



Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

Depth in ft (1:200)

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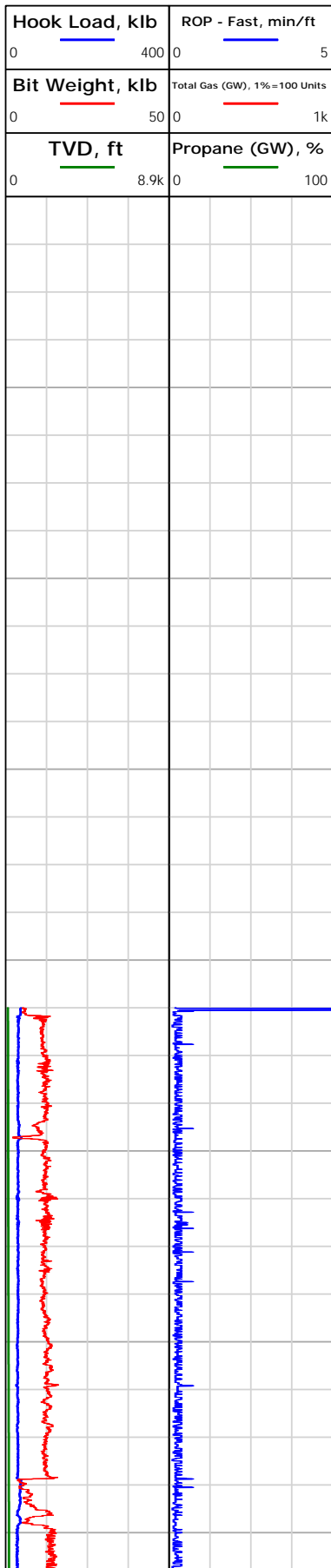
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Jul 22, 2017
03:58

04:03

04:07





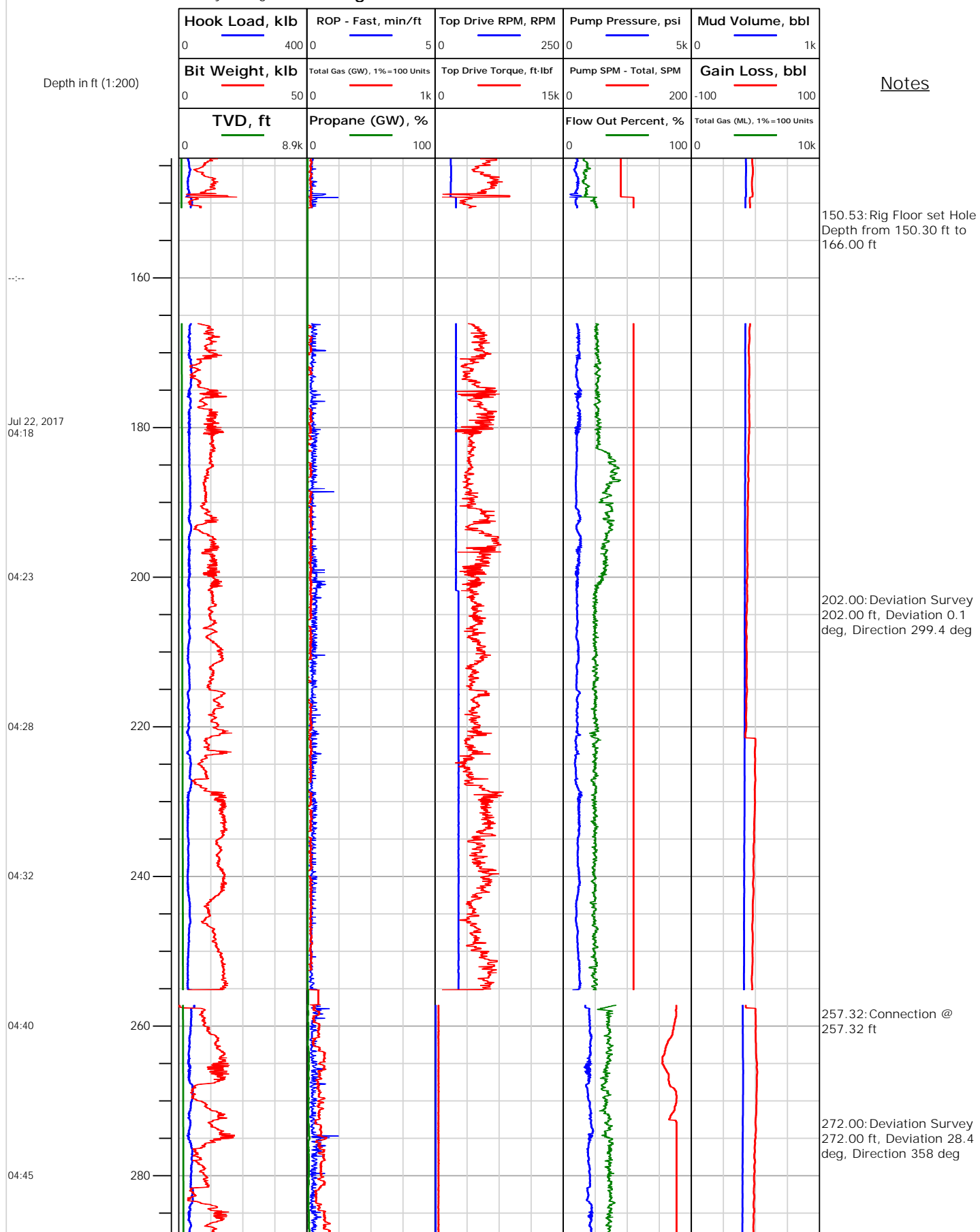
Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

Notes





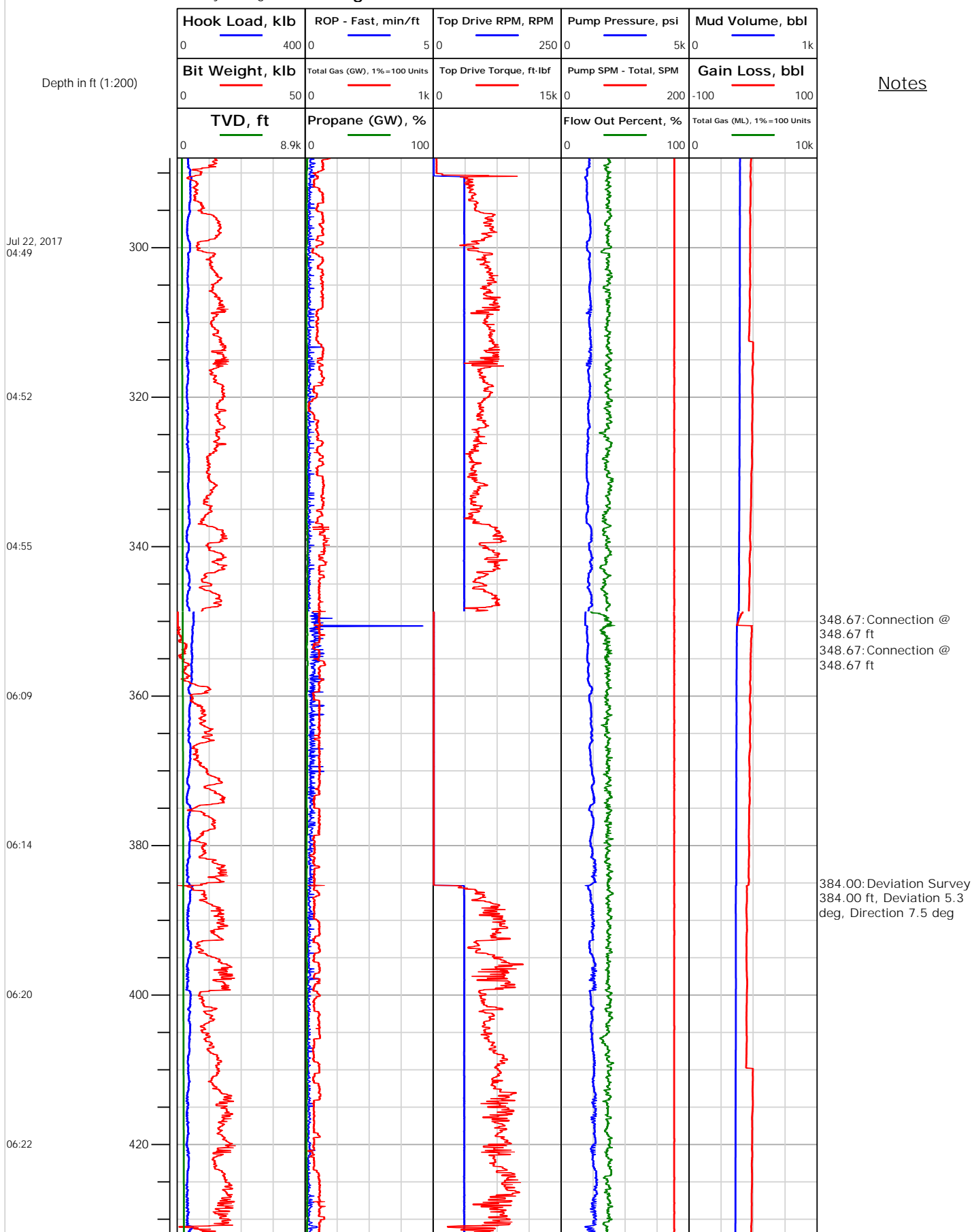
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Operator: Laramie Energy
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Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

