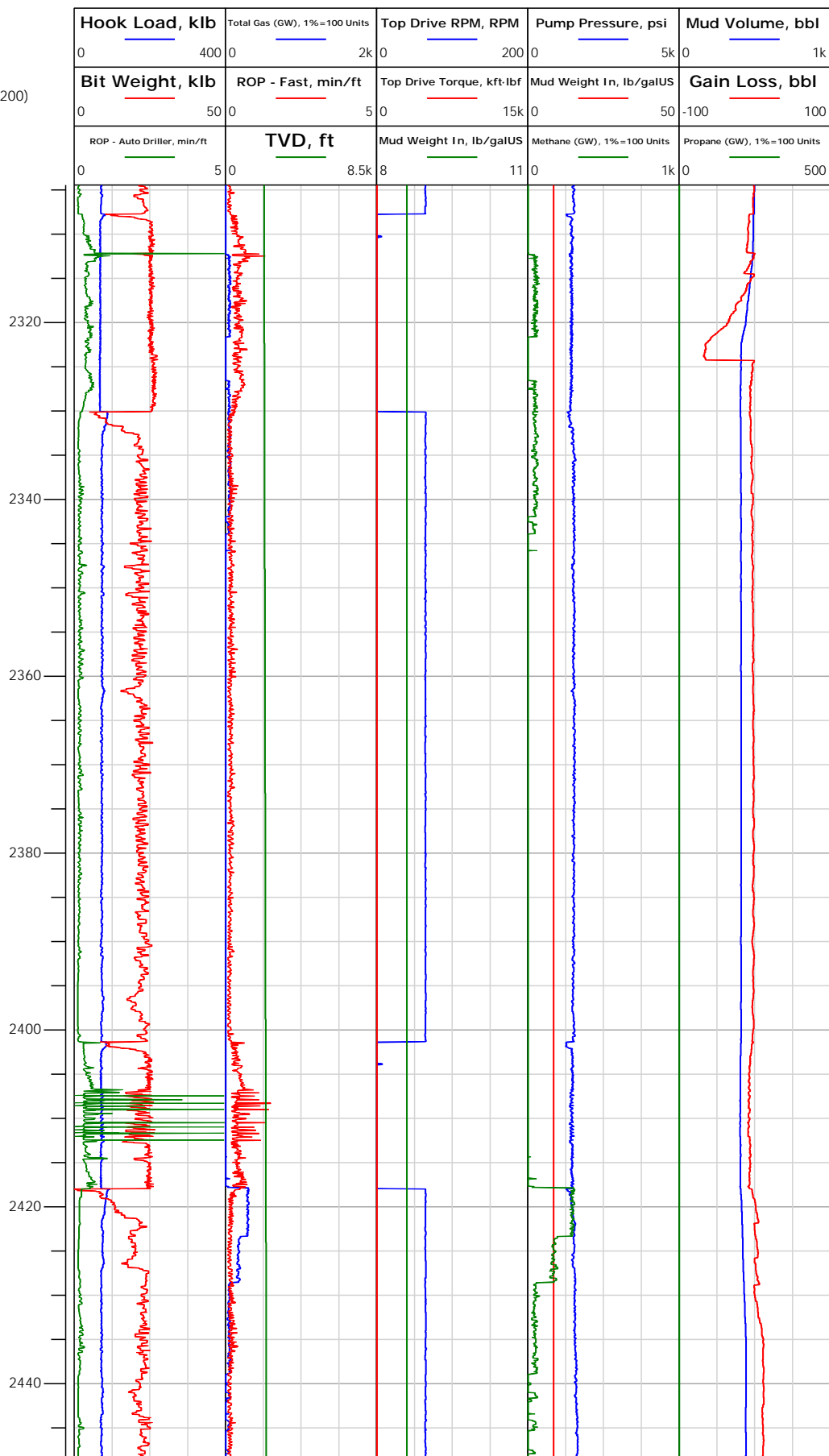
19:29

19:32

19:35

19:49

19:52



2307.69: Connection @
2307.69 ft

2345.00: Deviation Survey
2345.00 ft, Deviation 26
deg, Direction 93.1 deg

2401.48: Connection @
2401.48 ft

2439.00: Deviation Survey
2439.00 ft, Deviation 25.6
deg, Direction 94.1 deg



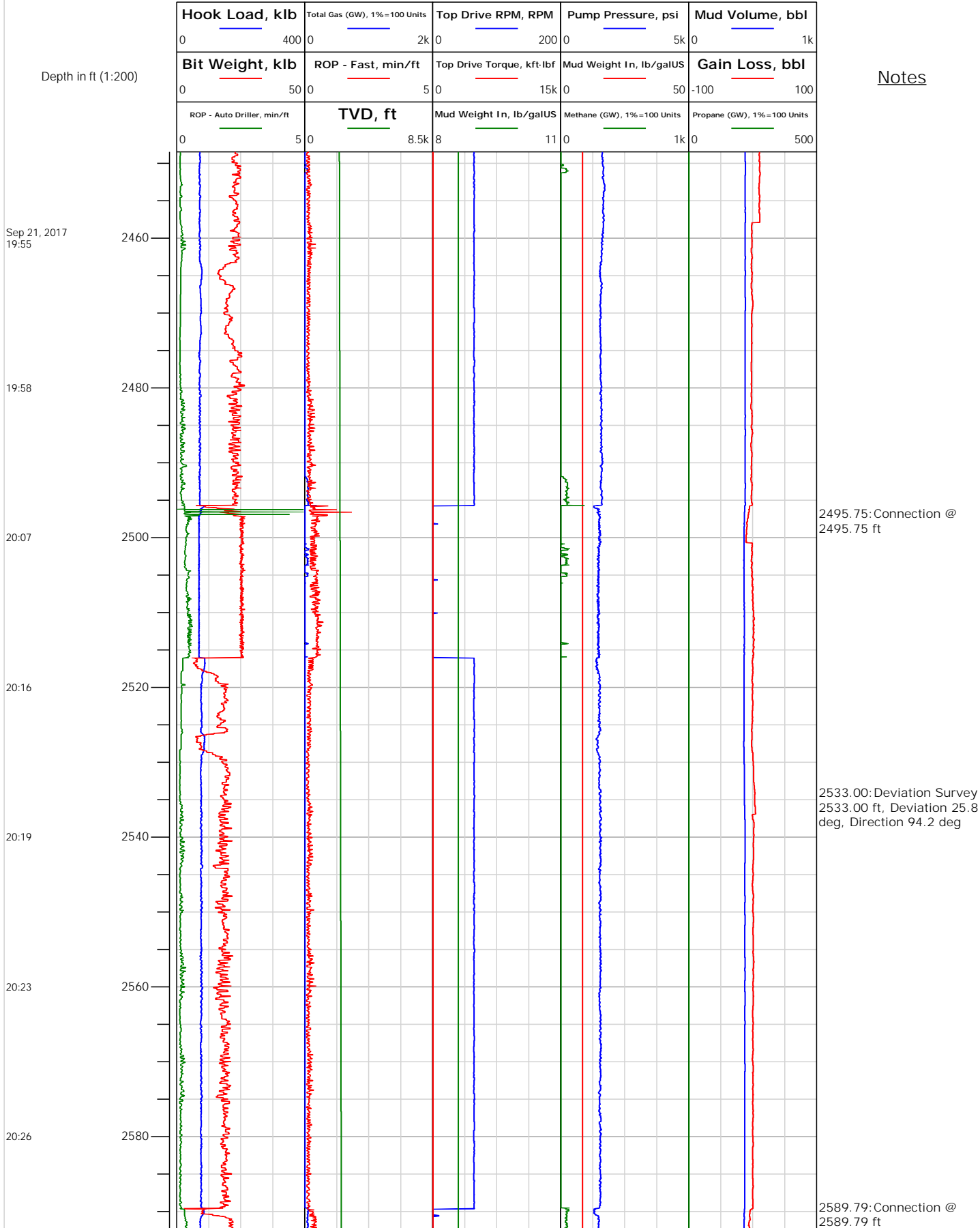
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





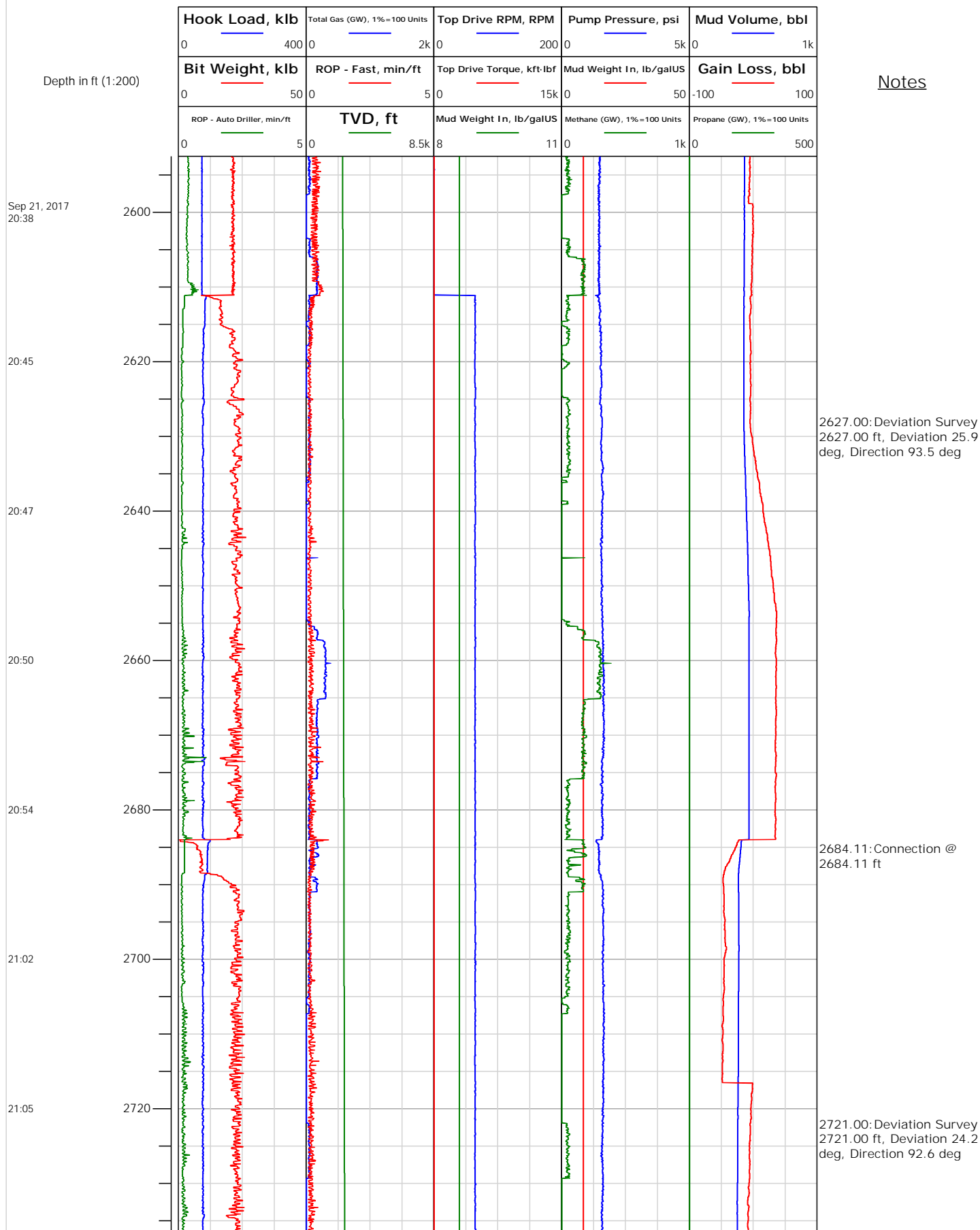
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes

Sep 21, 2017
21:09

21:12

21:22

21:26

21:29

21:32

21:35

21:43

2740

2760

2780

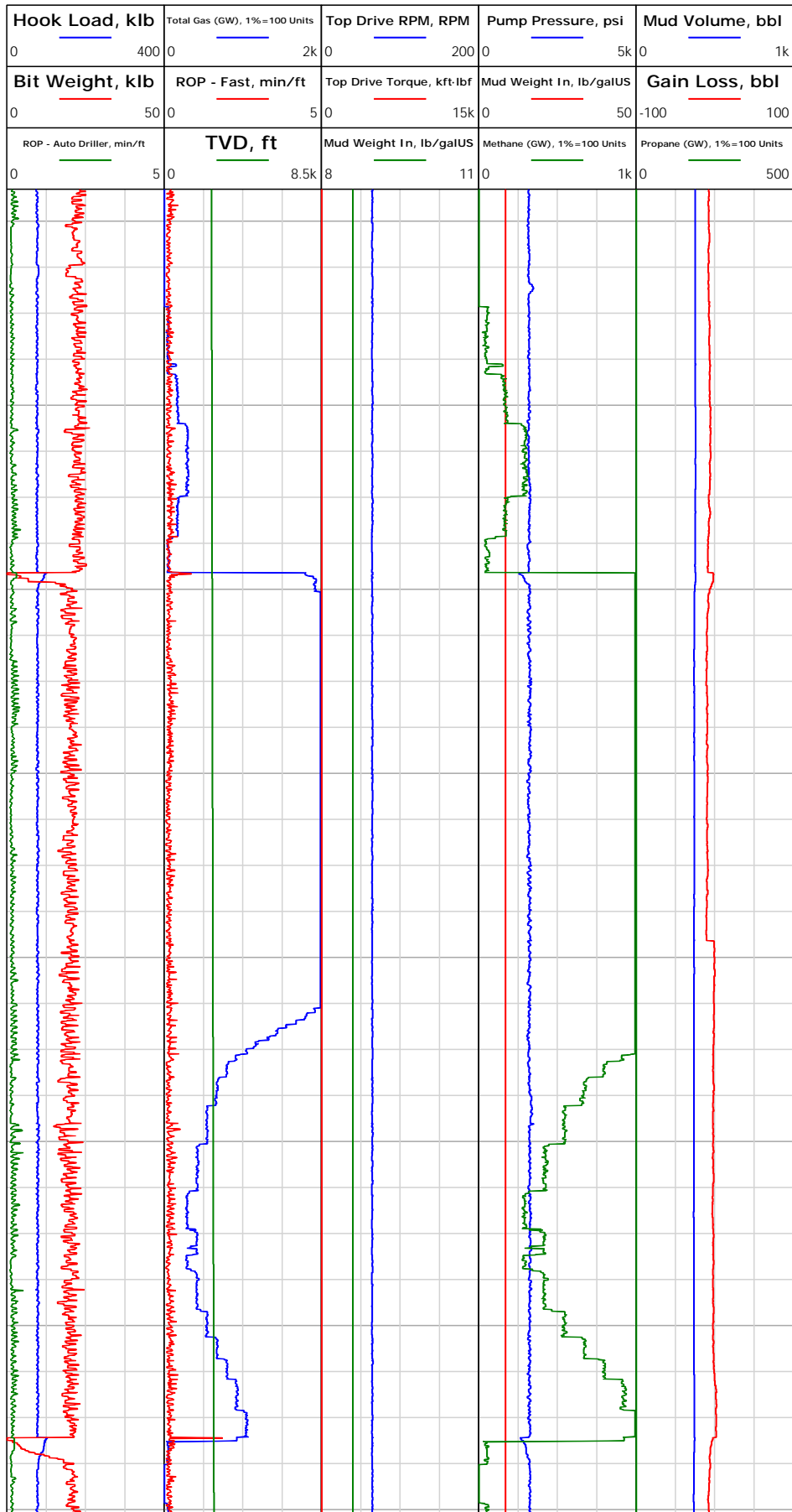
2800

2820

2840

2860

2880



2778.22: Connection @
2778.22 ft

2816.00: Deviation Survey
2816.00 ft, Deviation 22.9
deg, Direction 92.1 deg

2872.33: Connection @
2872.33 ft



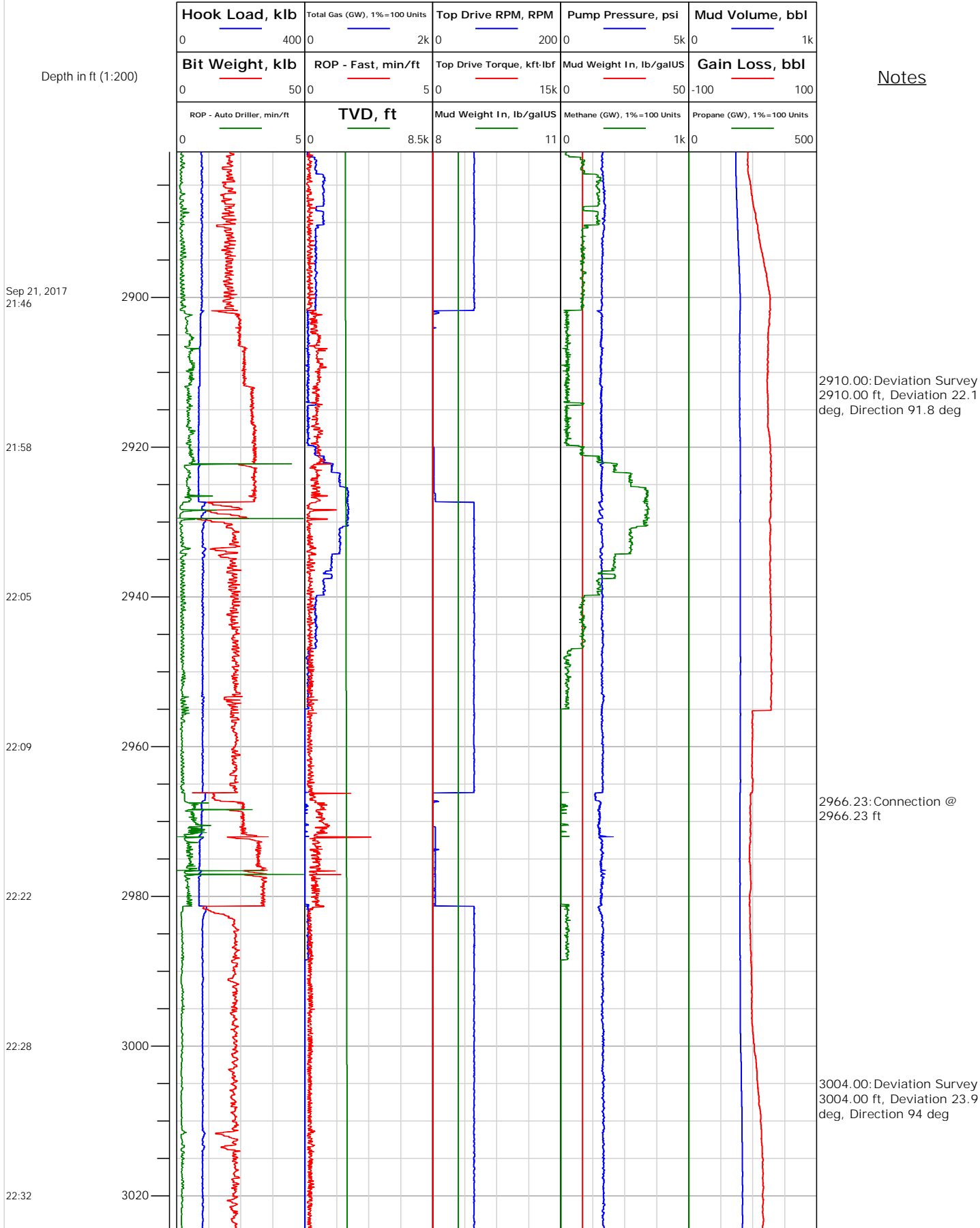
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