Notes



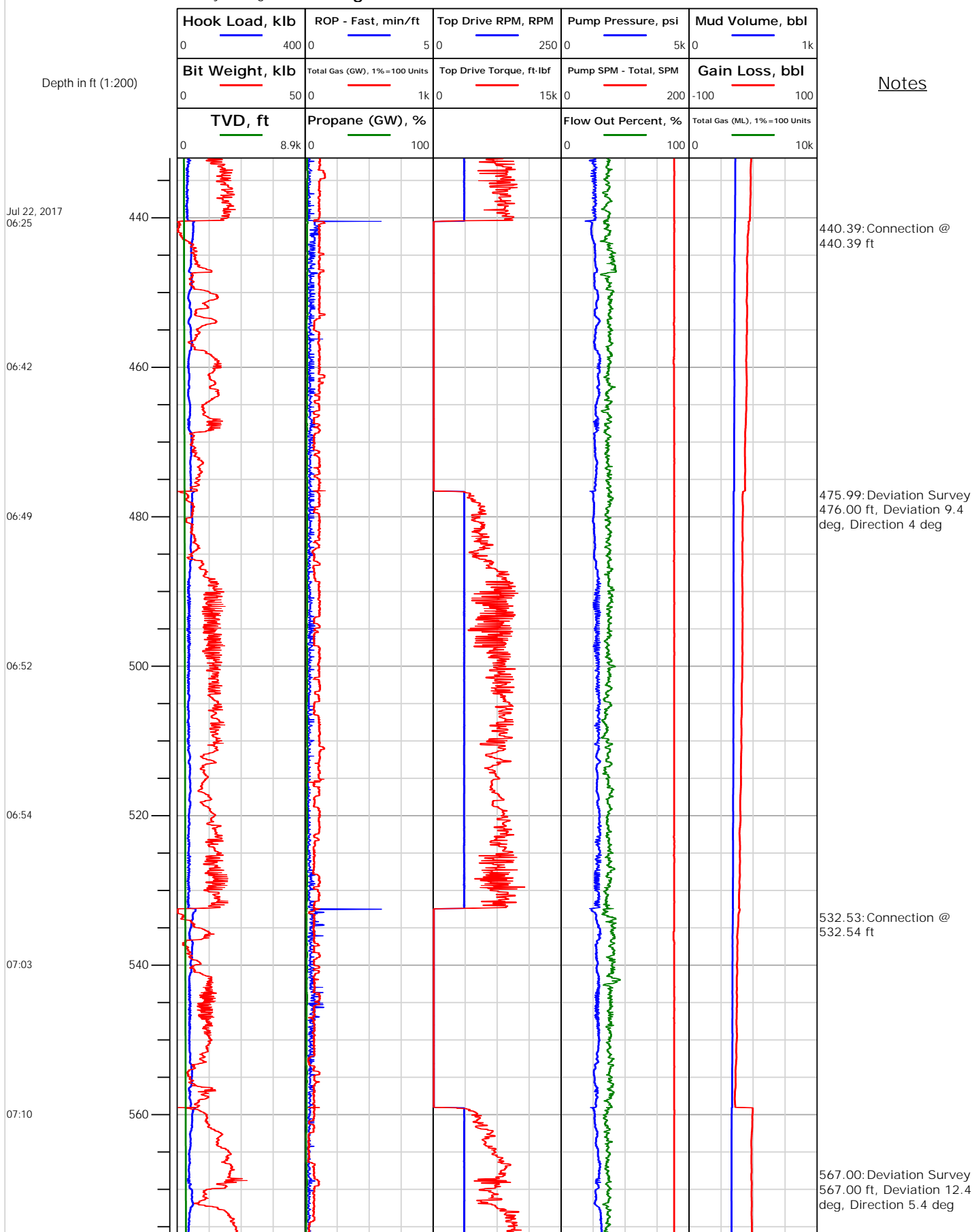


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Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W





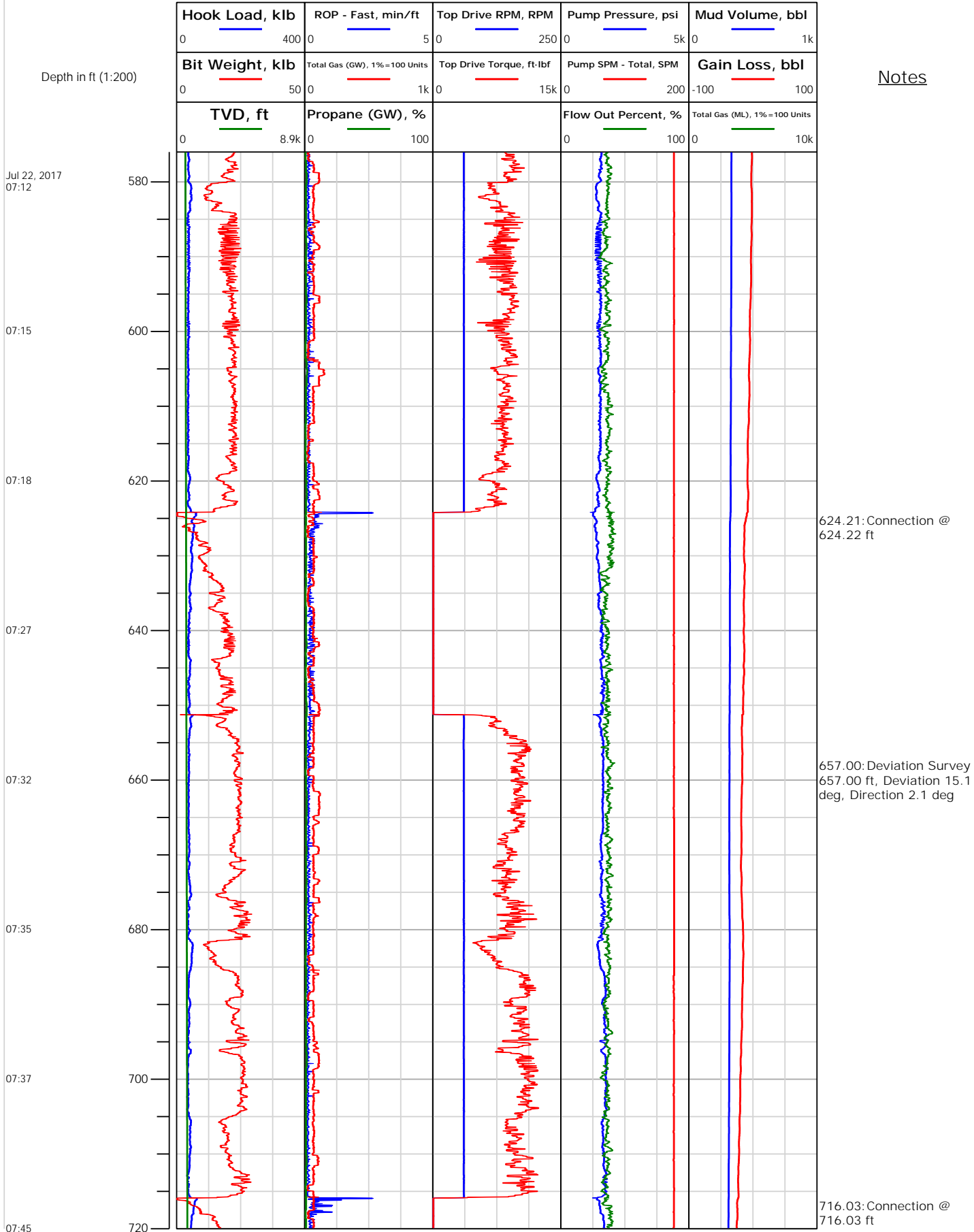
Electronic Drilling Recorder

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Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