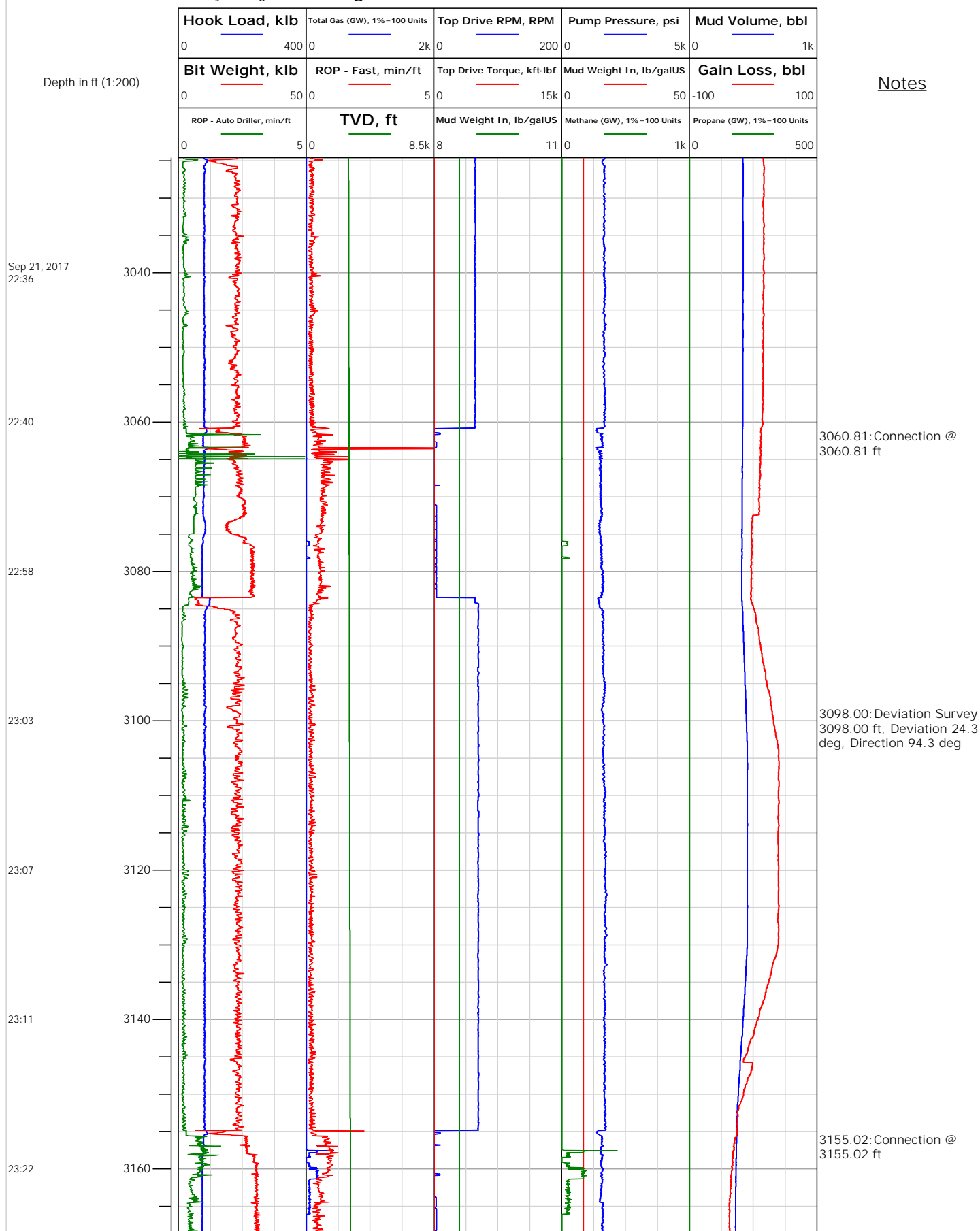
Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





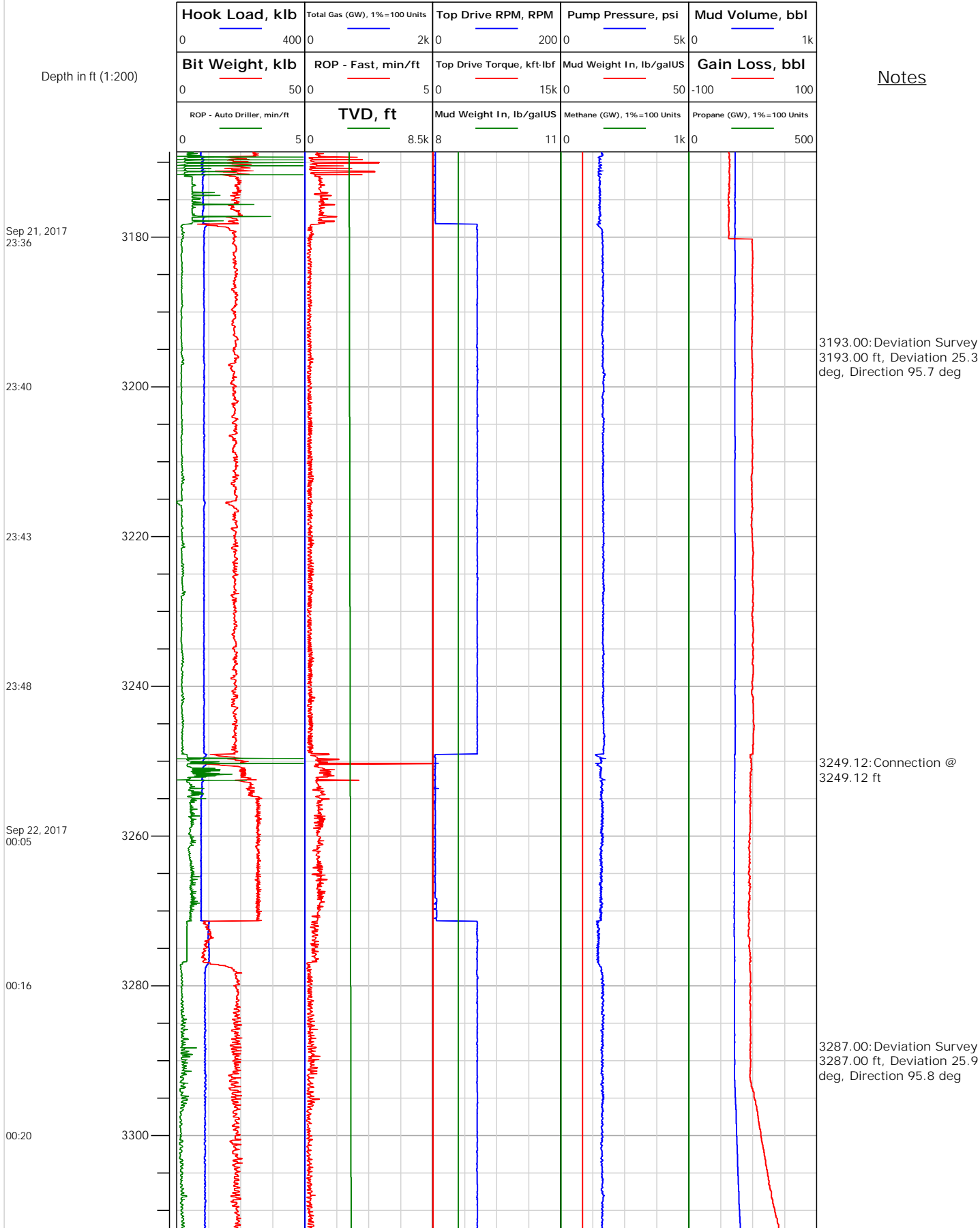
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





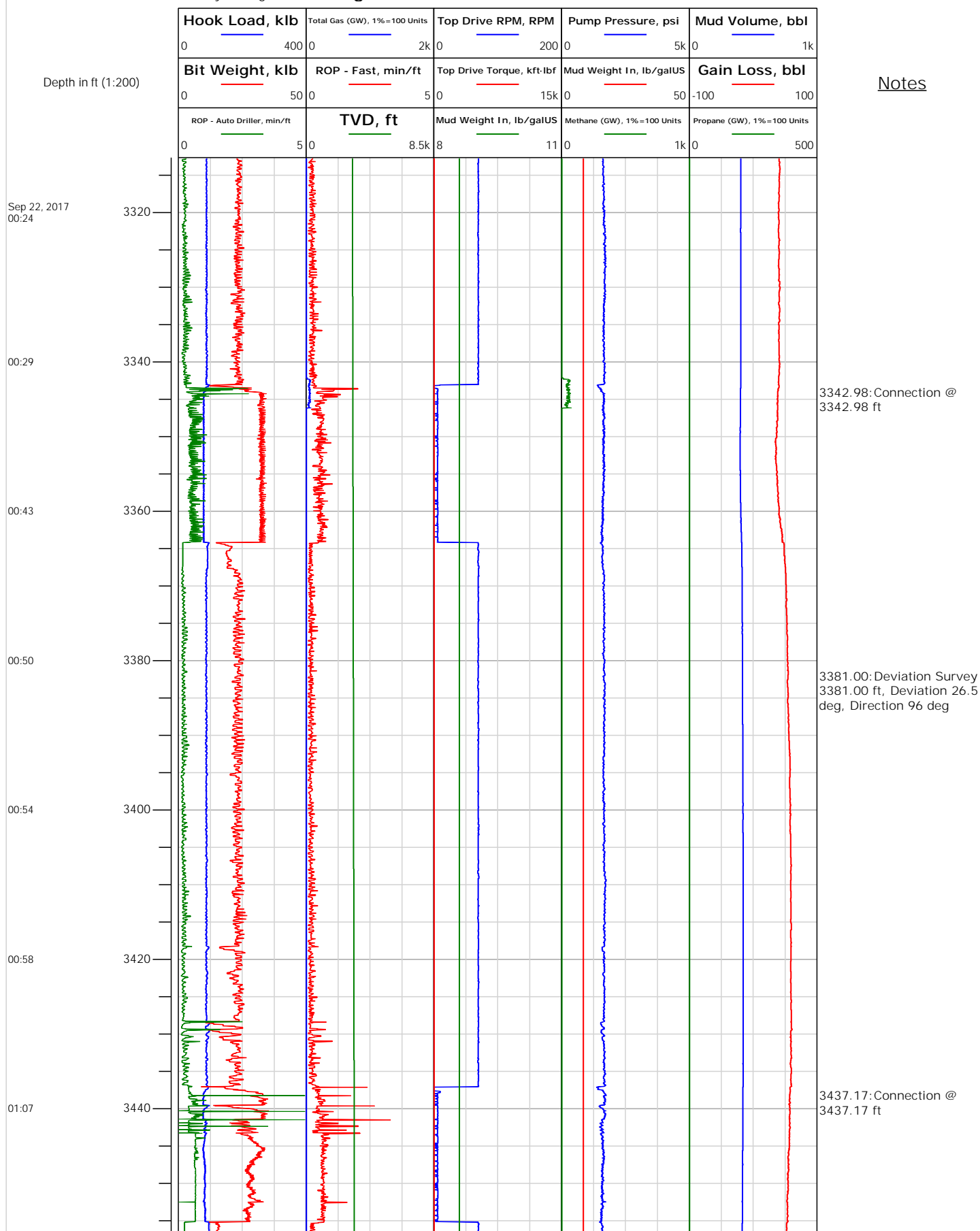
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





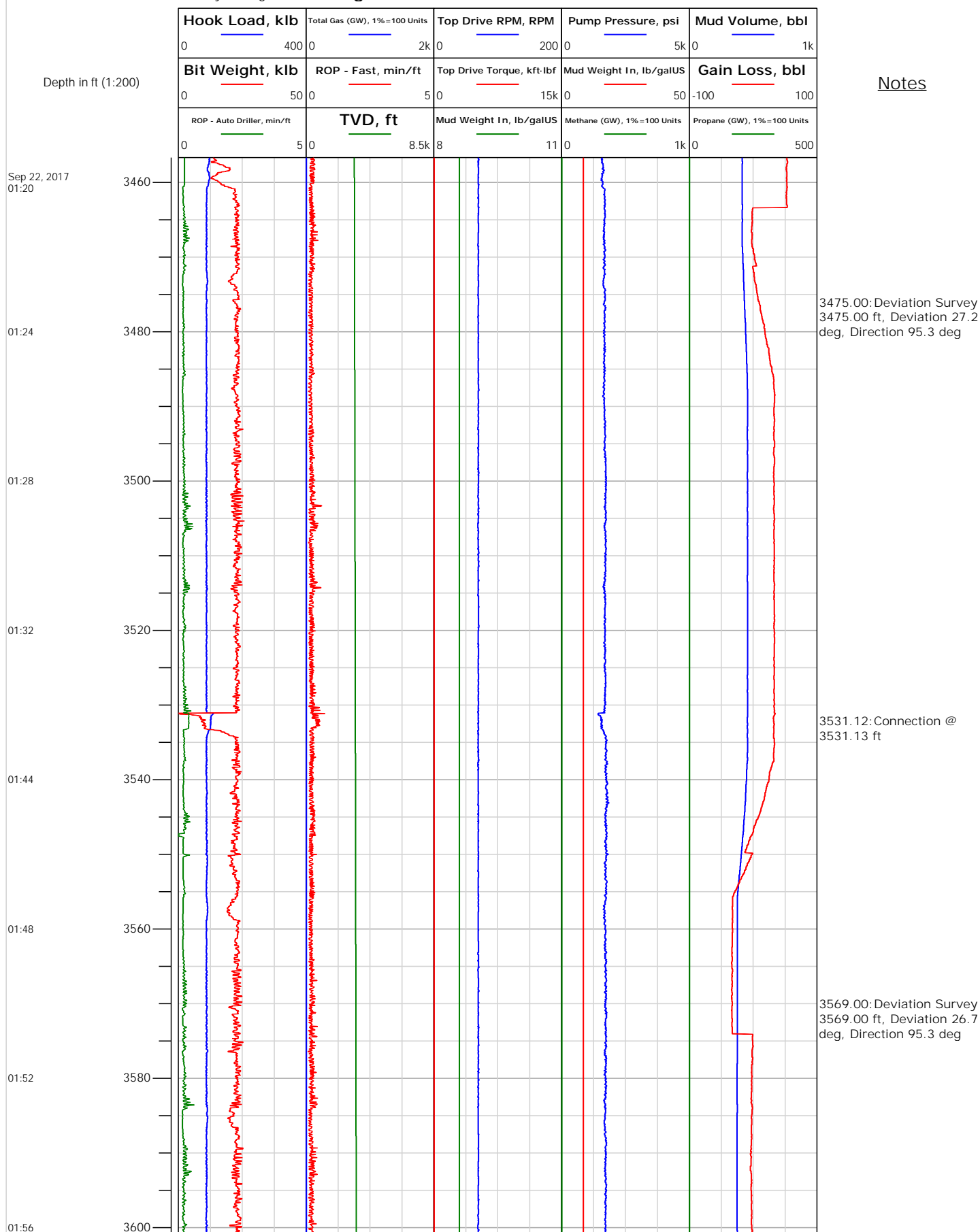
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Depth in ft (1:200)