Notes





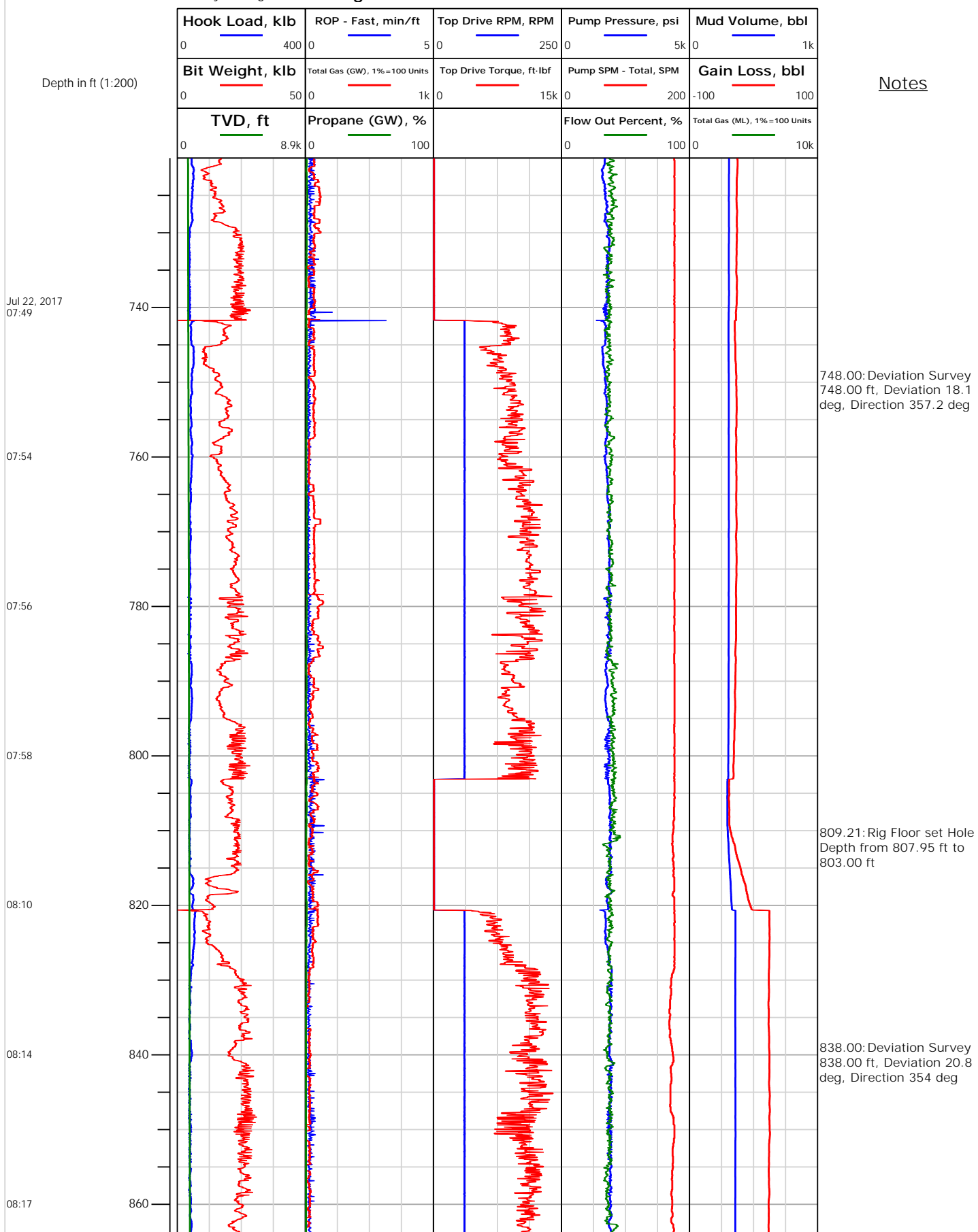
Electronic Drilling Recorder

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Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

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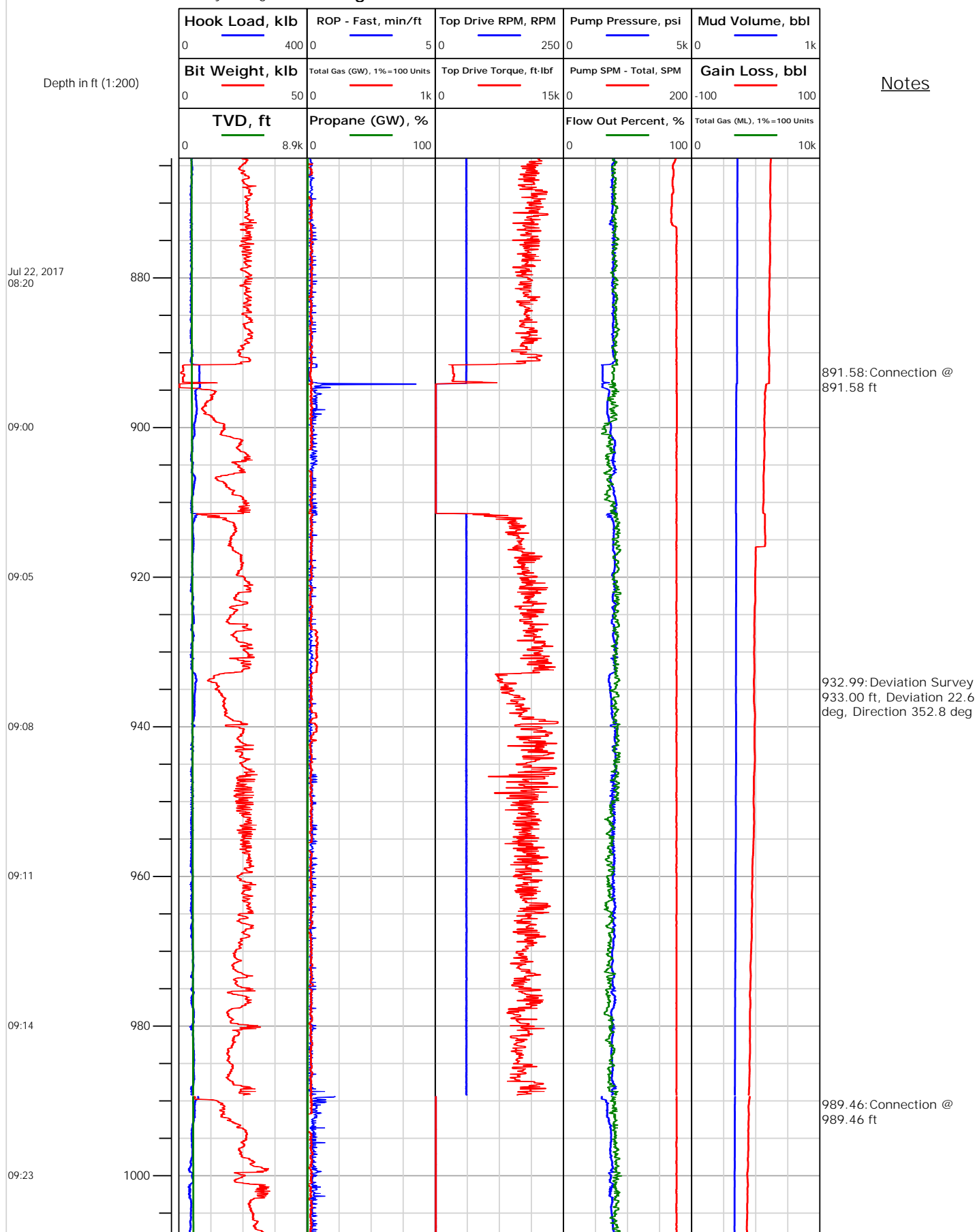
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Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