Notes

Sep 22, 2017
02:00

02:18

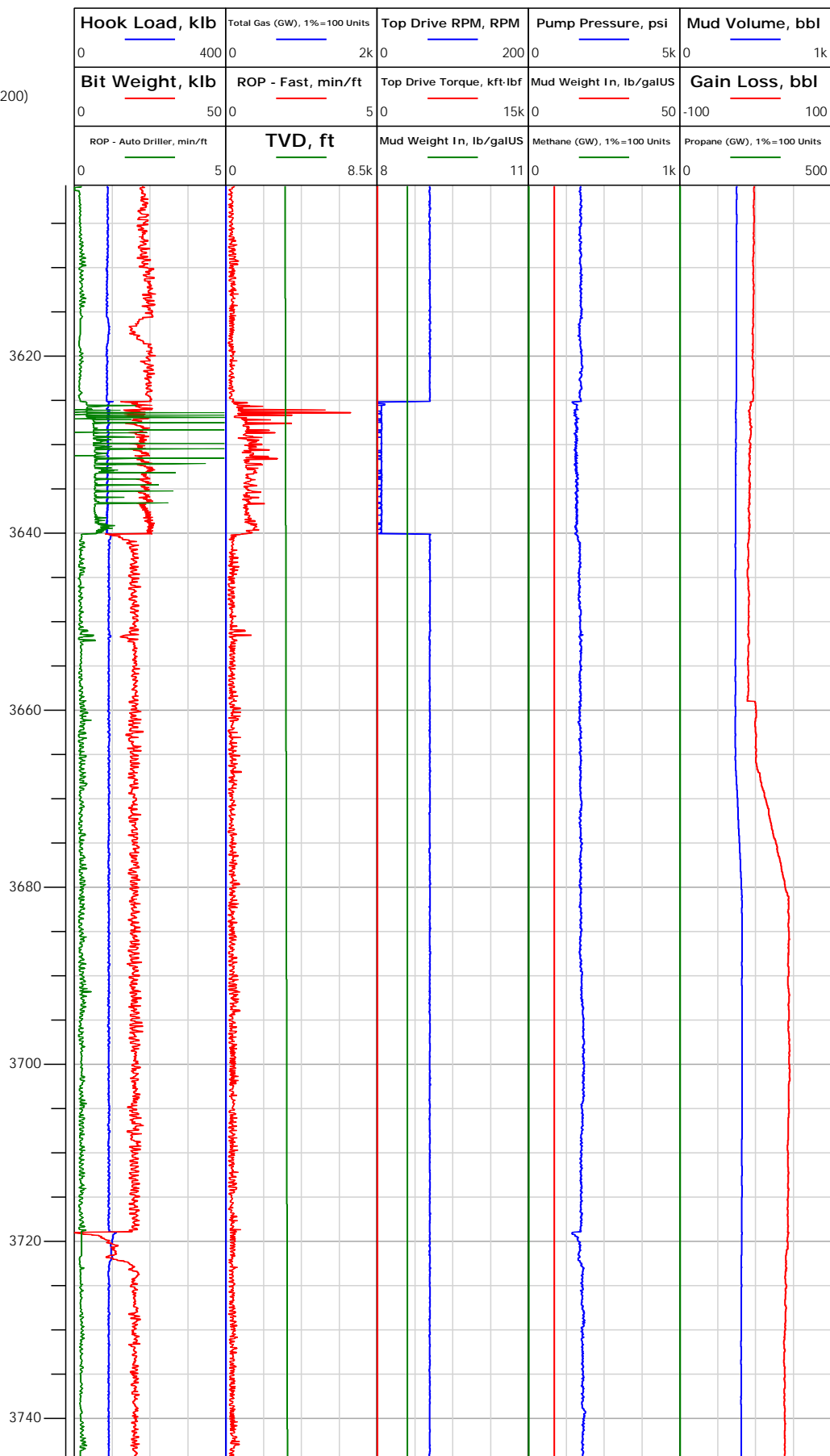
02:23

02:27

02:32

02:40

02:45



3625.11: Connection @
3625.11 ft

3664.00: Deviation Survey
3664.00 ft, Deviation 26.7
deg, Direction 94.4 deg

3719.06: Connection @
3719.07 ft



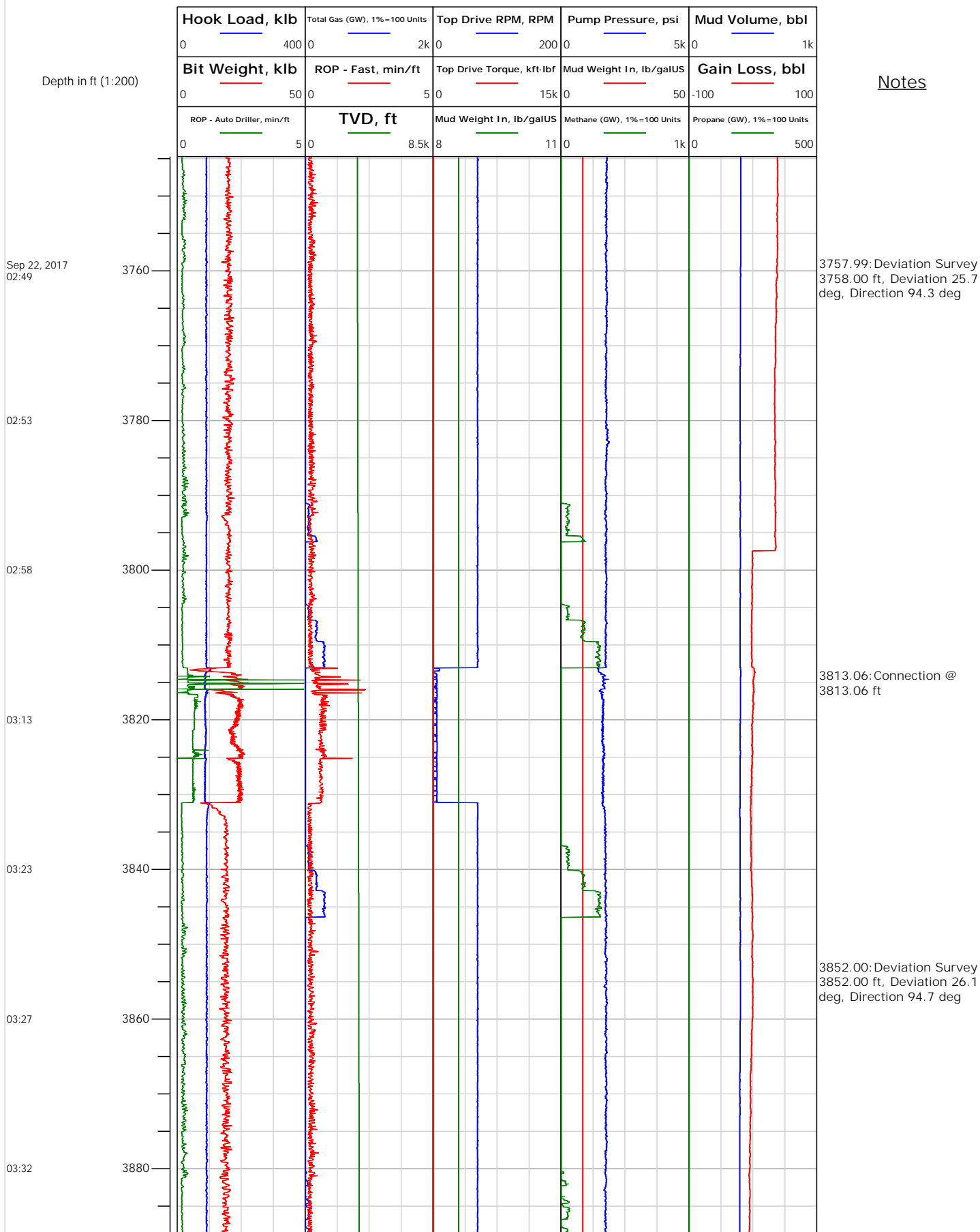
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





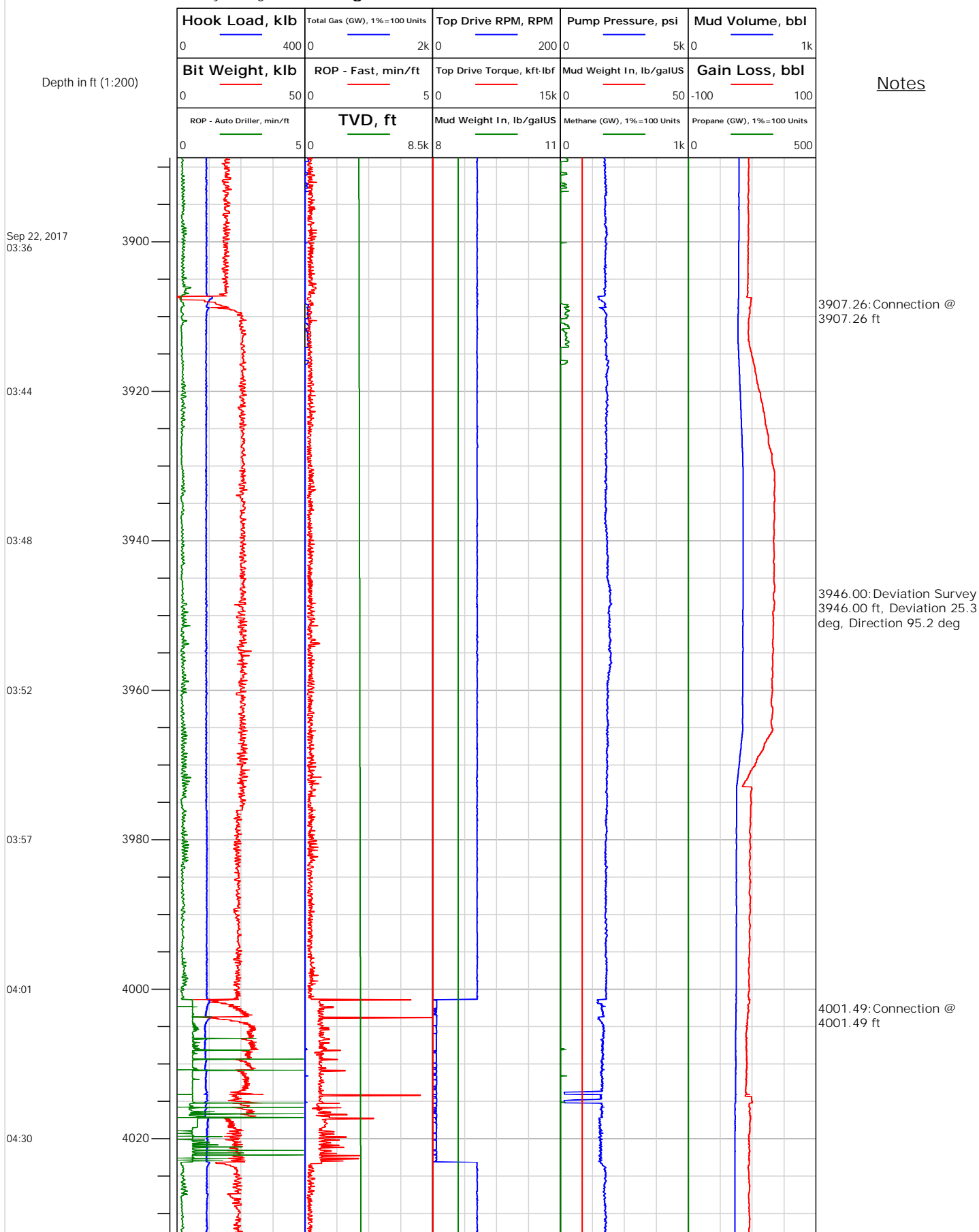
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





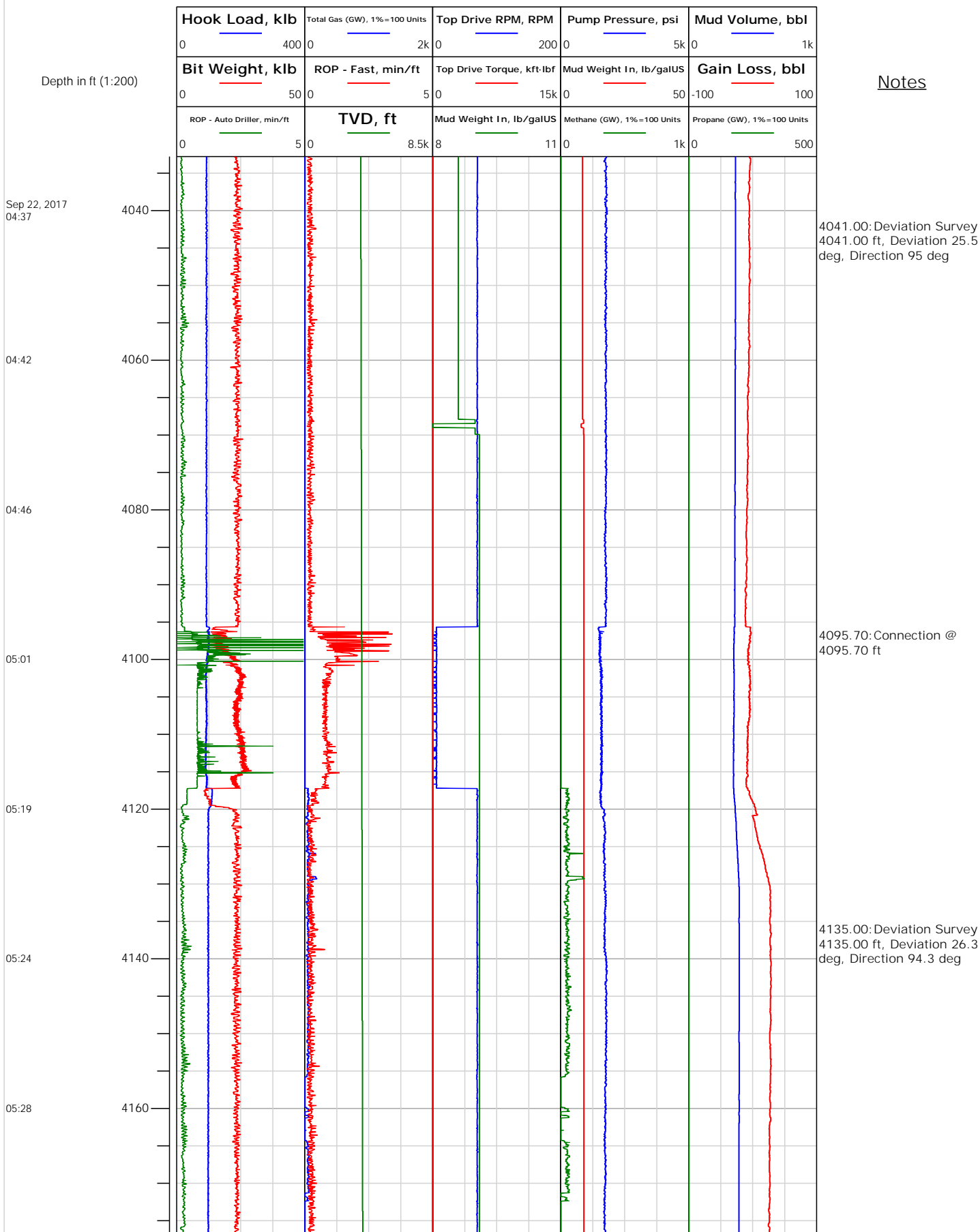
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





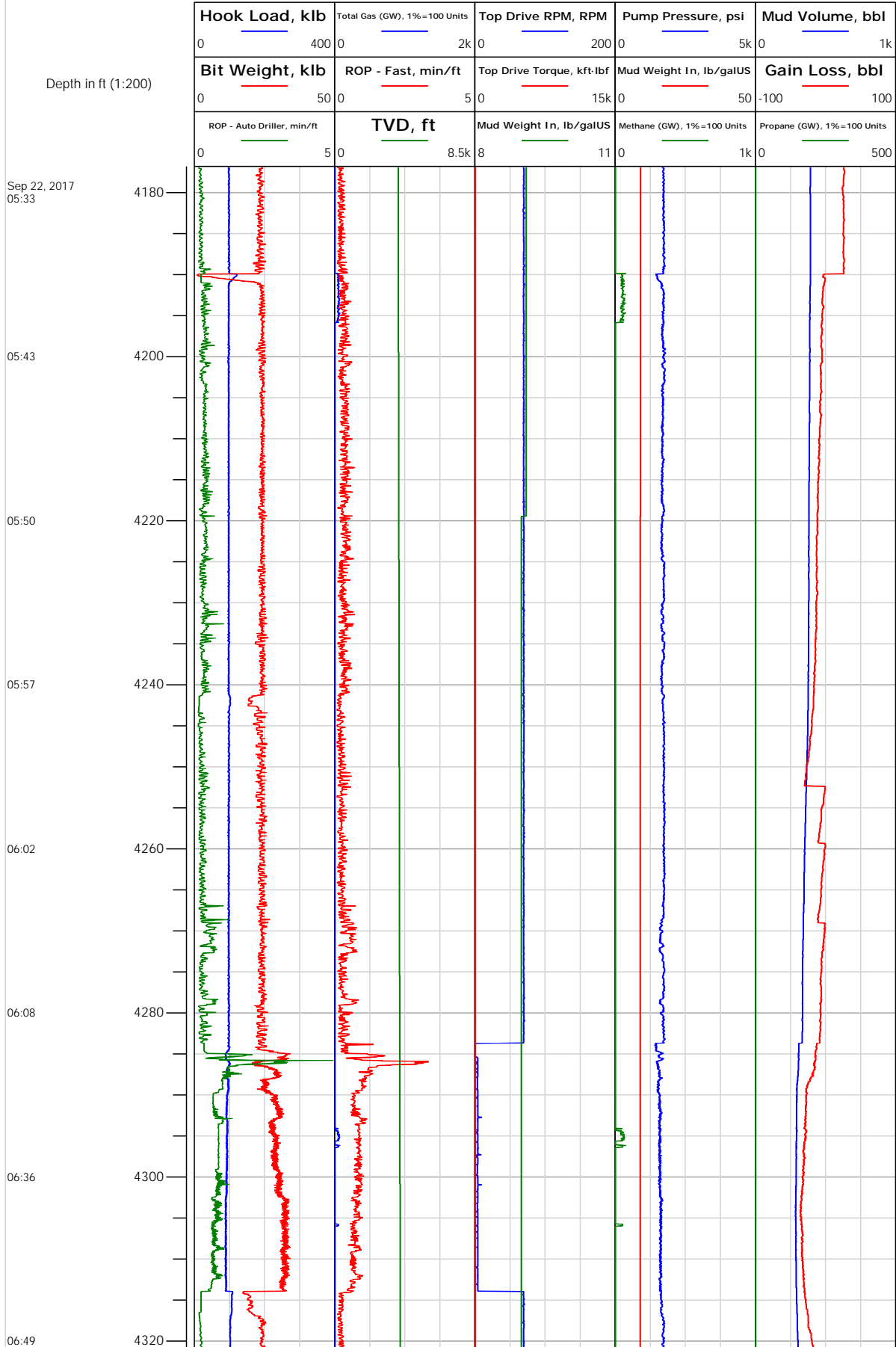
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Depth in ft (1:200)