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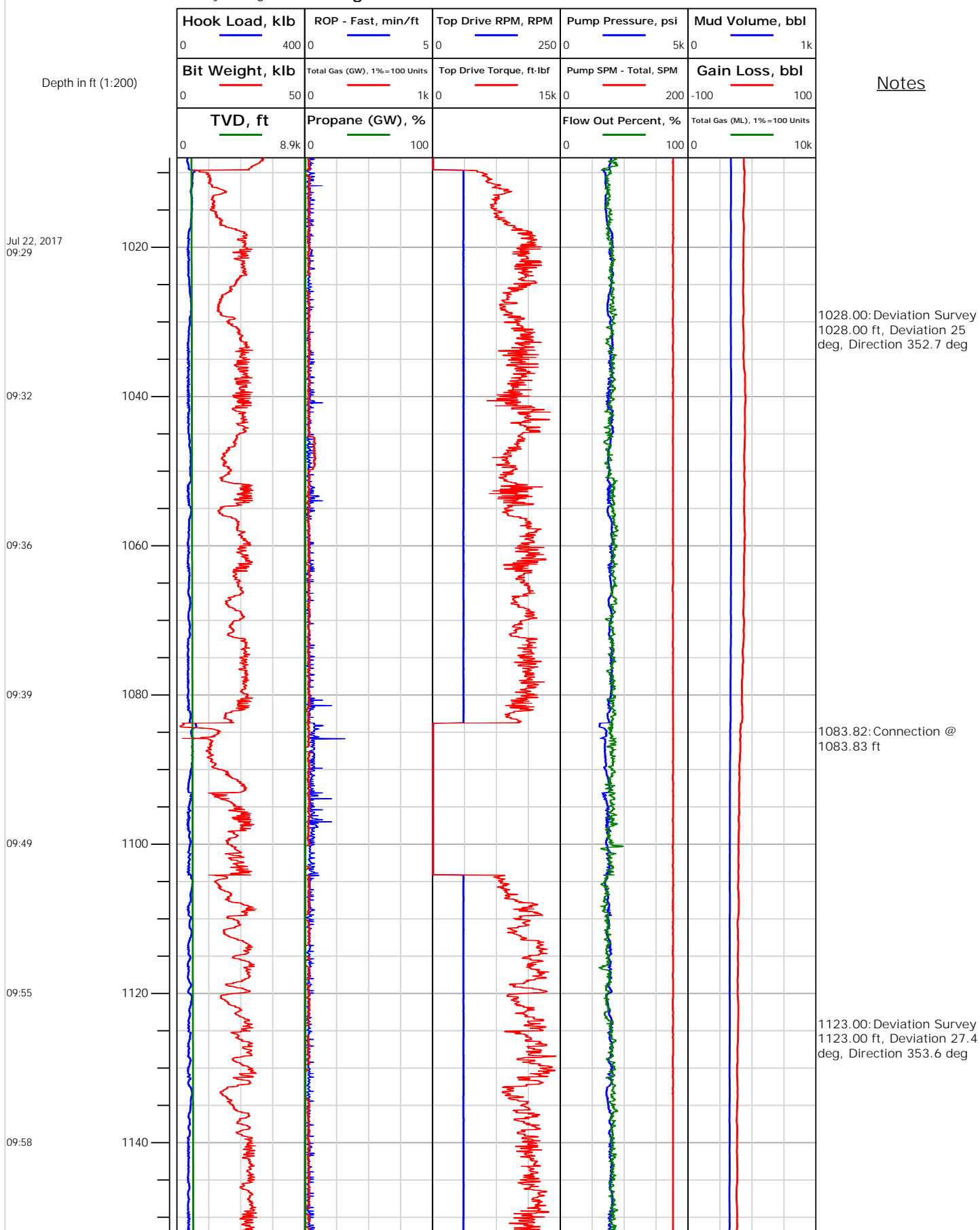
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Rig: 290

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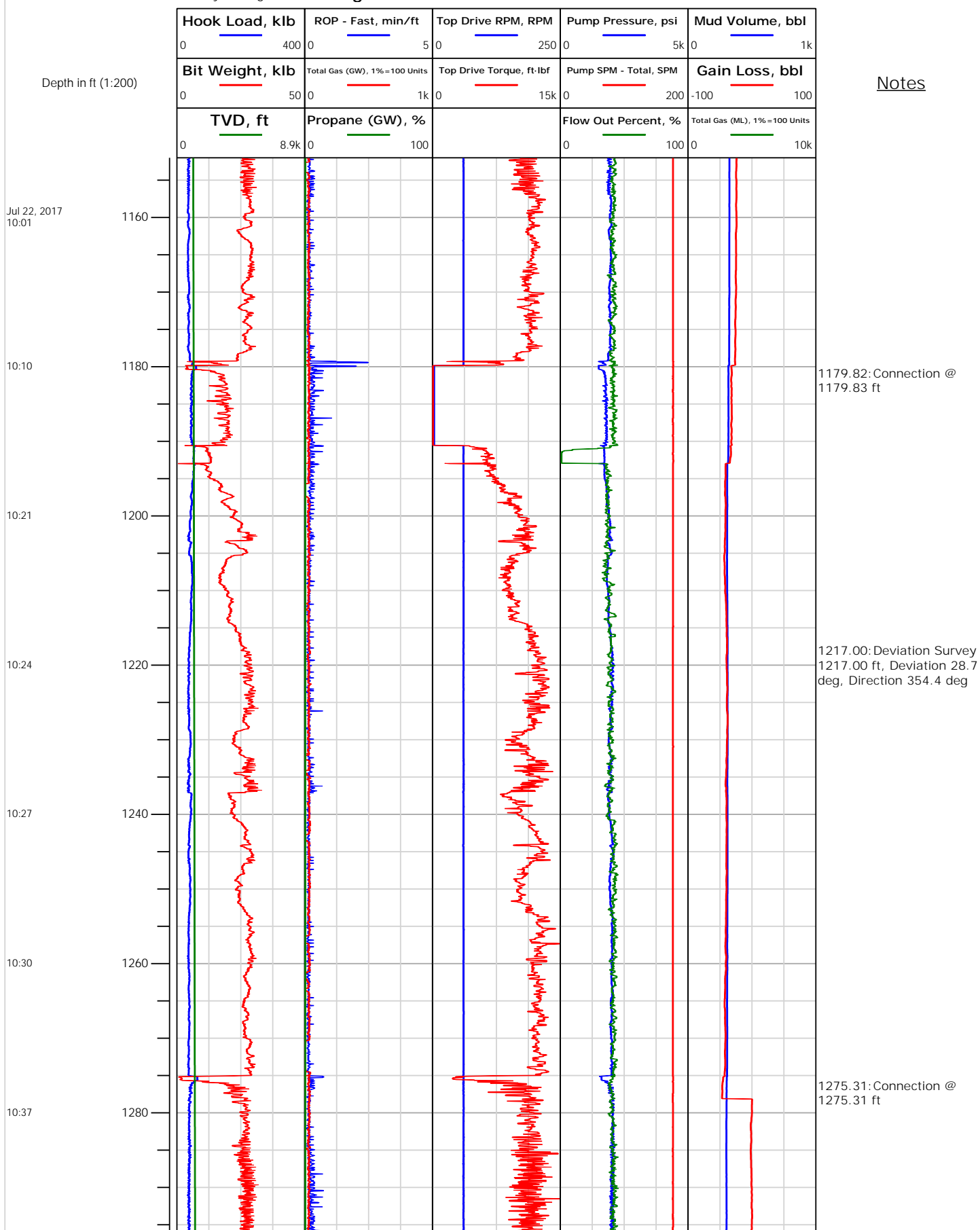
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Rig: 290