Notes

Sep 22, 2017
06:54

06:58

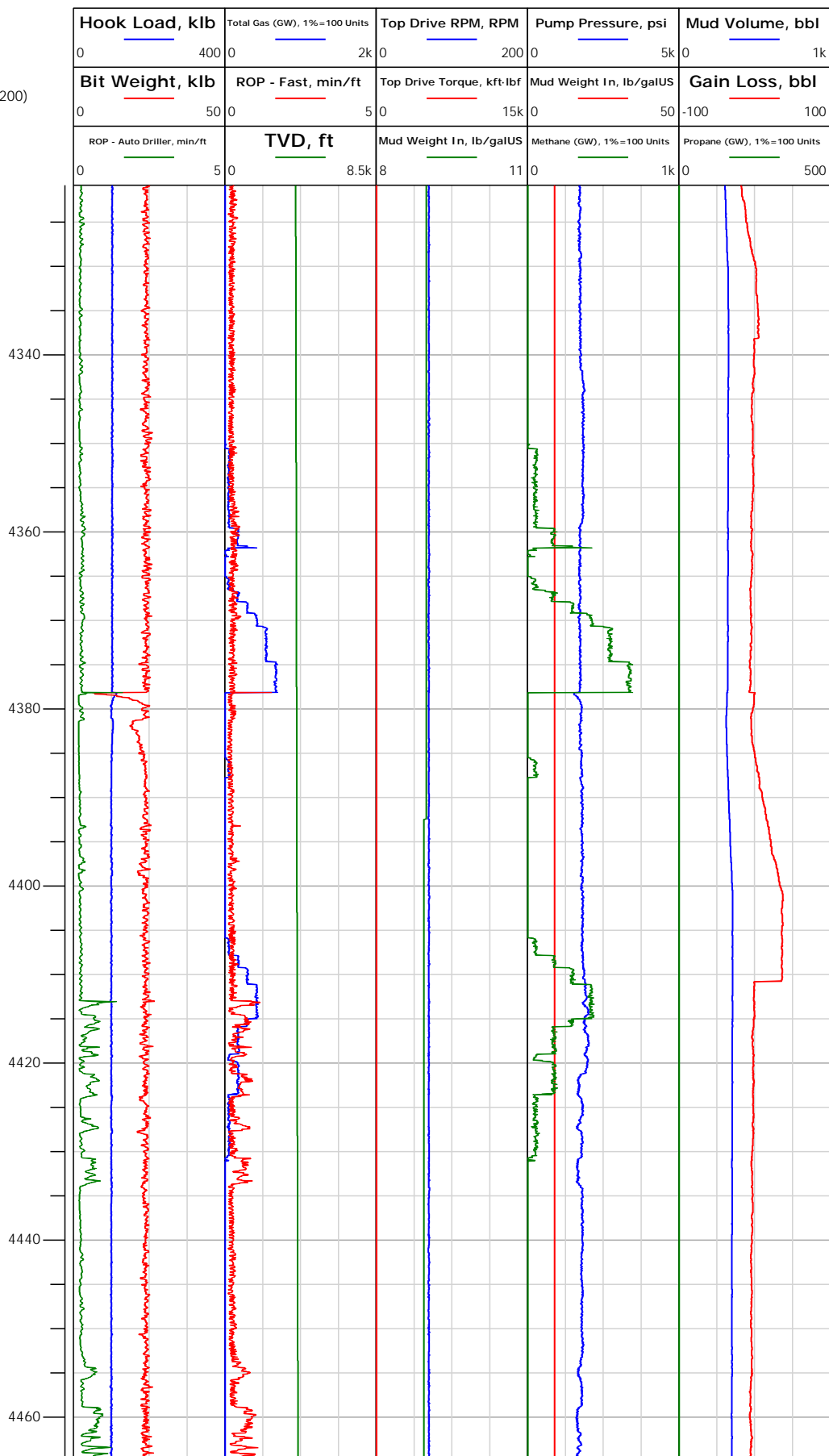
07:15

07:19

07:26

07:33

07:39



4324.00: Deviation Survey
 4324.00 ft, Deviation 26.3
 deg, Direction 94.9 deg

4378.19: Connection @
 4378.19 ft

4418.00: Deviation Survey
 4418.00 ft, Deviation 25.4
 deg, Direction 95.5 deg



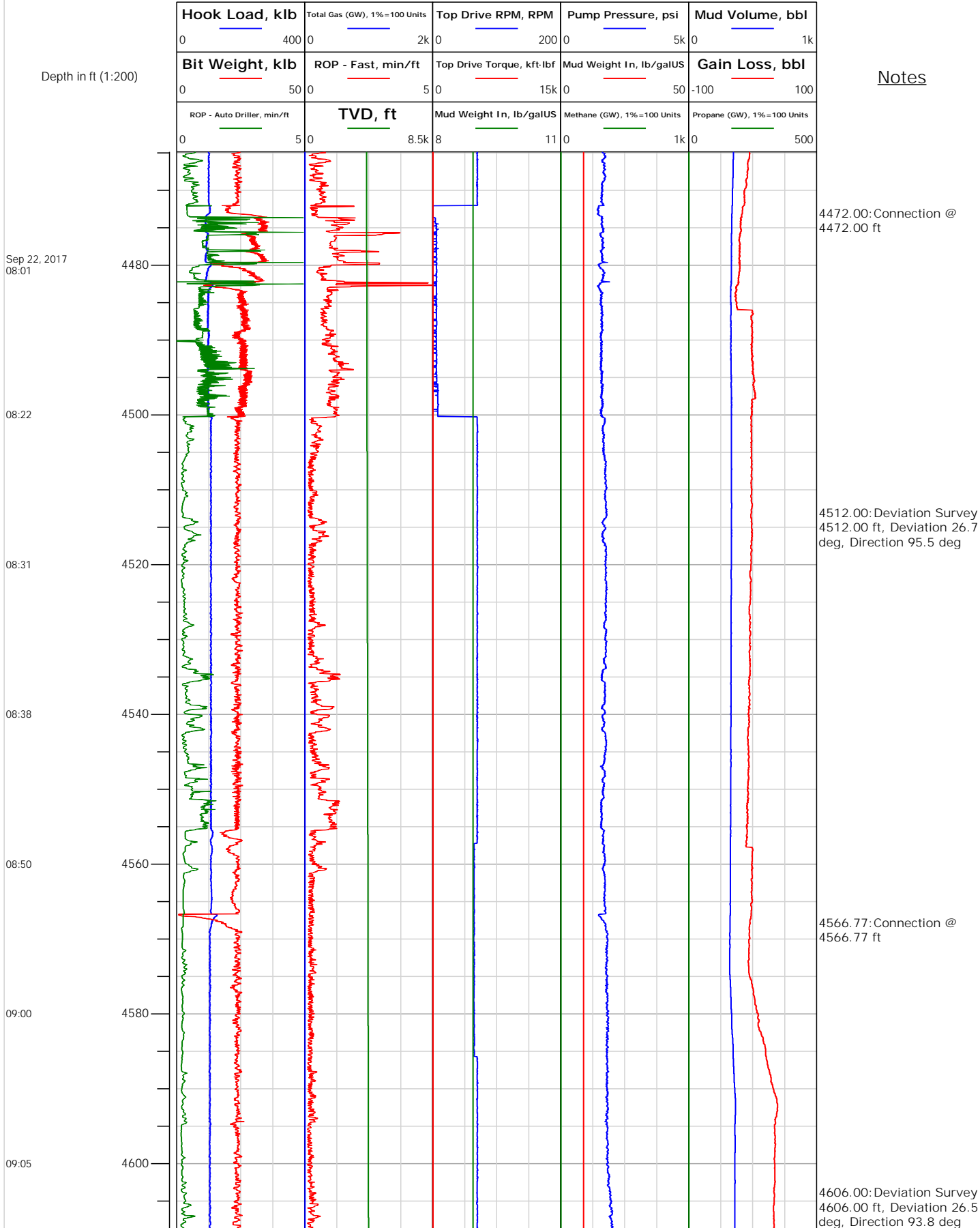
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





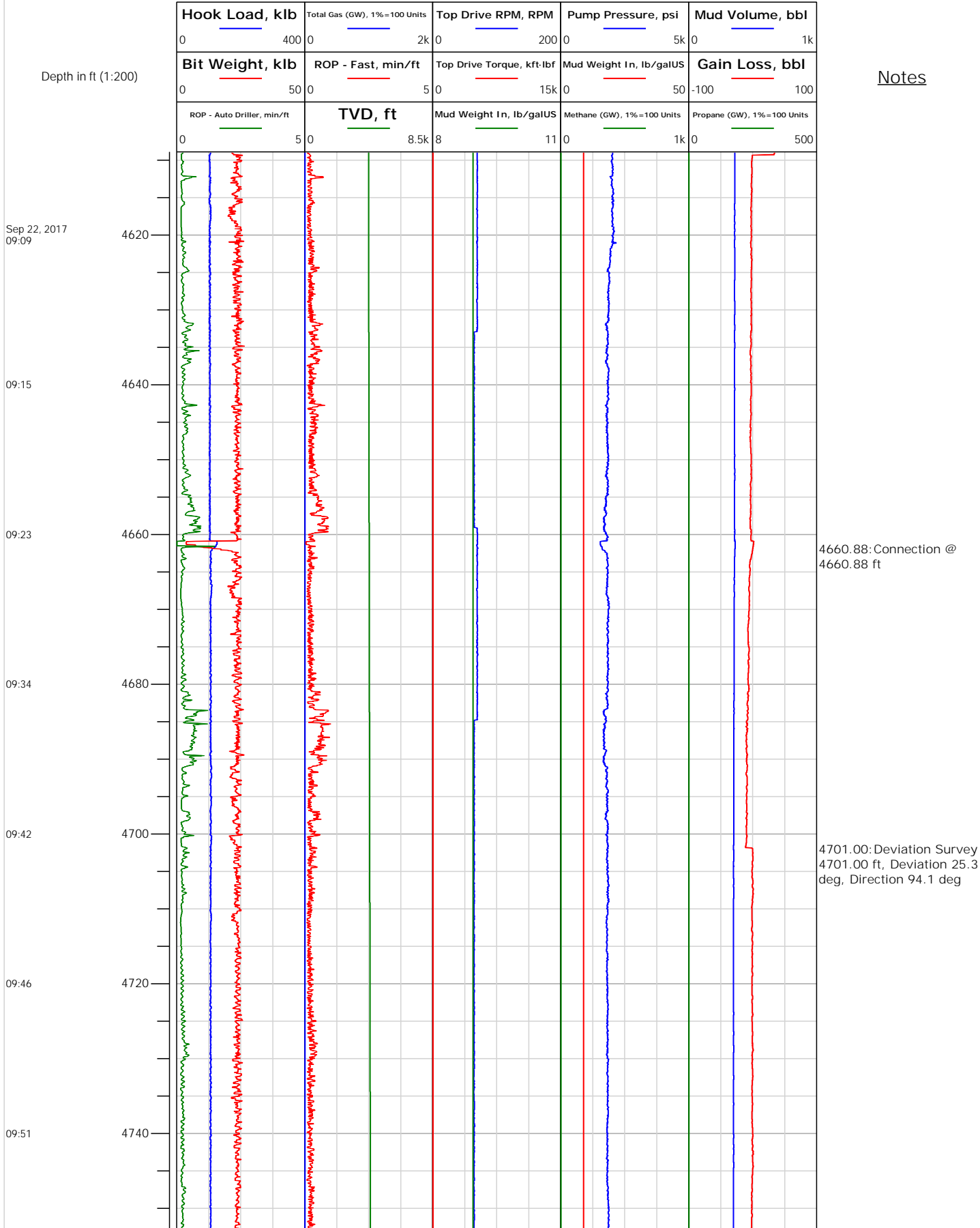
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





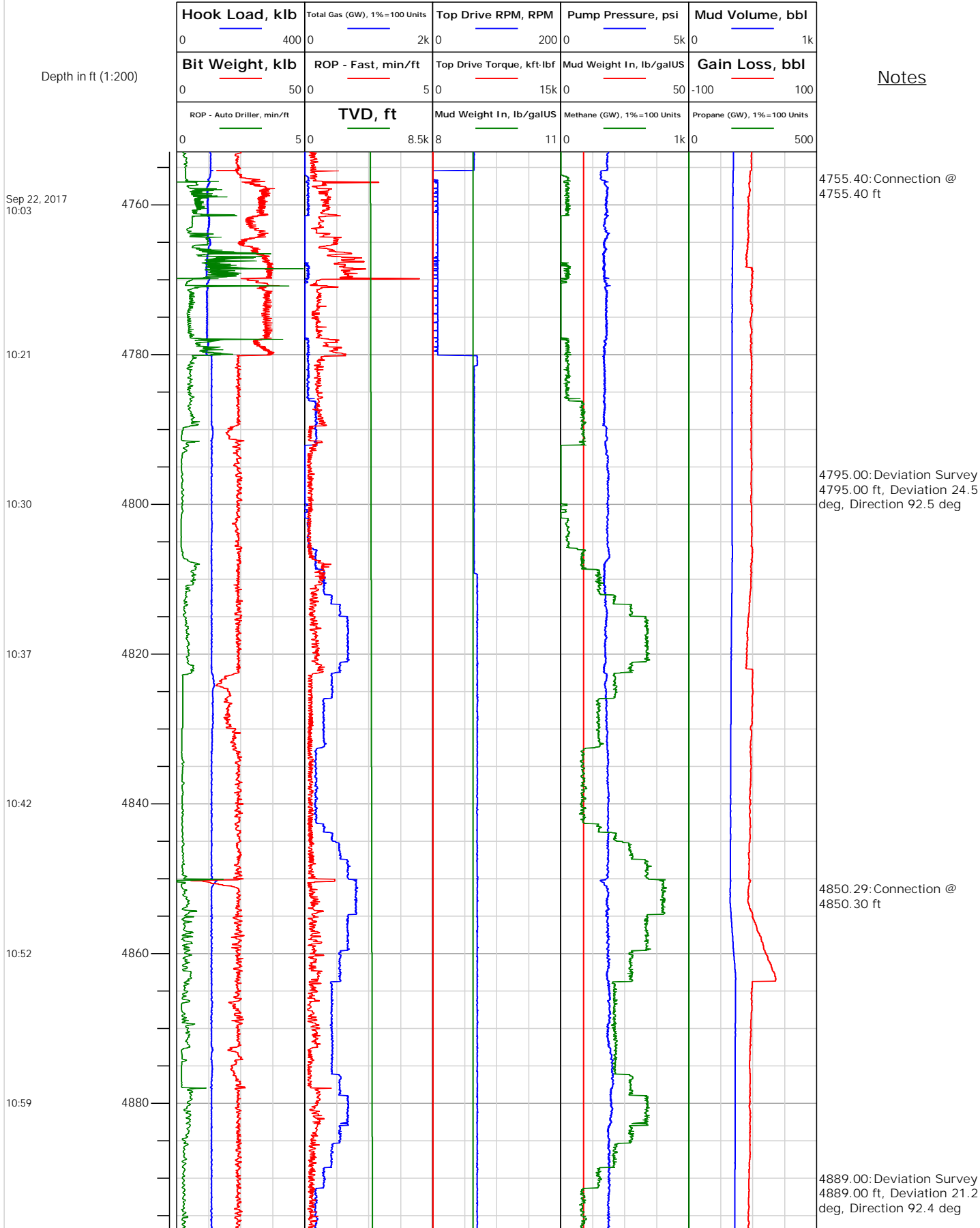
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Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes

Sep 22, 2017
11:05

11:10

11:15

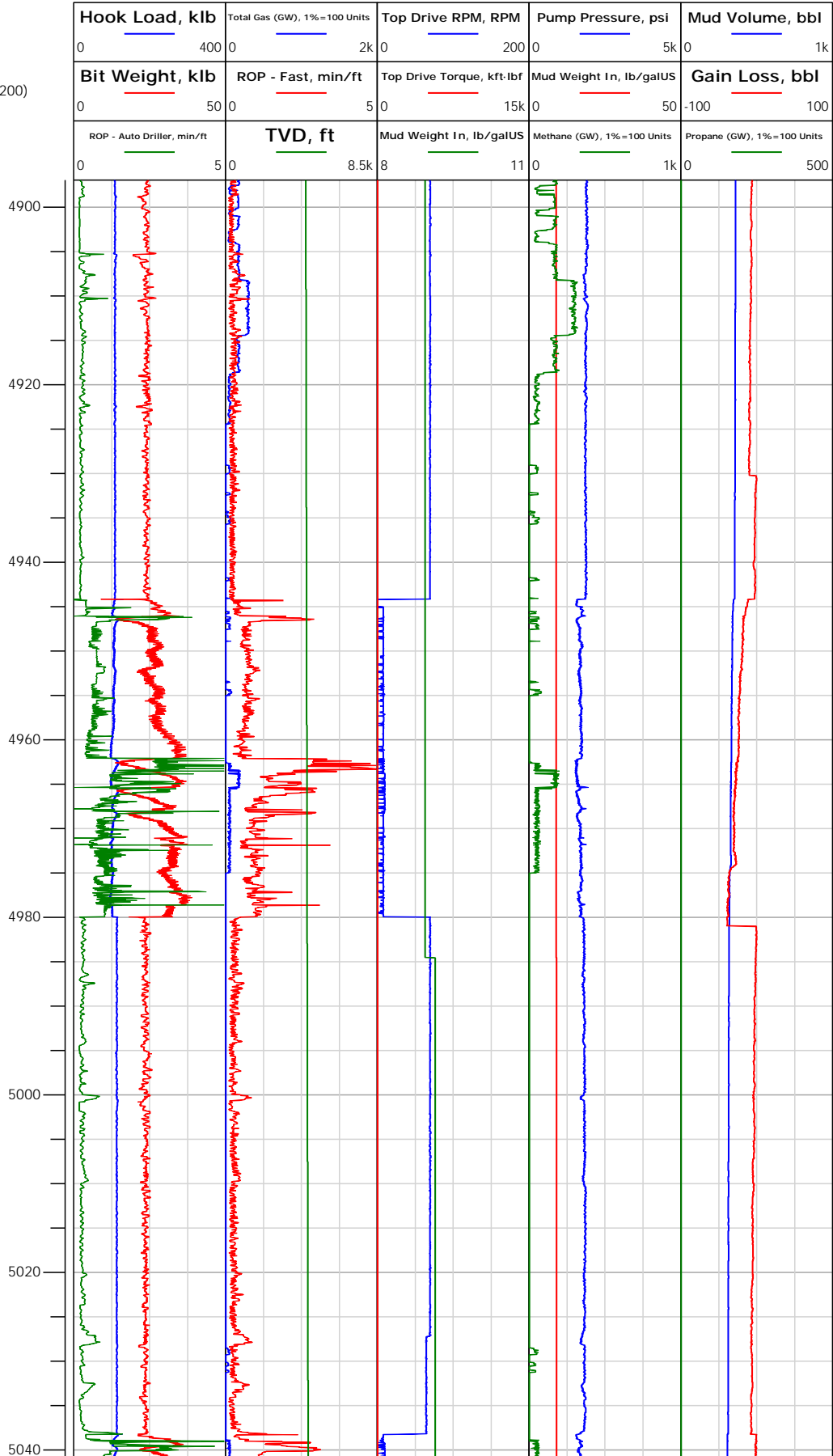
11:35

12:02

12:10

12:16

12:30





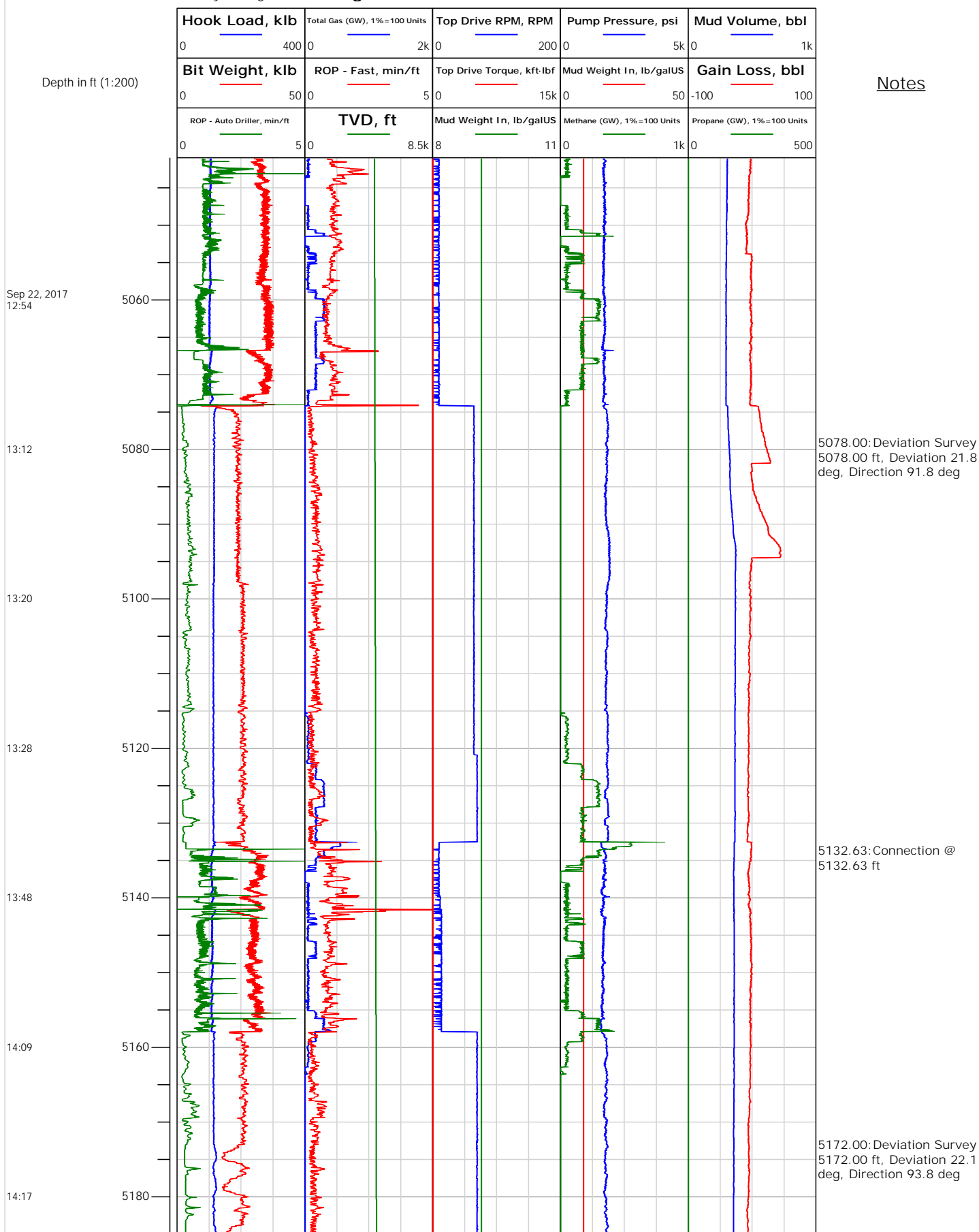
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





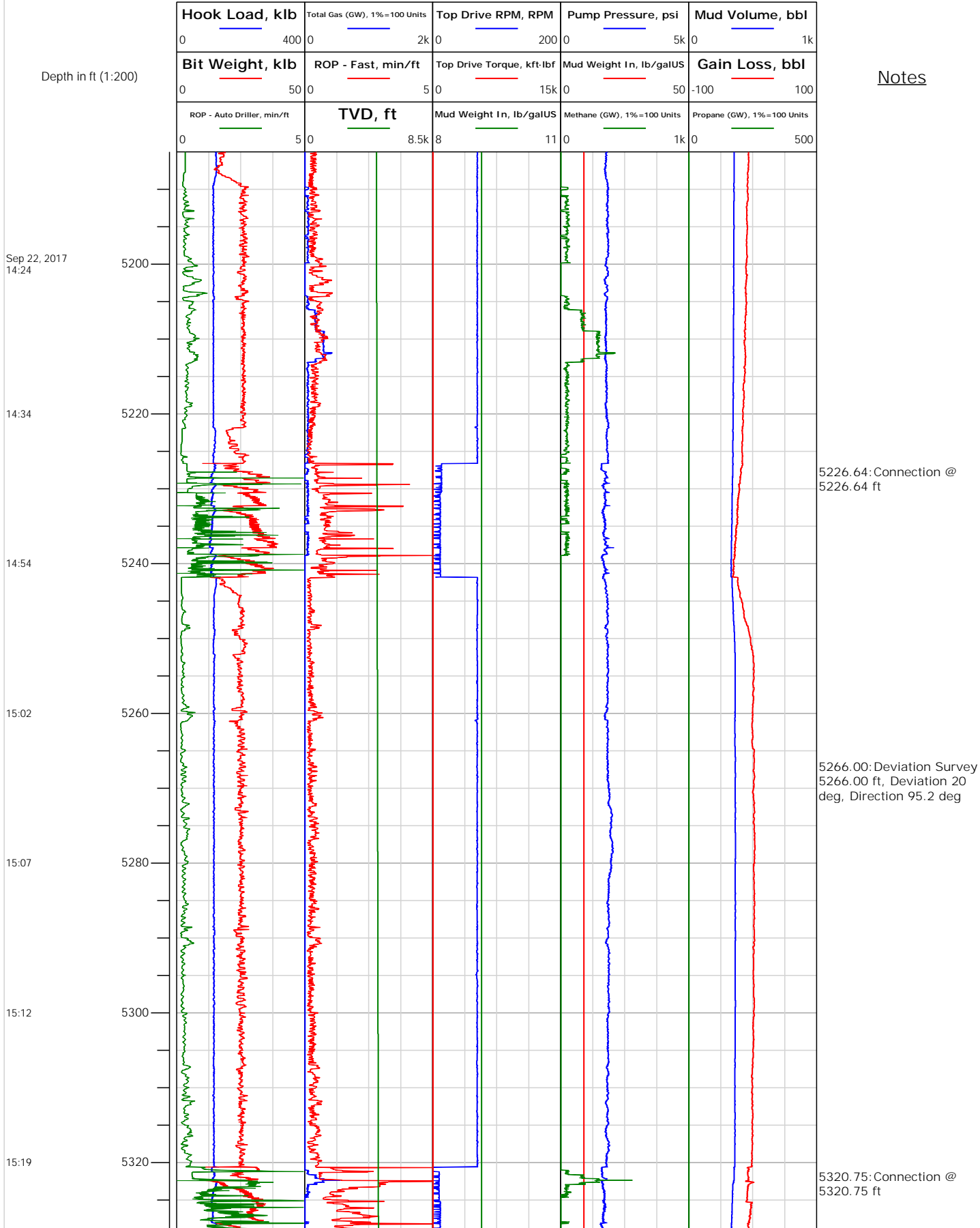
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





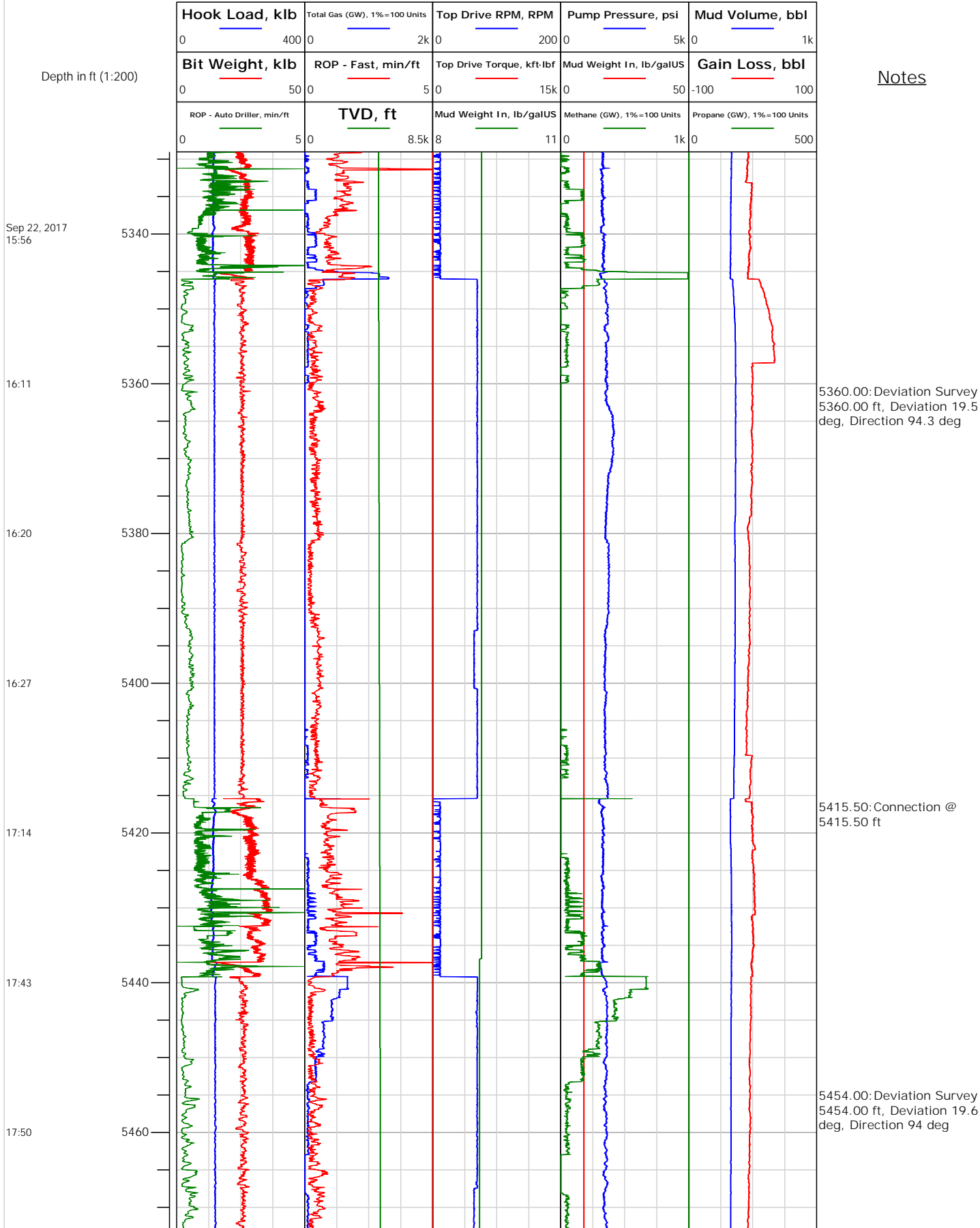
Electronic Drilling Recorder

Operator: Laramie Energy
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Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





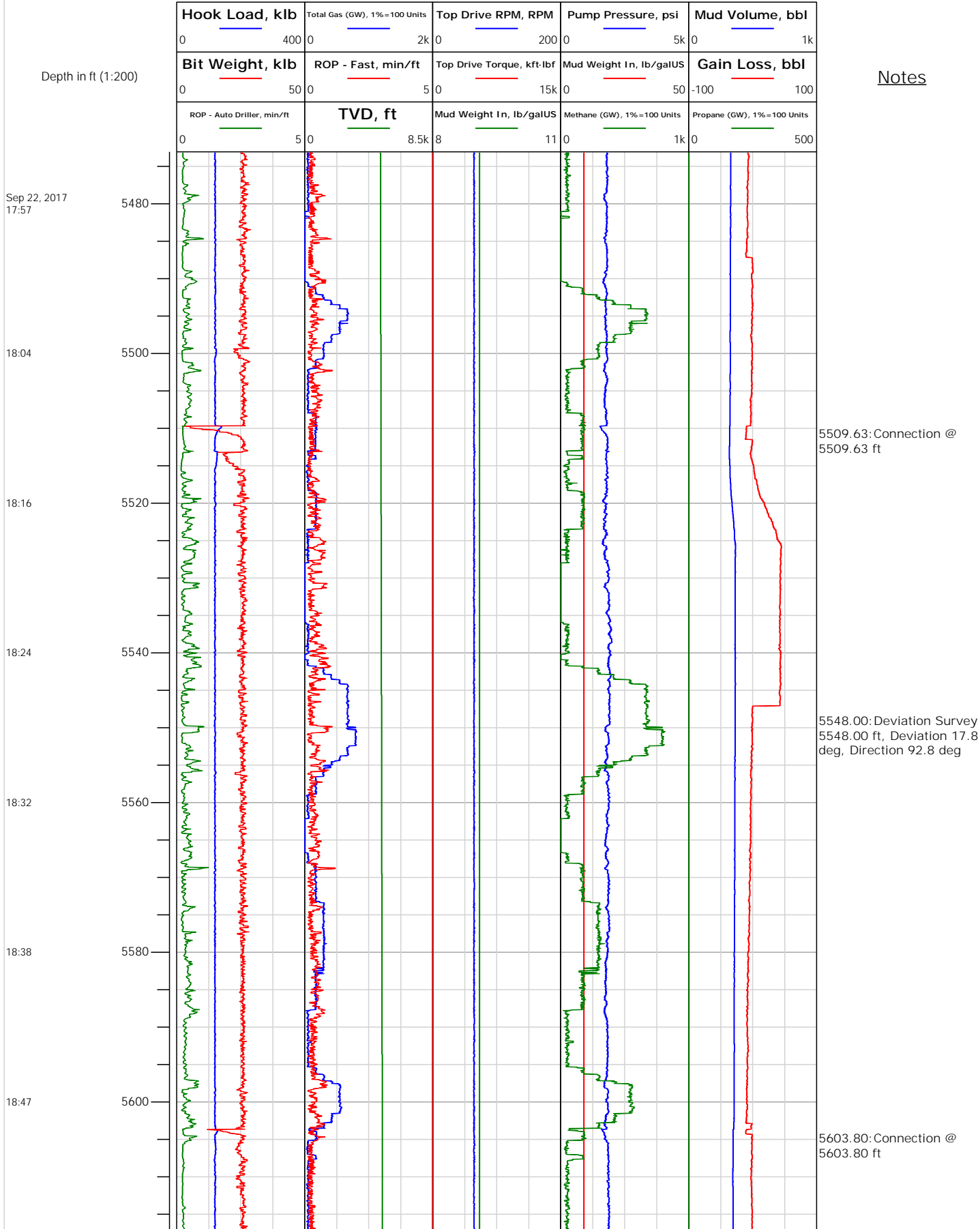
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Operator: Laramie Energy
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Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





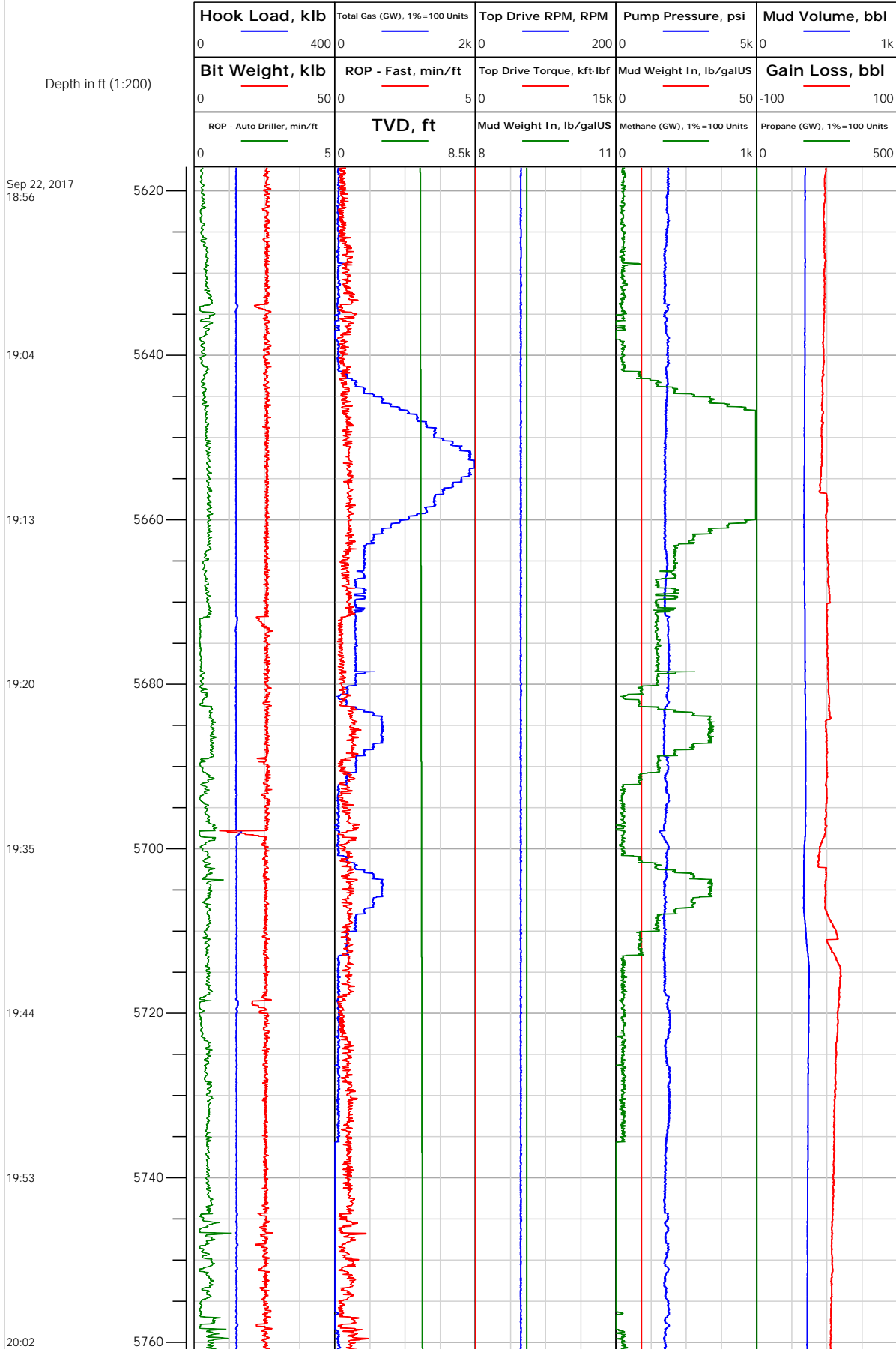
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Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes



5643.00: Deviation Survey
5643.00 ft, Deviation 16.7 deg, Direction 93.4 deg

5697.83: Connection @
5697.83 ft

5737.00: Deviation Survey
5737.00 ft, Deviation 15.8 deg, Direction 93.6 deg



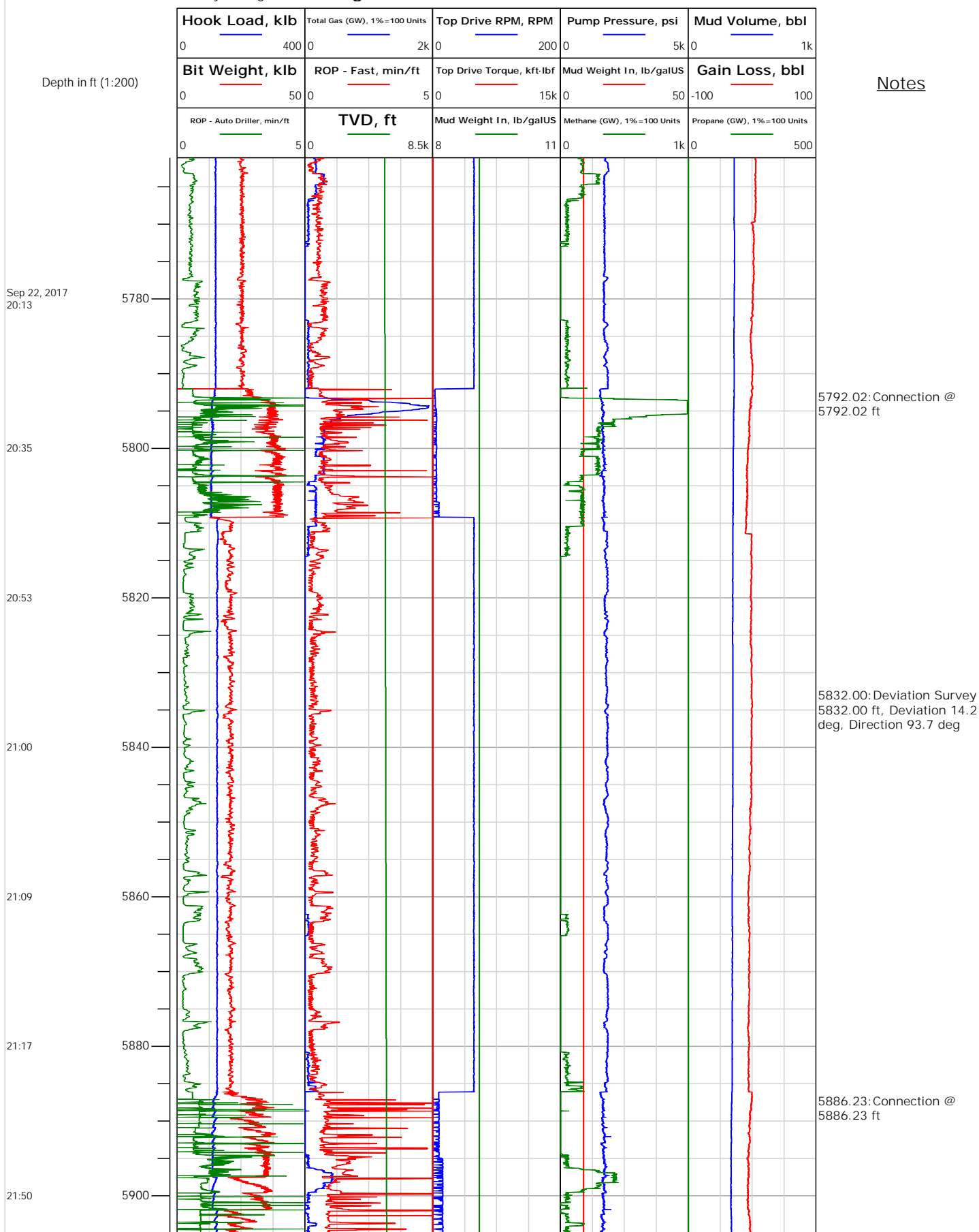
Electronic Drilling Recorder

Operator: Laramie Energy
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Well Name: BRUTON 30-05E
Rig: 522

Location:

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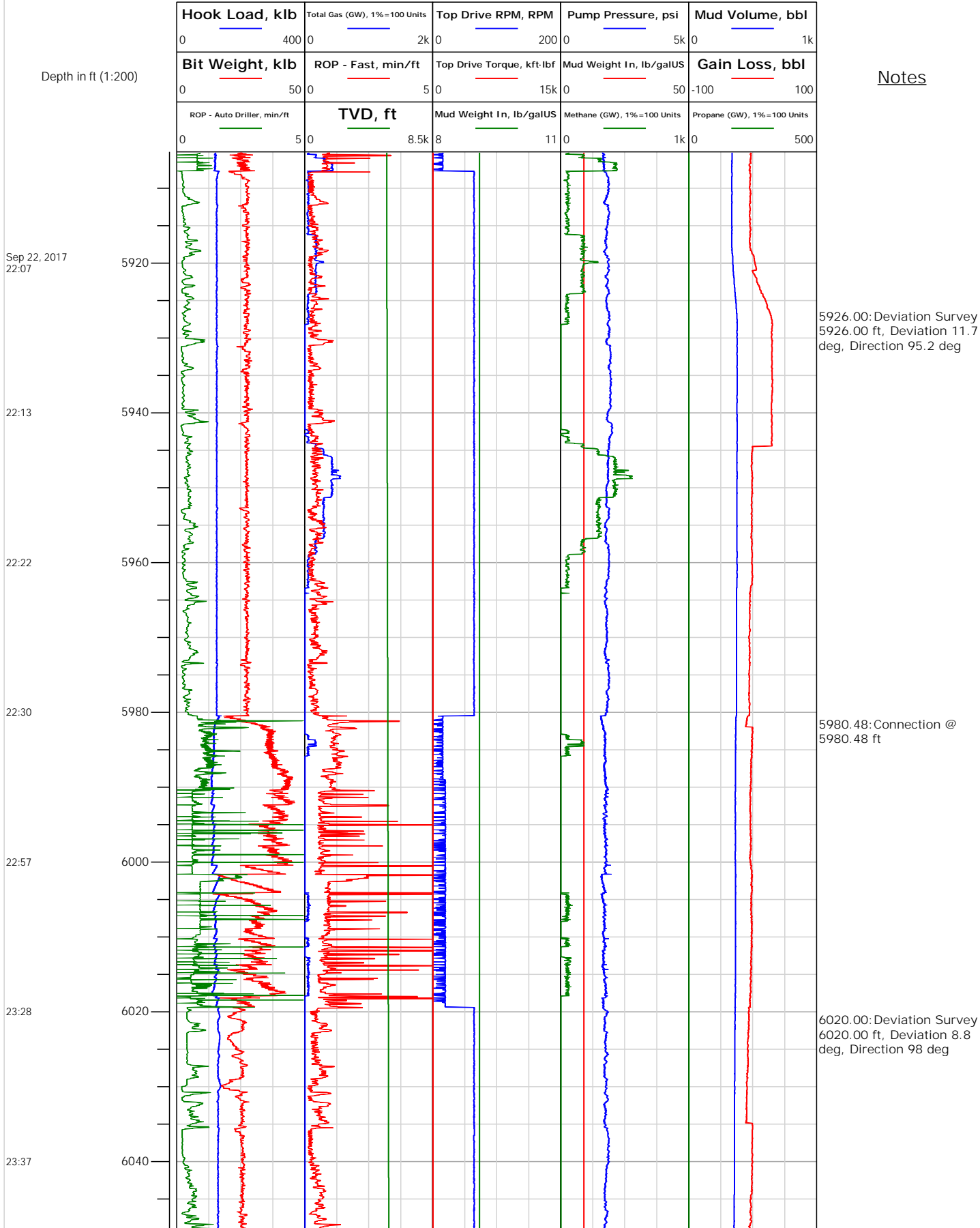
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Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





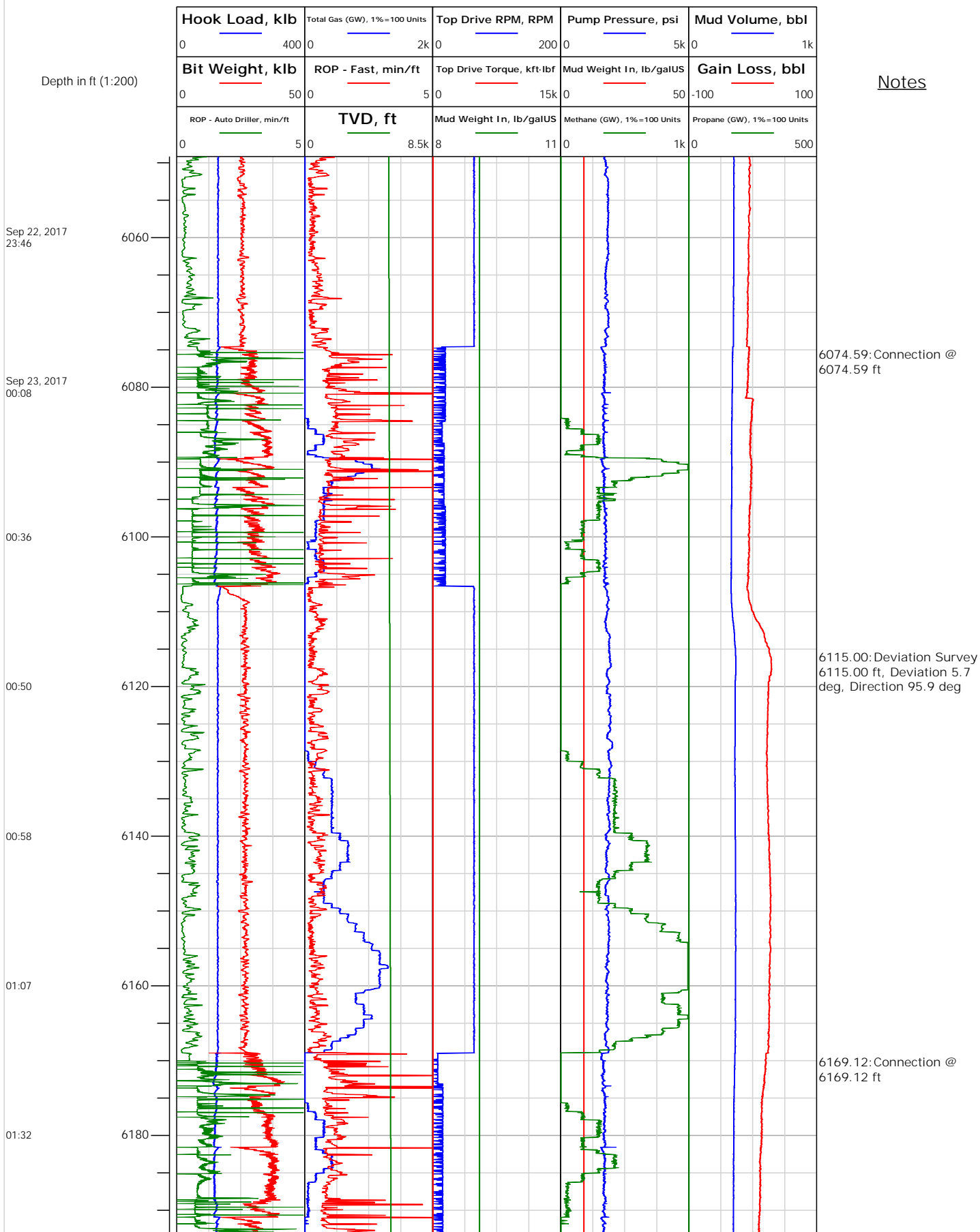
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Well Name: BRUTON 30-05E
Rig: 522

Location:

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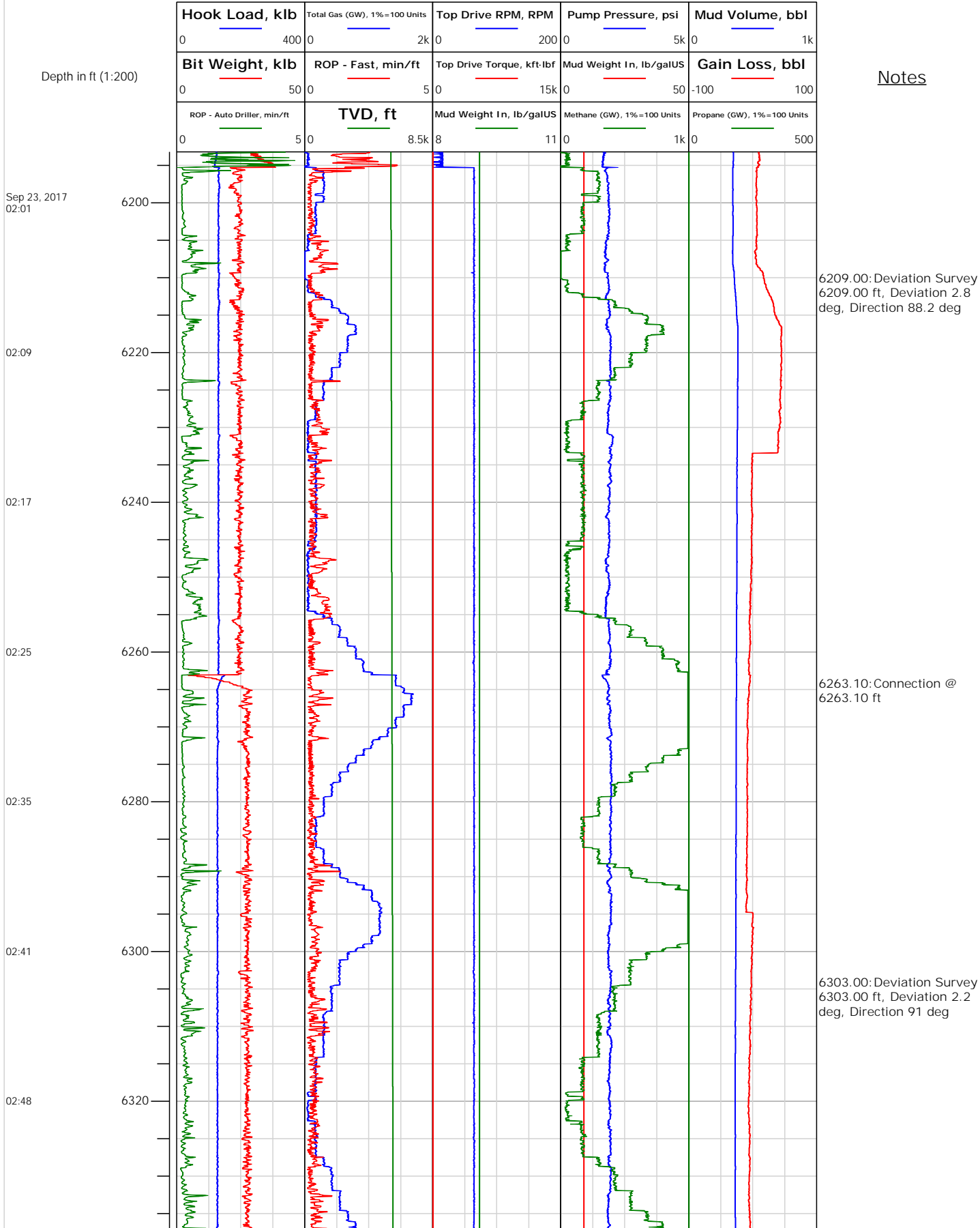
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Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





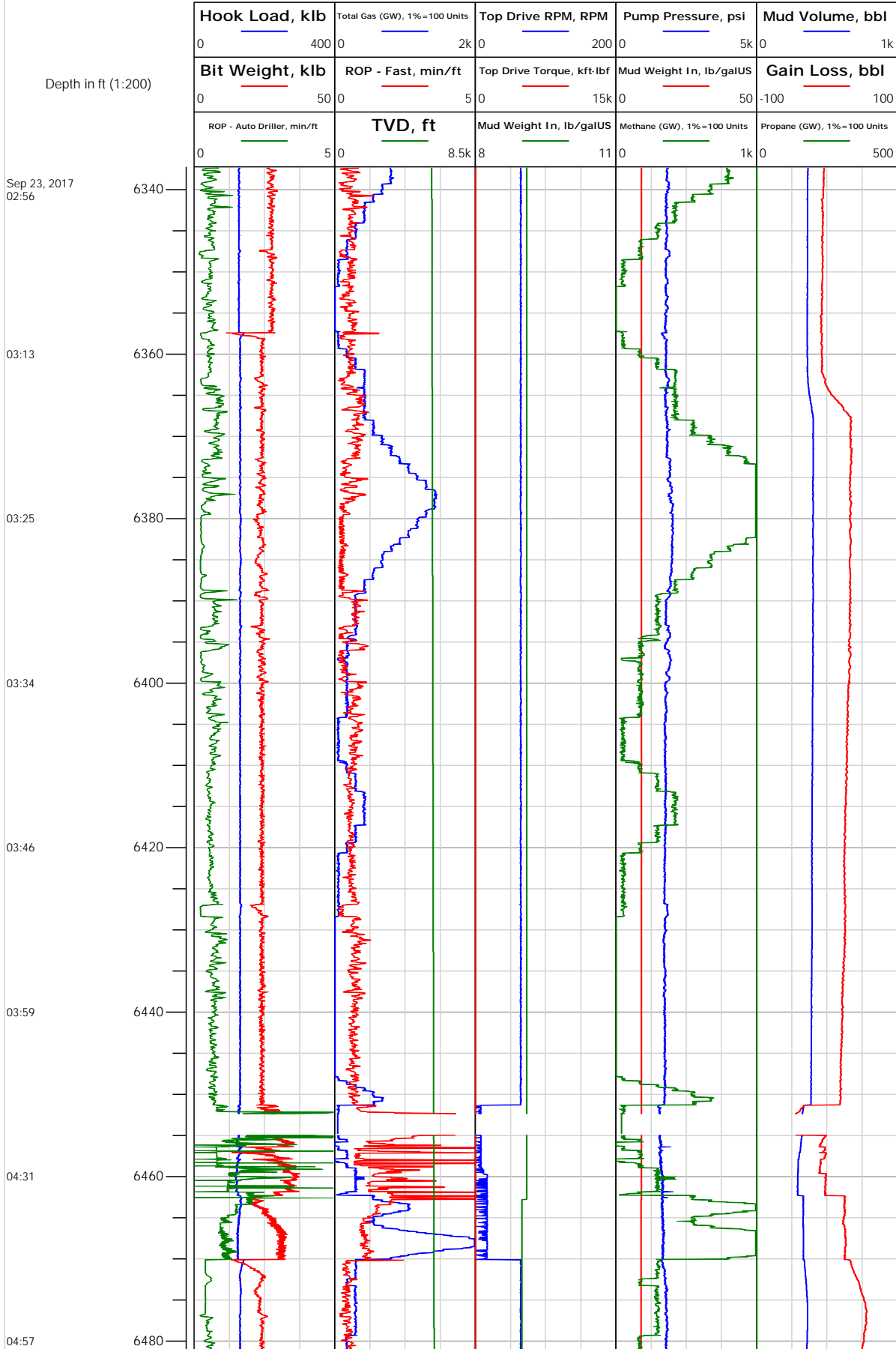
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Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes

Depth in ft (1:200)