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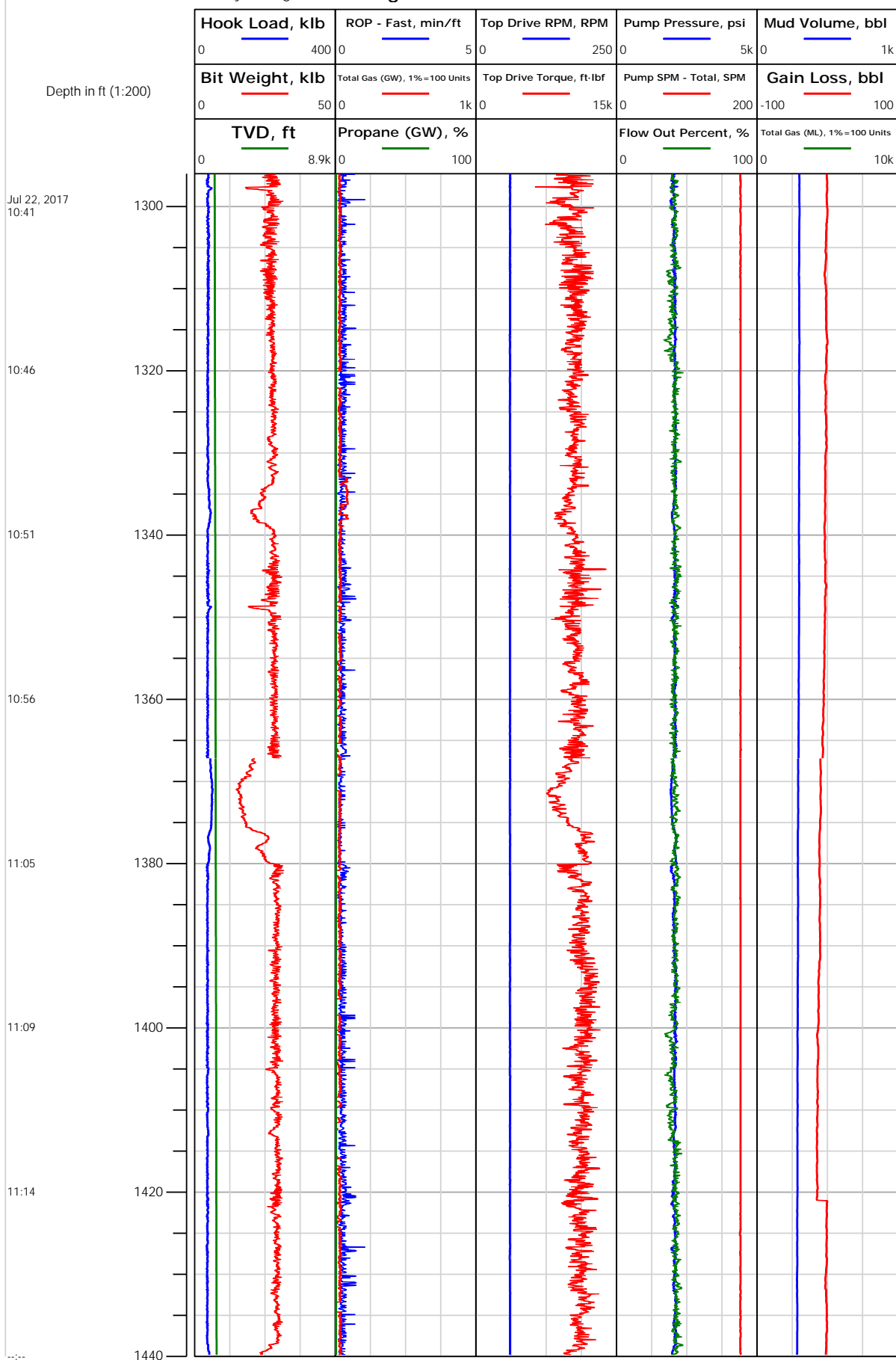


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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W



Notes

1312.00: Deviation Survey
1312.00 ft, Deviation 29.2
deg, Direction 355 deg

1370.37: Connection @
1370.37 ft
1372.29: Rig Floor set Hole
Depth from 1370.37 ft to
1367.00 ft



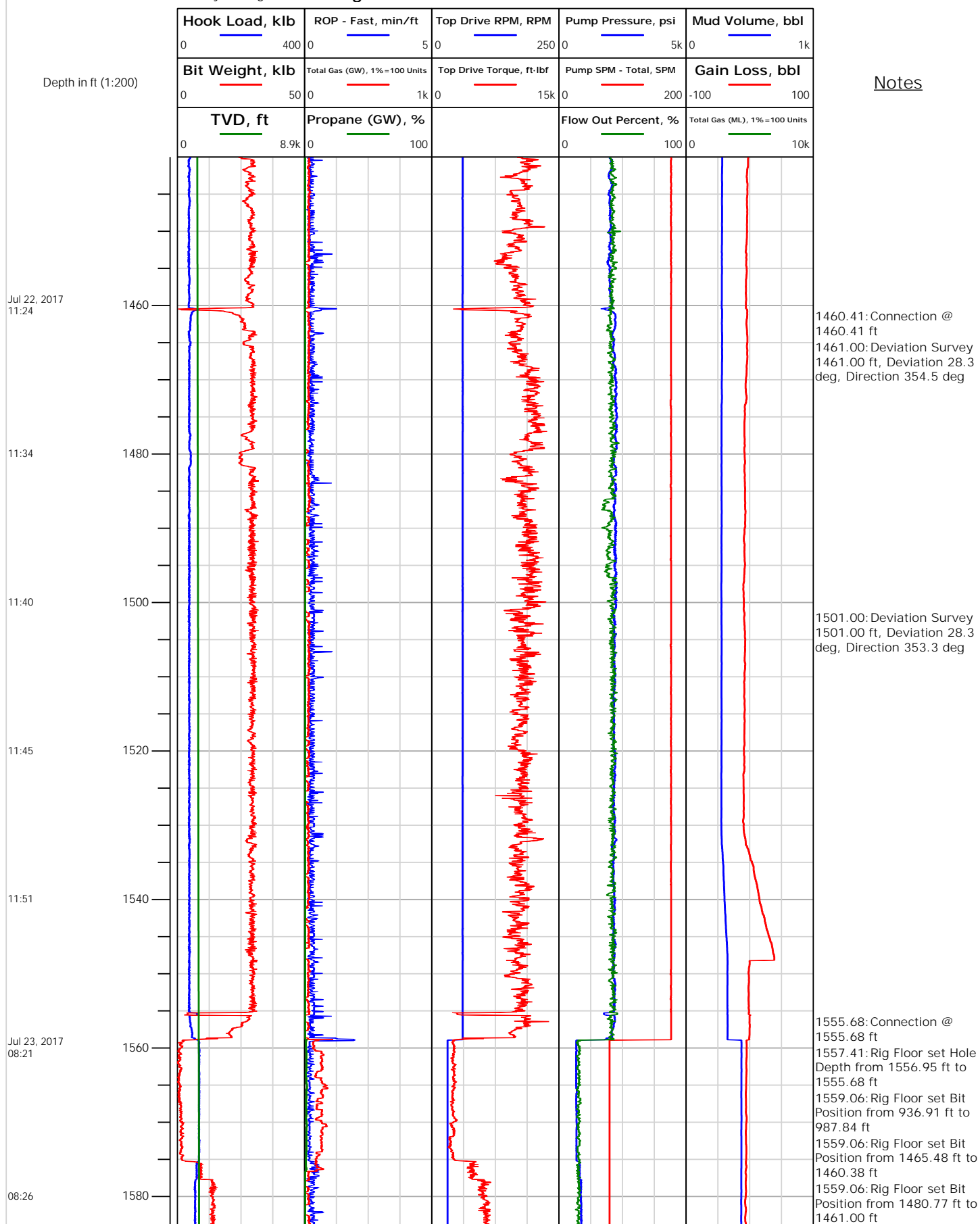
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Rig: 290