Sep 23, 2017
05:07

05:14

05:21

05:40

05:46

05:54

06:04

6500

6520

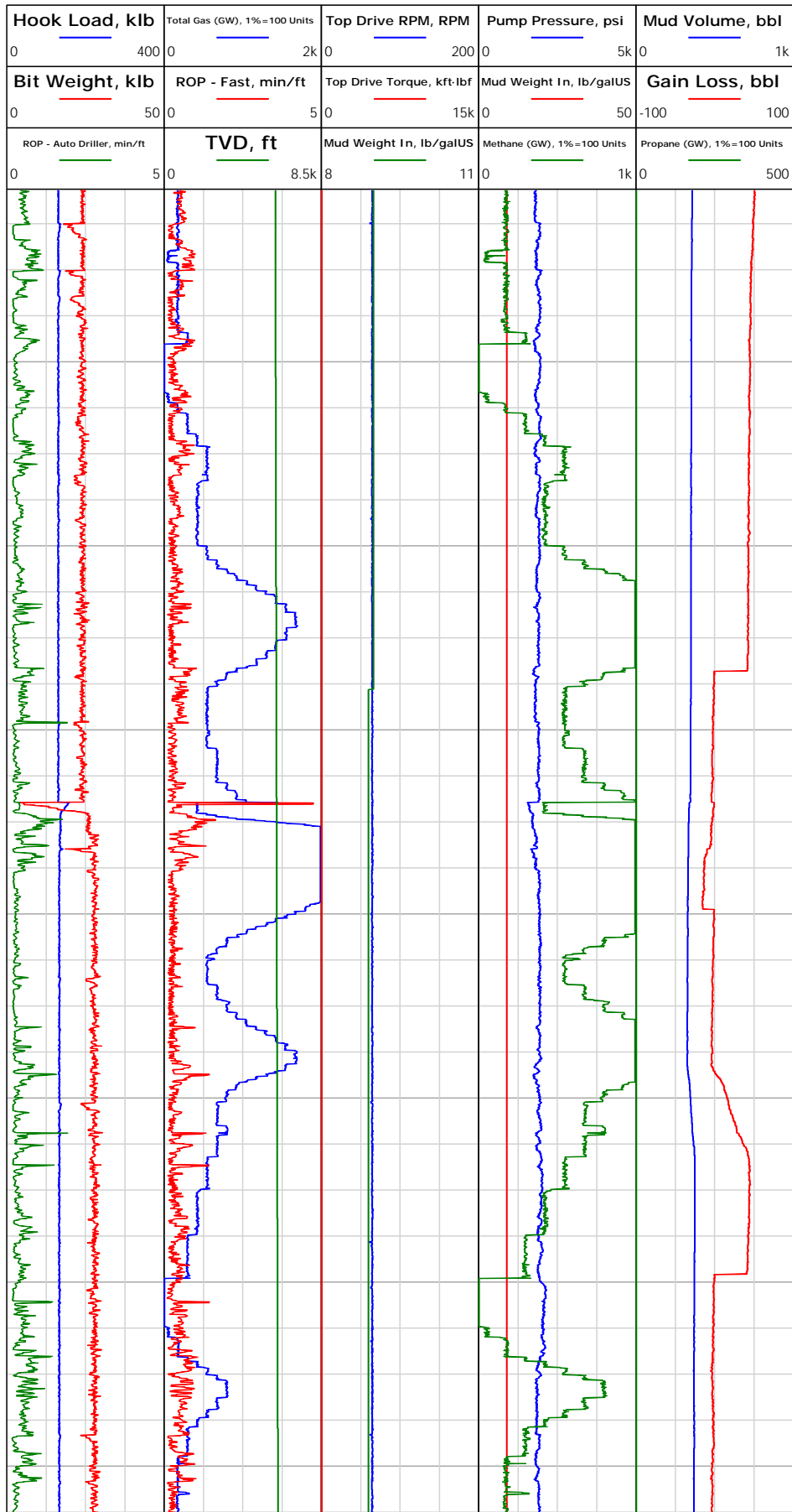
6540

6560

6580

6600

6620



6492.00: Deviation Survey
6492.00 ft, Deviation 1.5
deg, Direction 66.6 deg

6586.00: Deviation Survey
6586.00 ft, Deviation 0.4
deg, Direction 51.9 deg



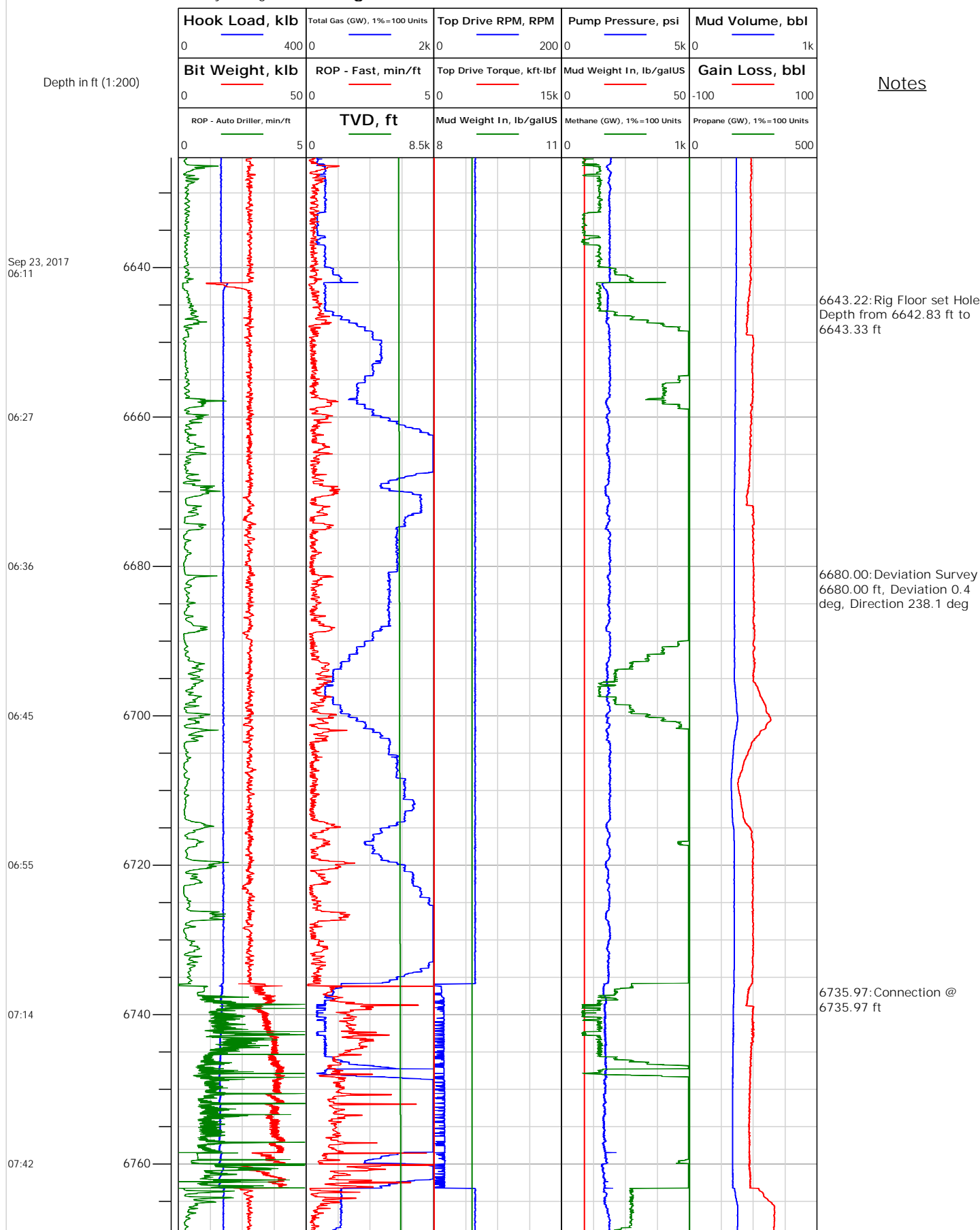
Electronic Drilling Recorder

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Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





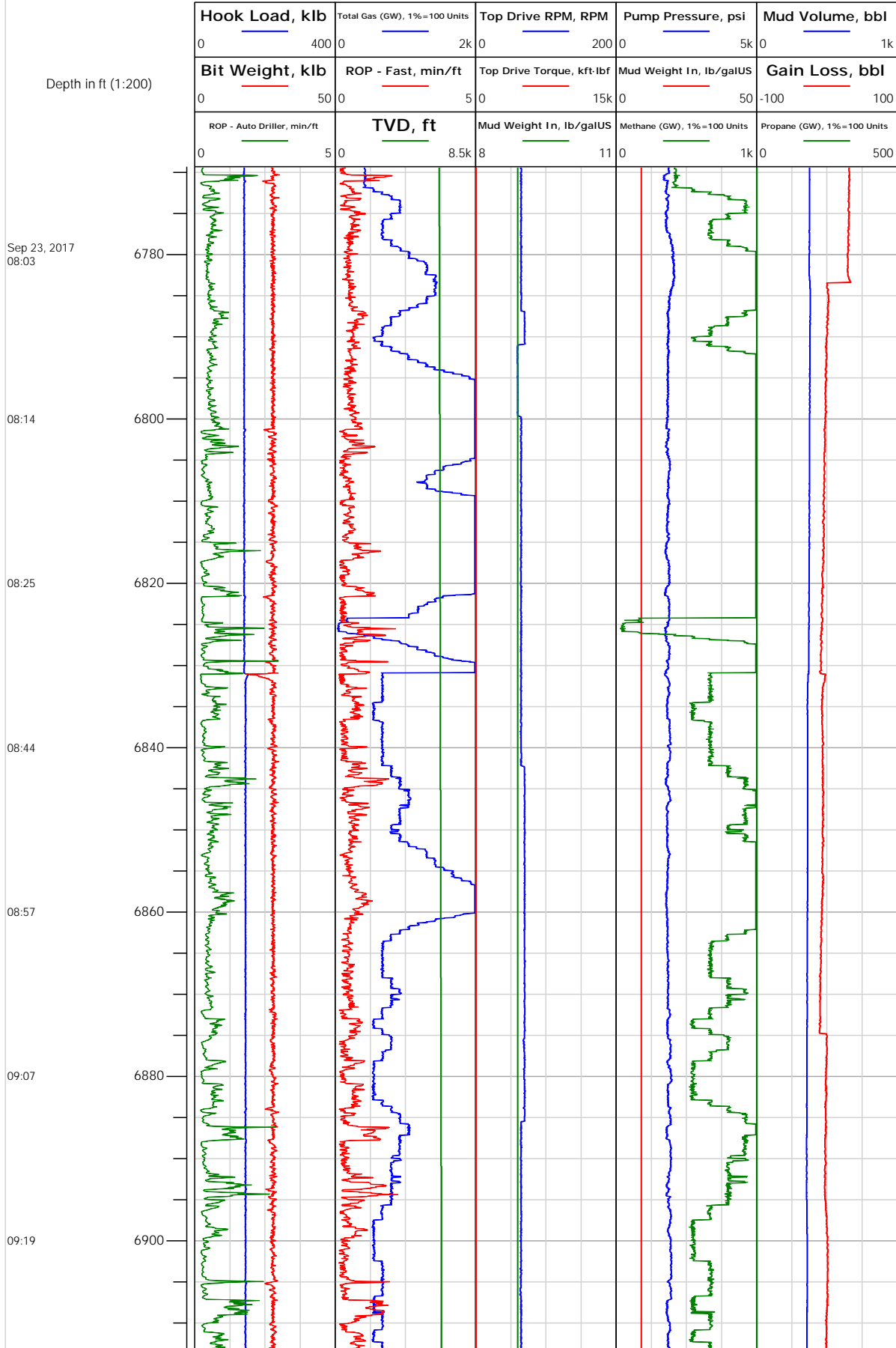
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





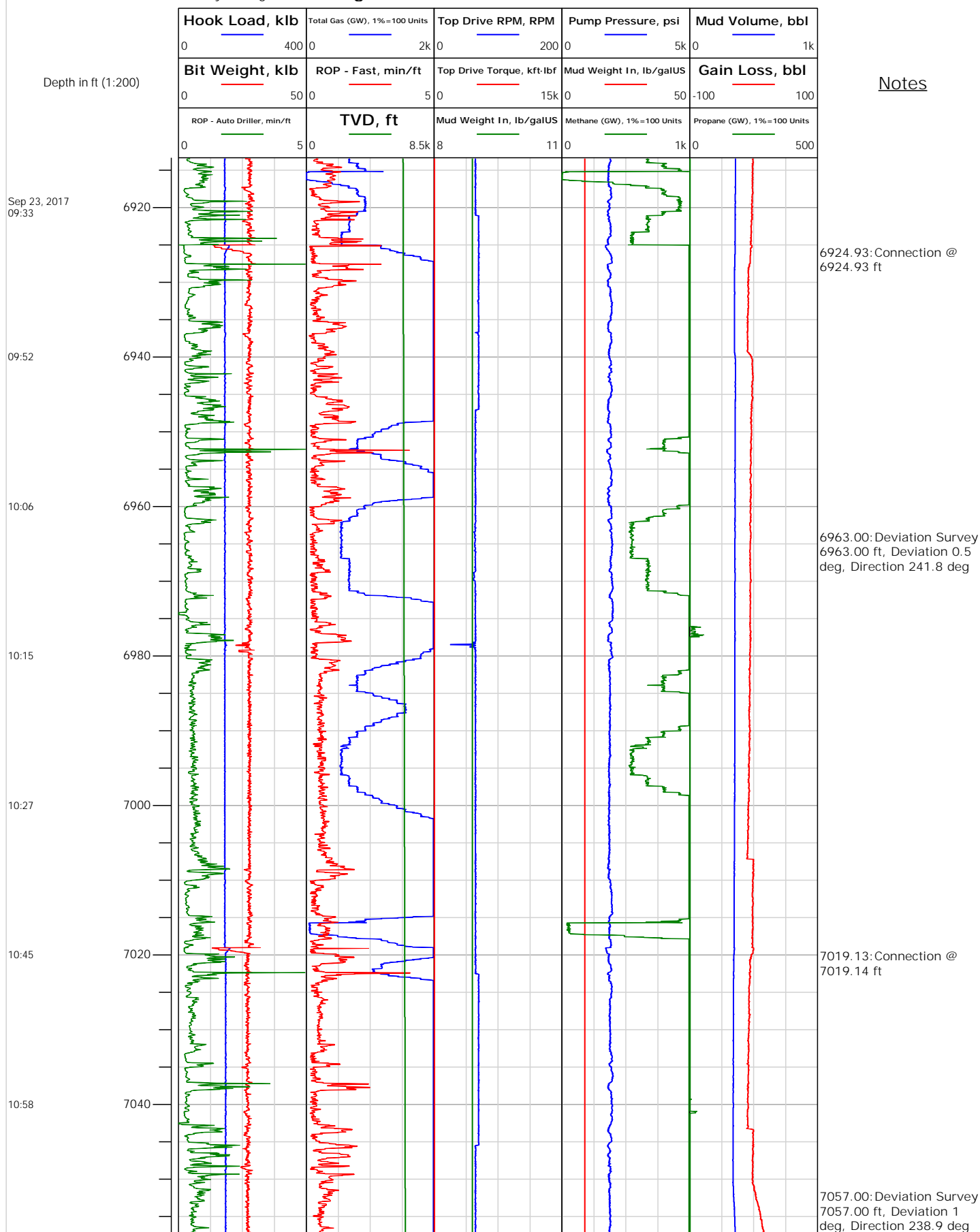
Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes

Sep 23, 2017
11:11

11:26

11:35

12:08

12:53

13:10

13:17

13:29

7060

7080

7100

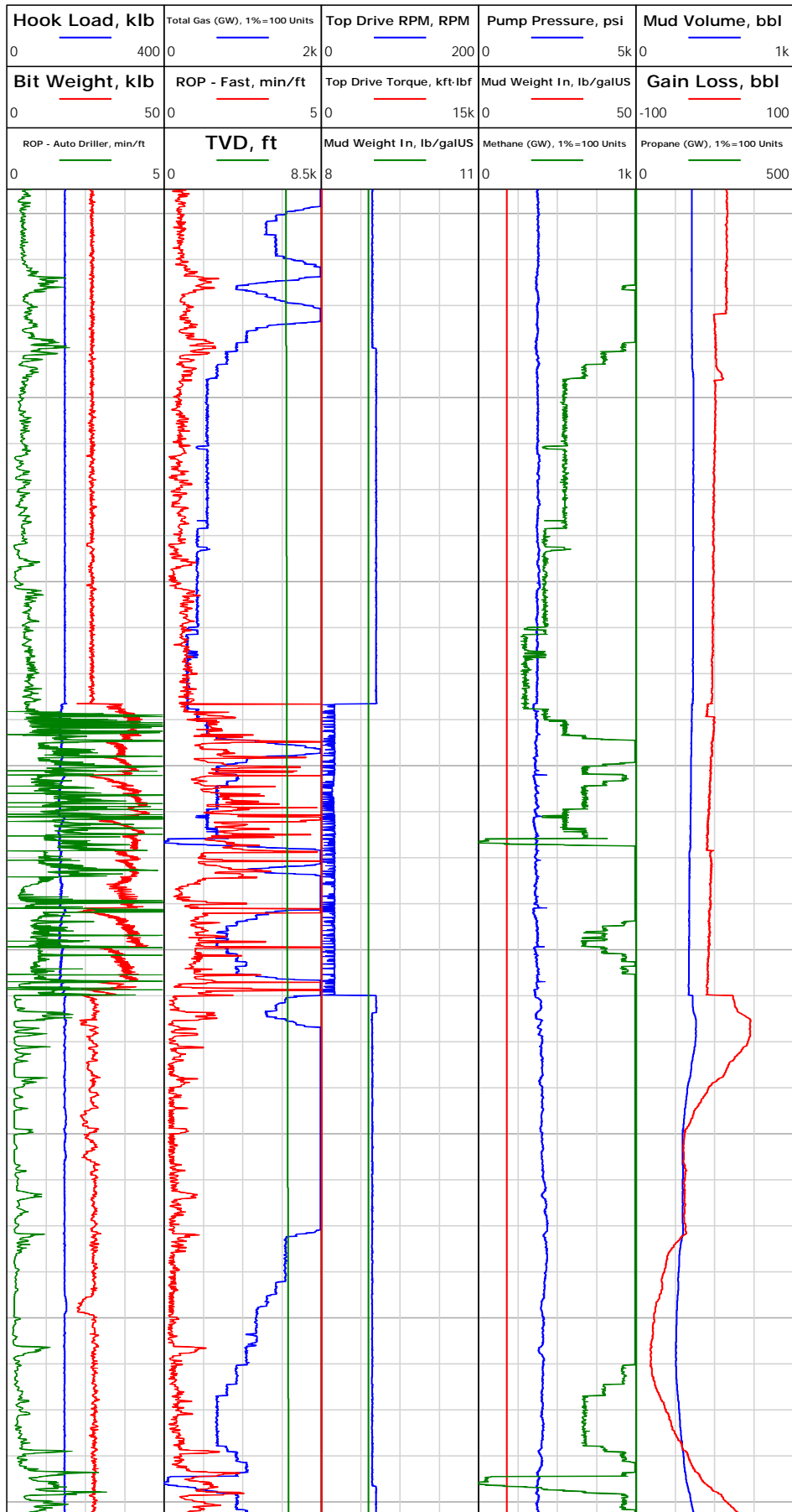
7120

7140

7160

7180

7200



7113.30: Connection @
7113.30 ft

7151.00: Deviation Survey
7151.00 ft, Deviation 0.2
deg, Direction 23.5 deg



Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes

Depth in ft (1:200)

Sep 23, 2017
13:51

14:05

14:16

14:26

14:38

14:51

15:01

7220

7240

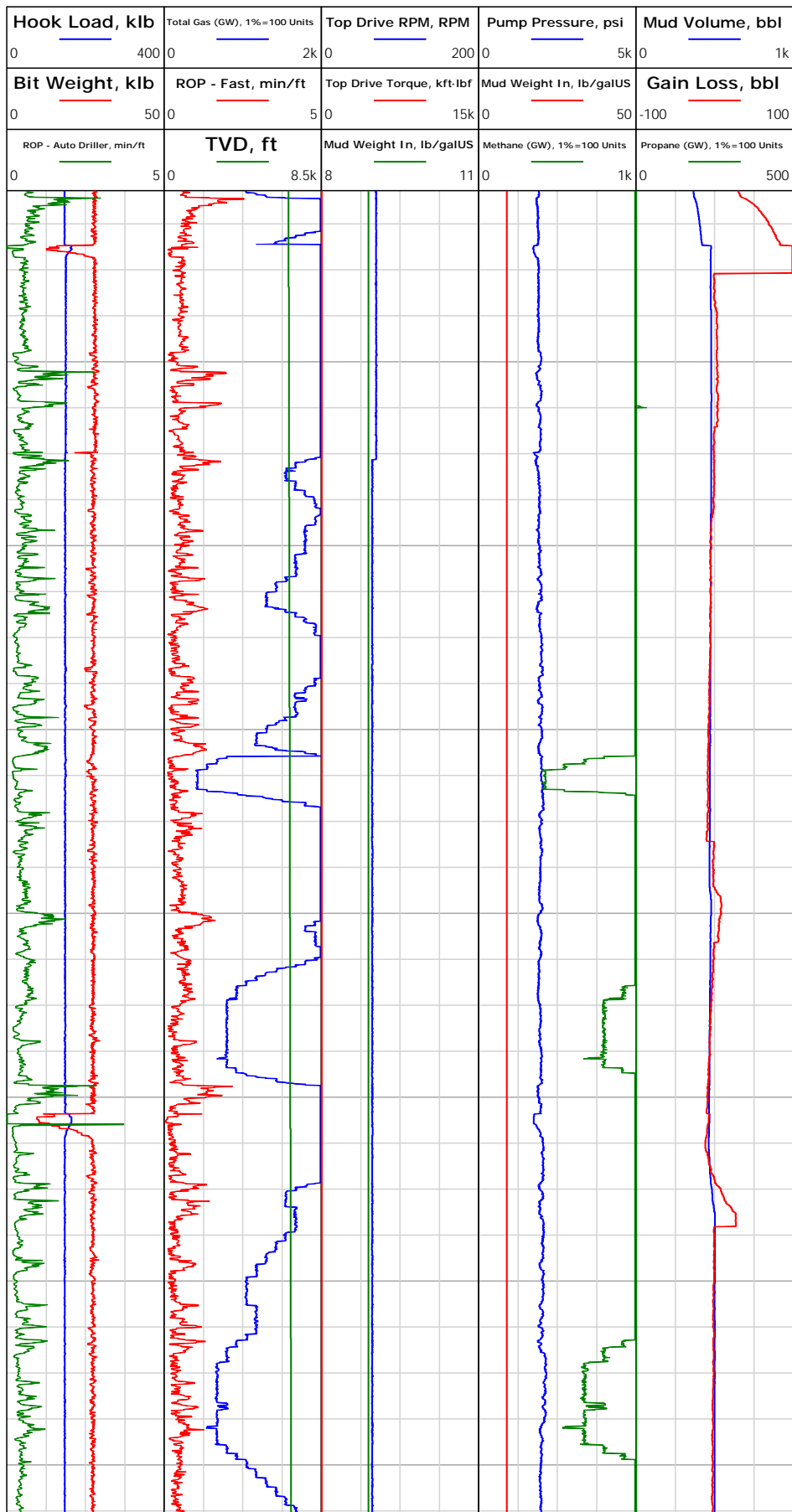
7260

7280

7300

7320

7340



7207.30: Connection @
7207.30 ft

7244.99: Deviation Survey
7245.00 ft, Deviation 0.3
deg, Direction 305.6 deg

7301.91: Connection @
7301.91 ft

7340.00: Deviation Survey
7340.00 ft, Deviation 1.1
deg, Direction 227.8 deg



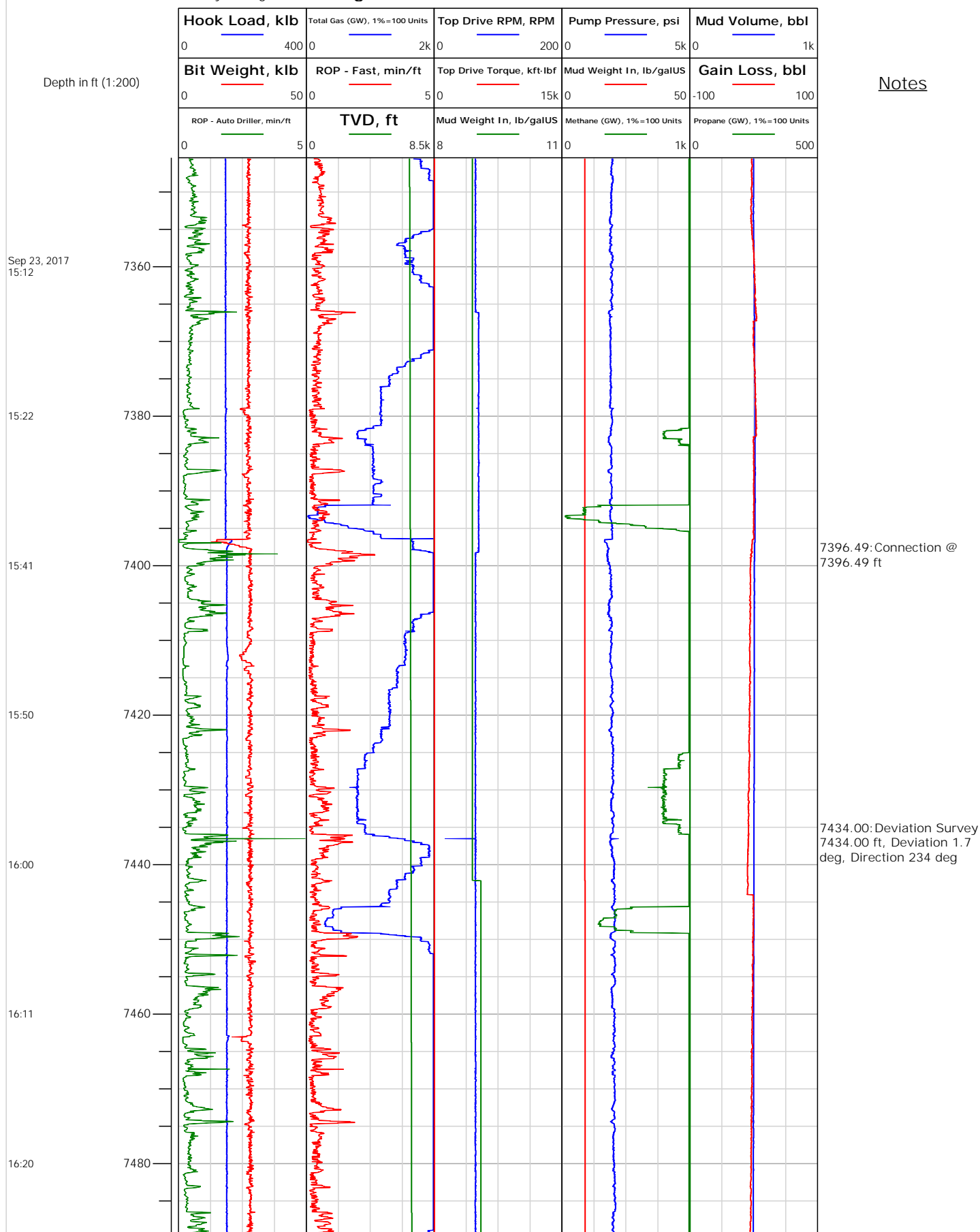
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes



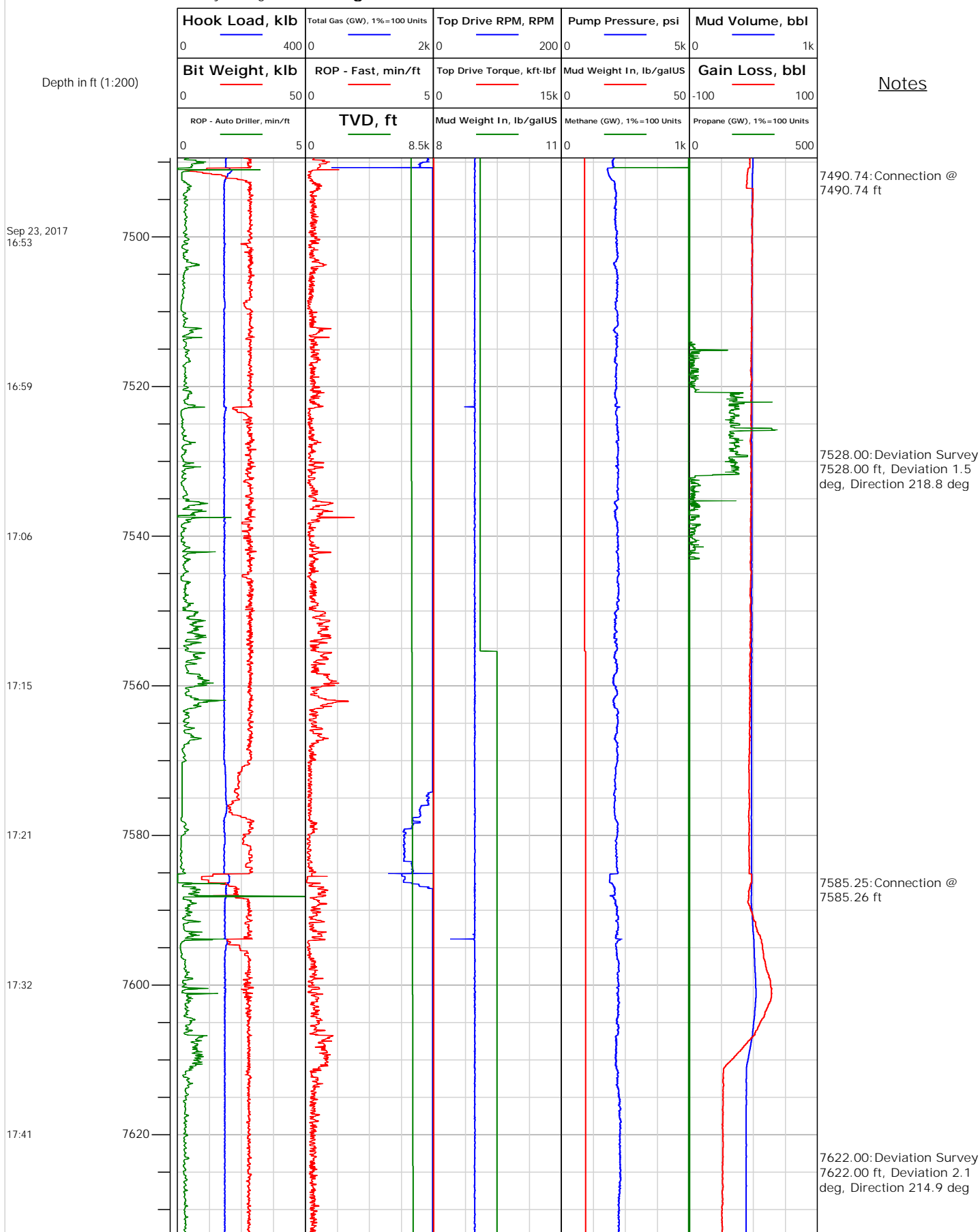


Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:





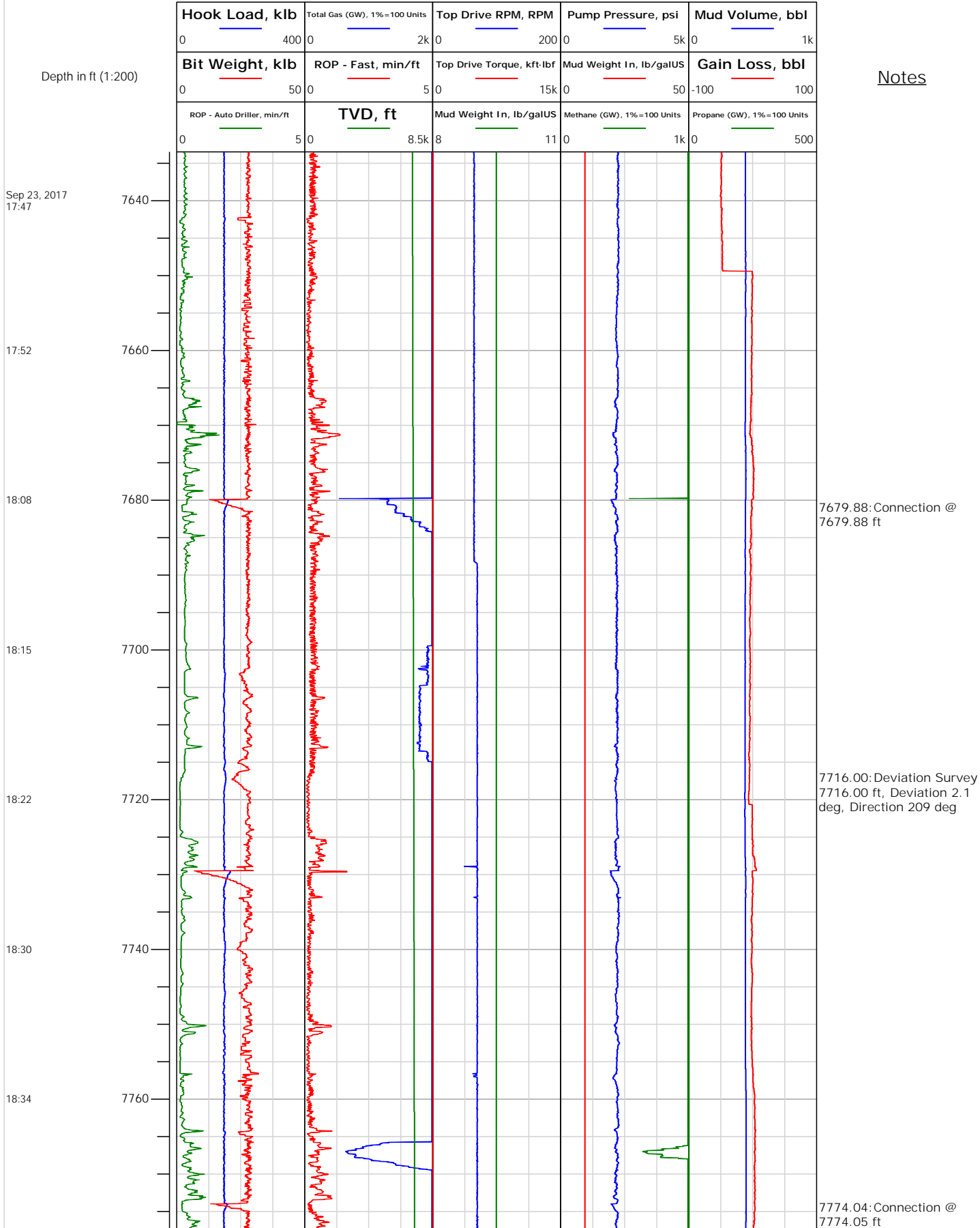
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





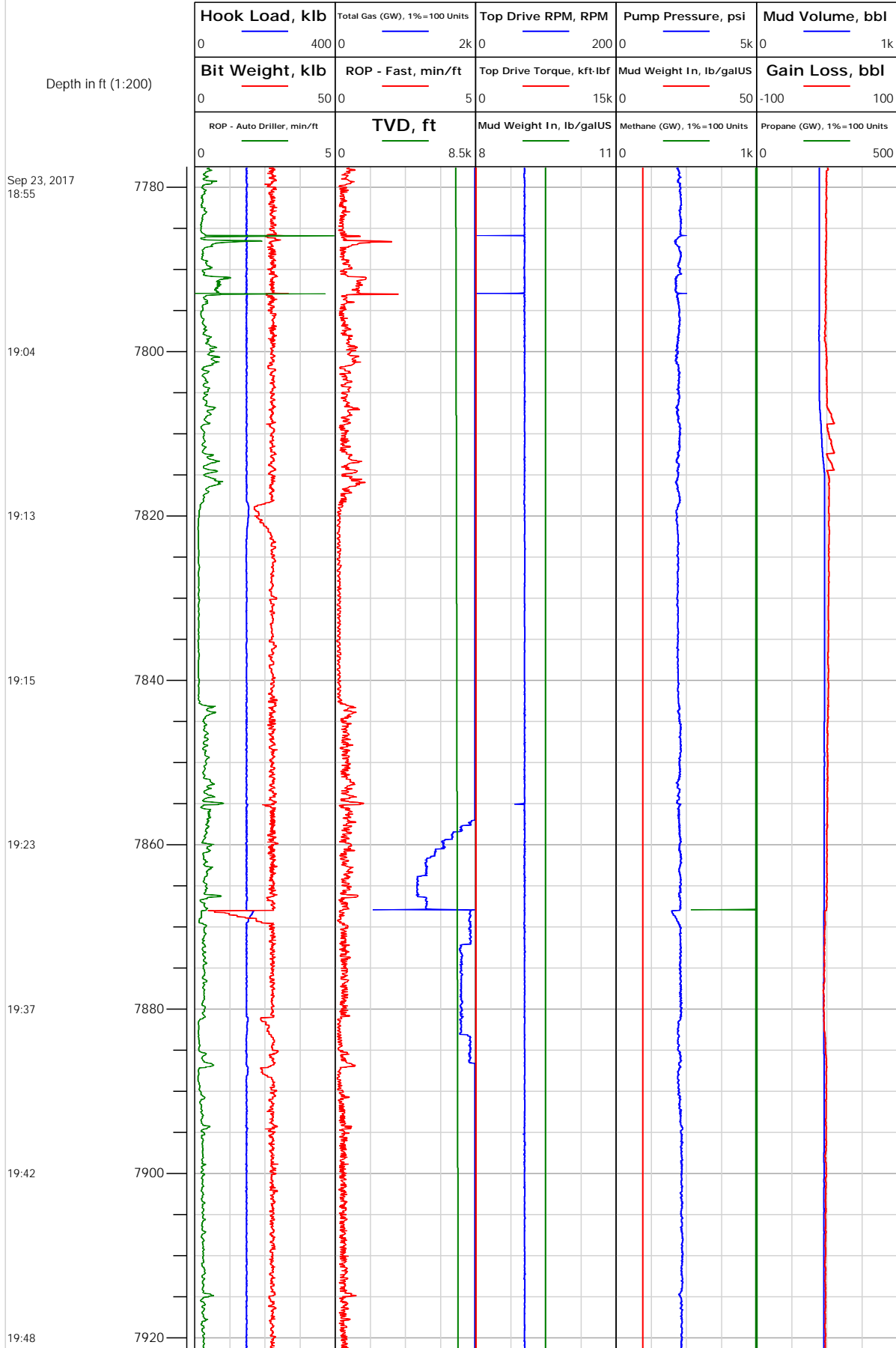
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





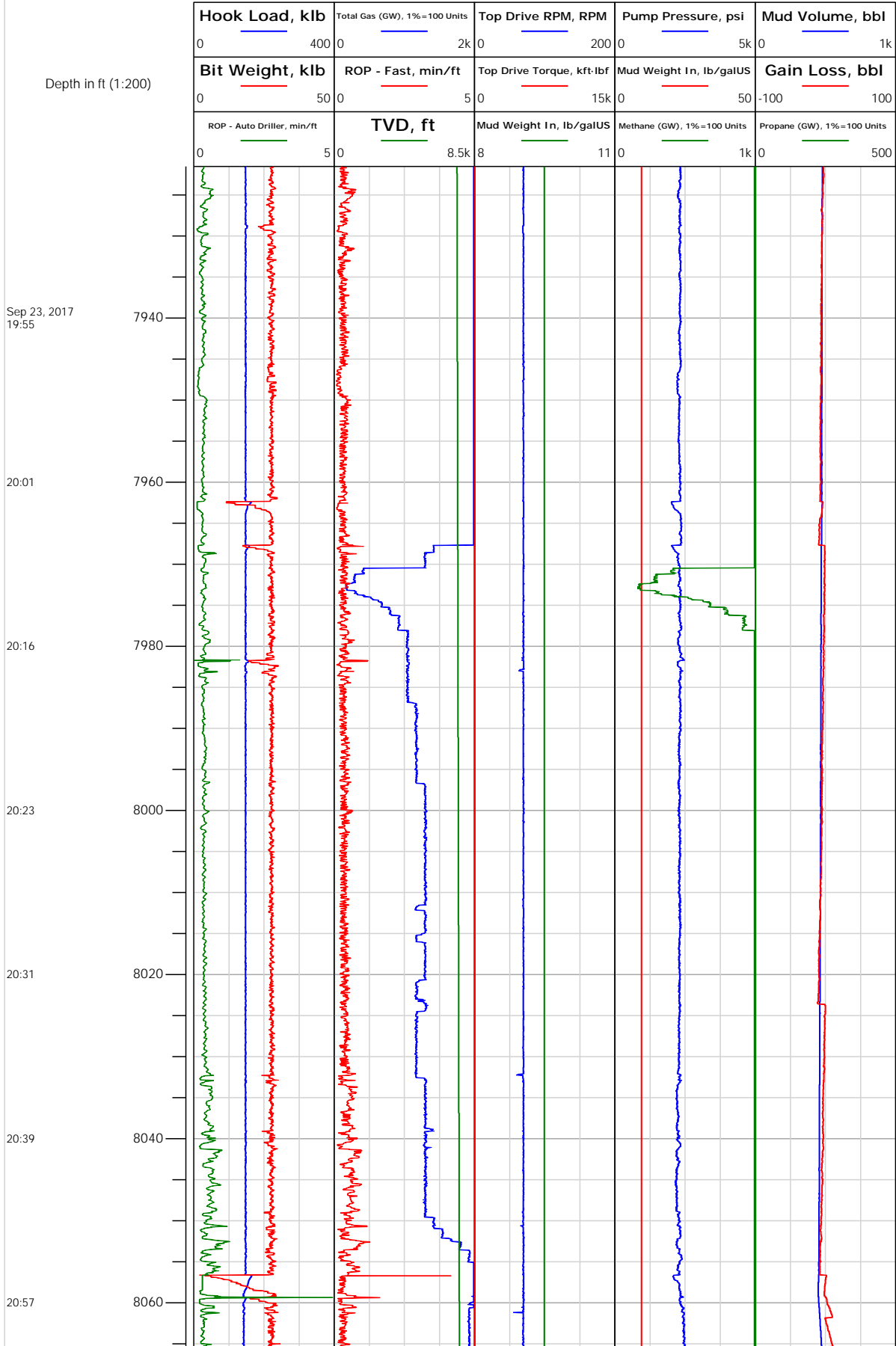
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BRUTON 30-05E
Rig: 522

Location:

Notes