Location: SECTION 30 T9S R93W

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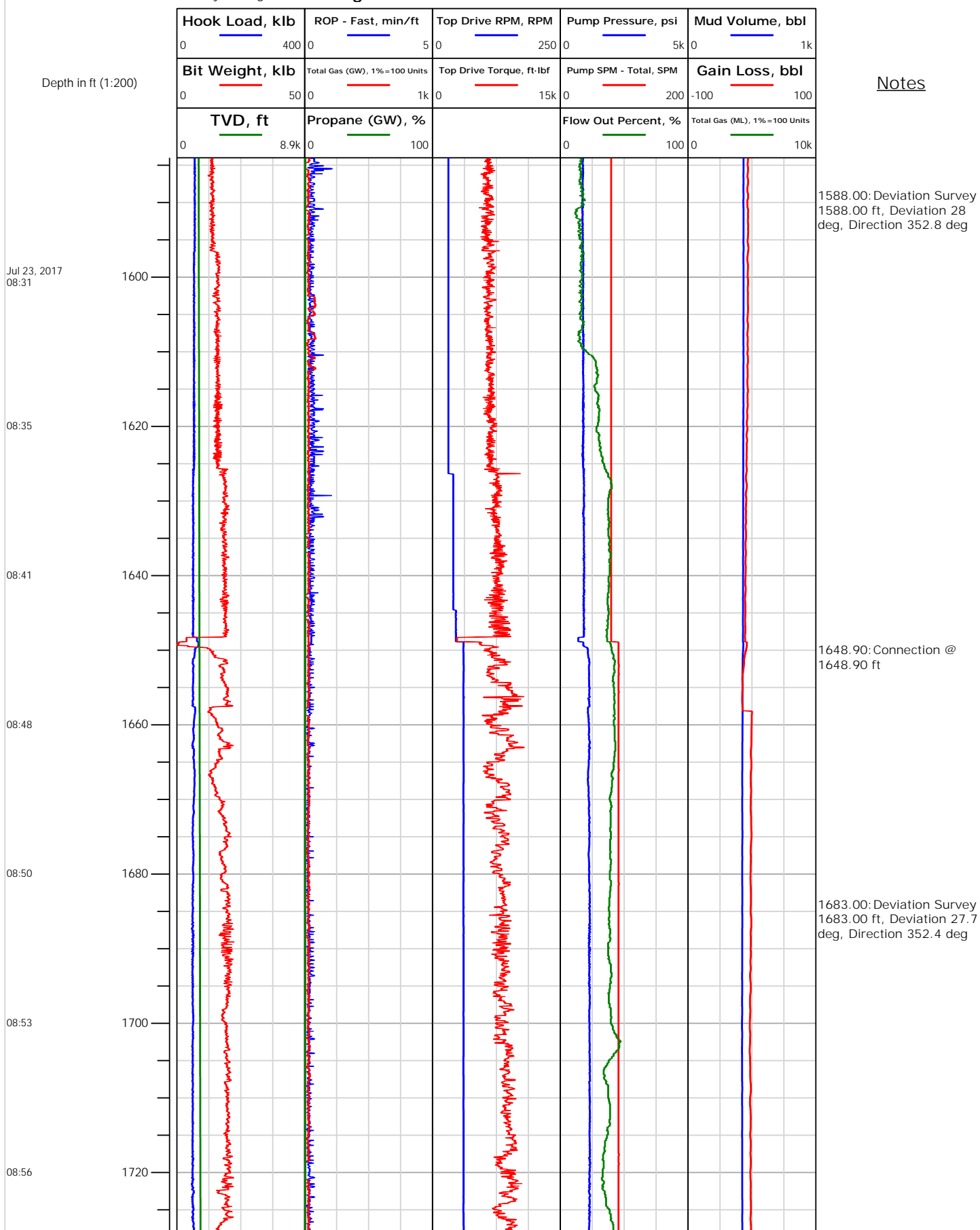
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Rig: 290

Location: SECTION 30 T9S R93W

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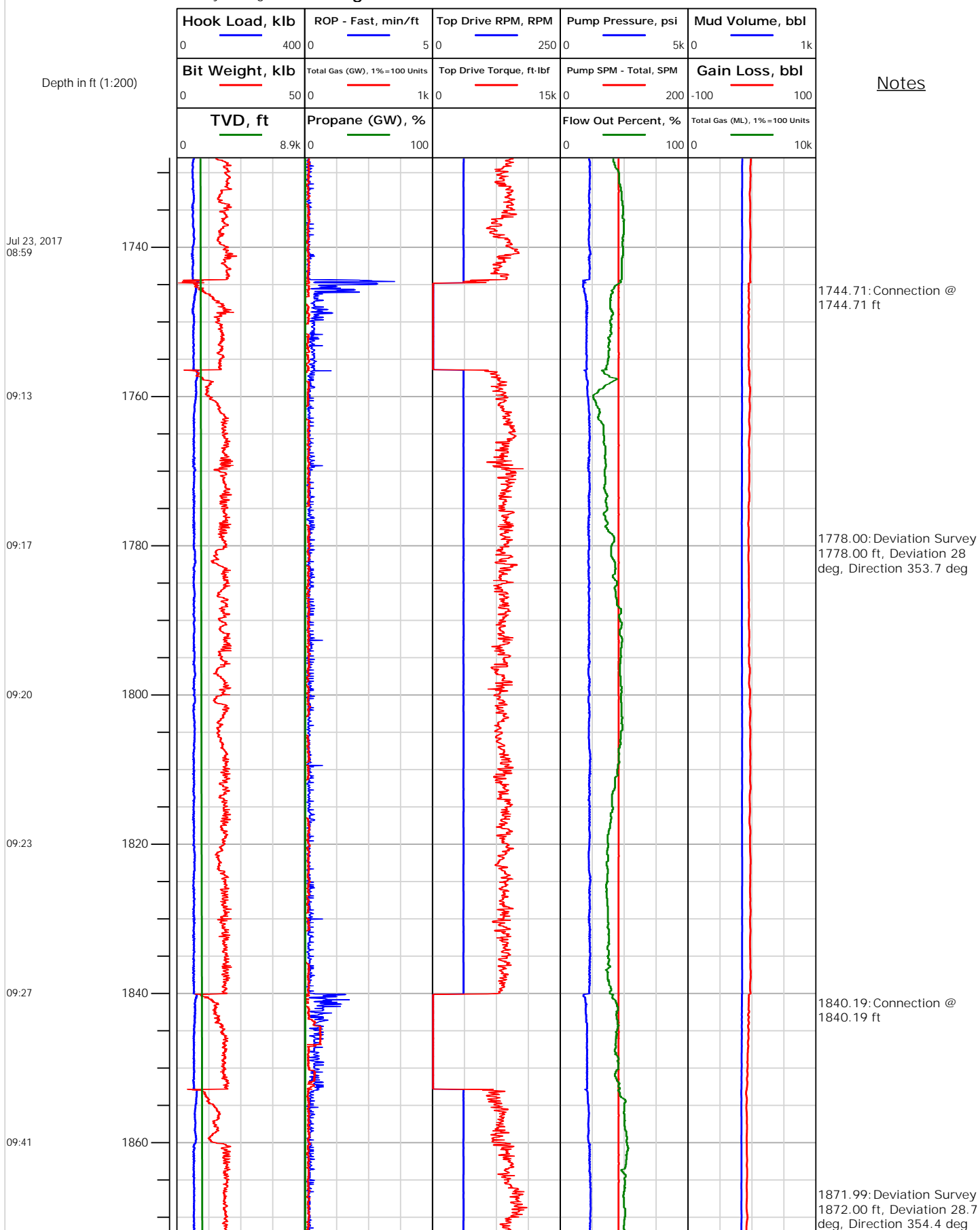
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Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

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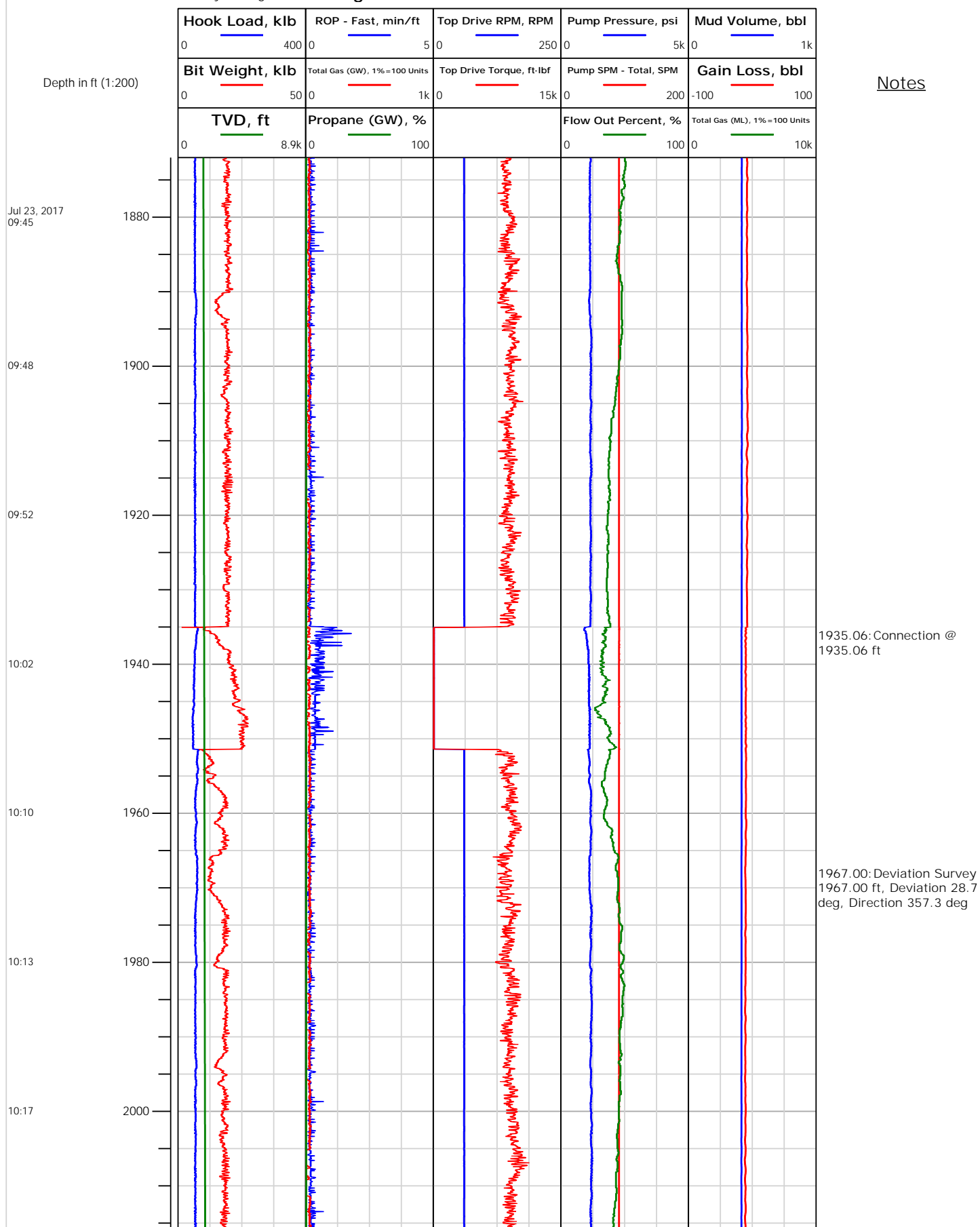
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Well Name: Bruton 19-12E
Rig: 290

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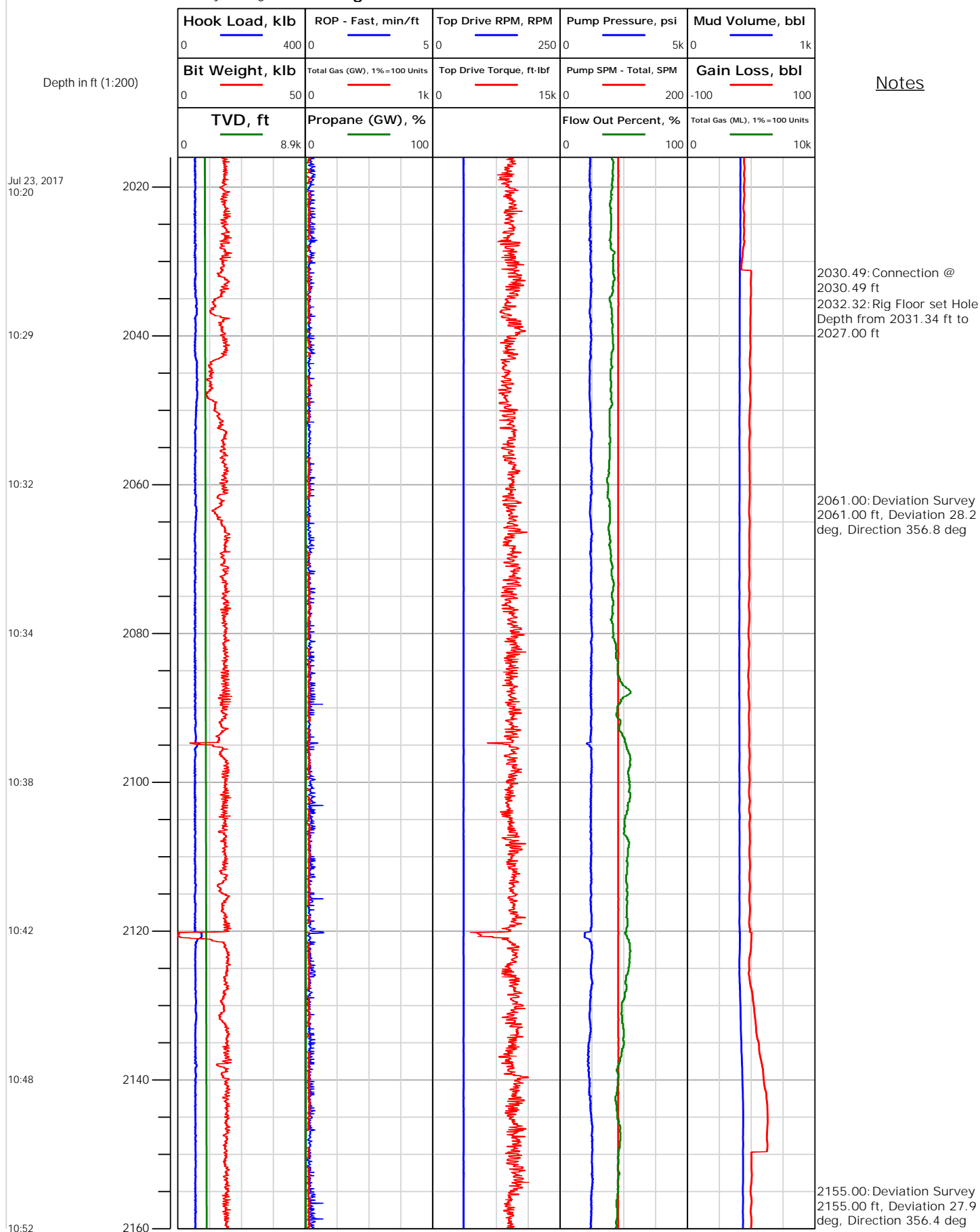


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Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

Notes

Depth in ft (1:200)

Jul 23, 2017
10:56

10:59

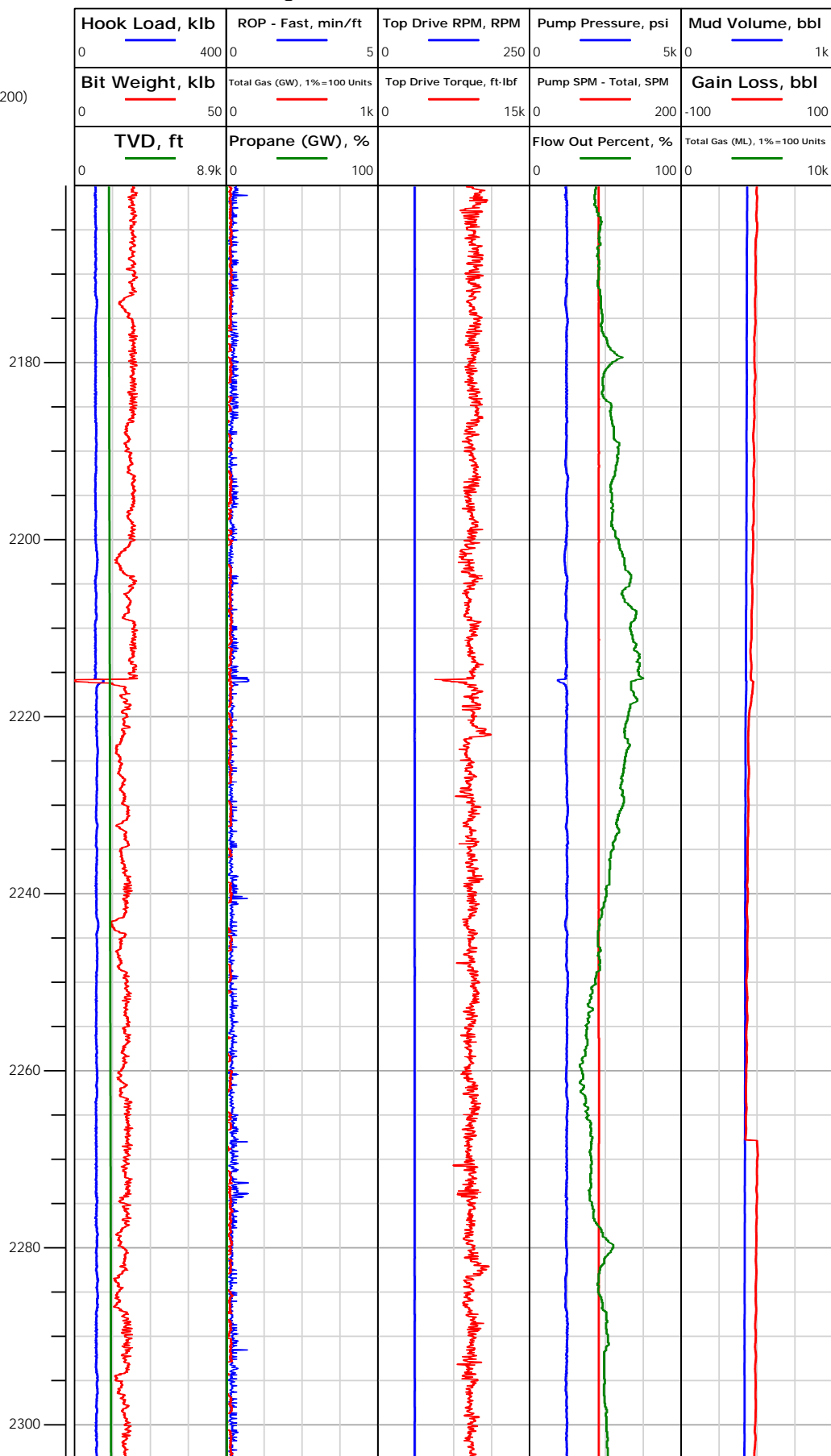
11:06

11:09

11:13

11:17

11:20





Electronic Drilling Recorder

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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

Notes

Depth in ft (1:200)

Jul 23, 2017
11:28

11:31

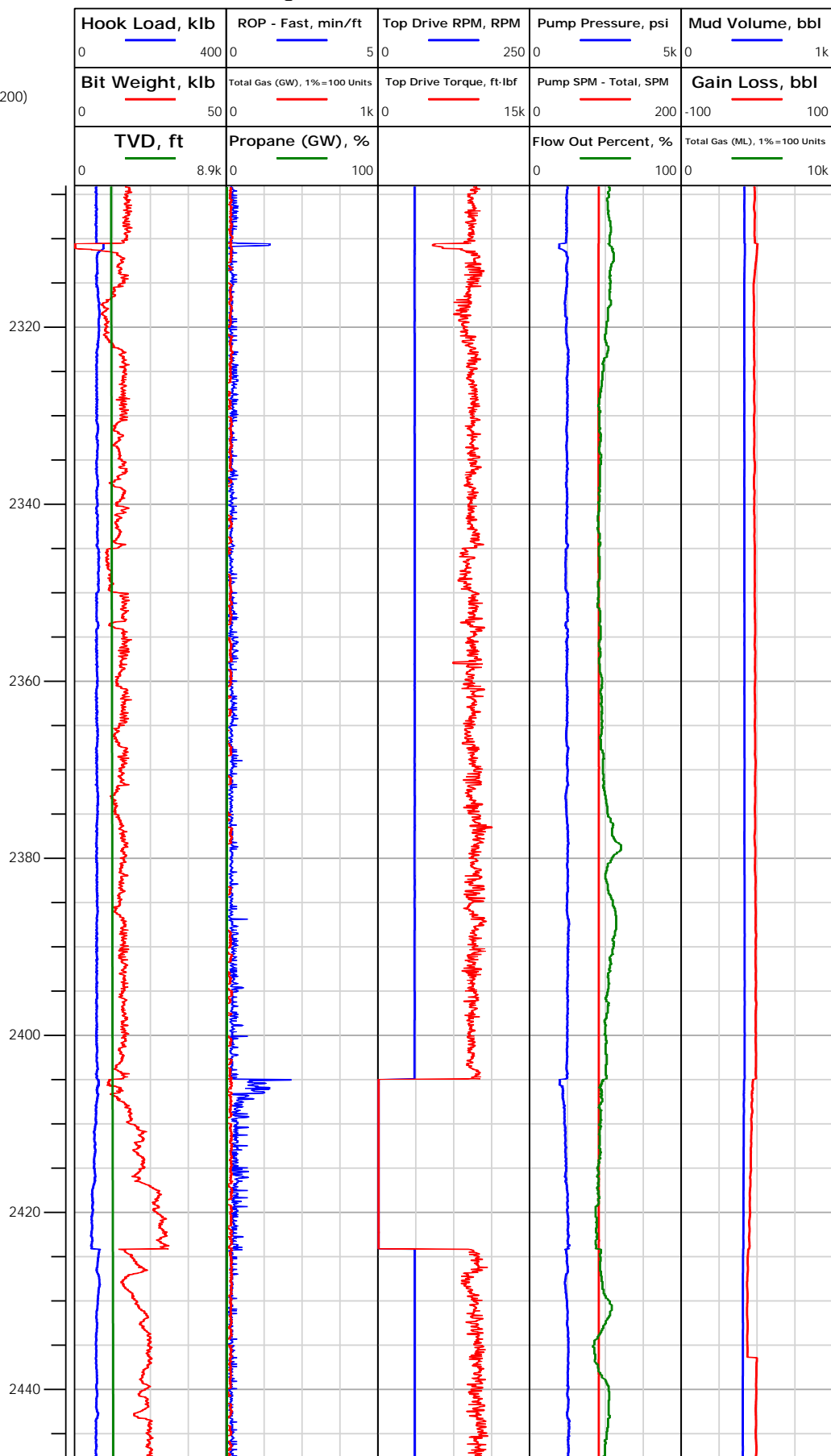
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11:38

11:42

11:54

11:59





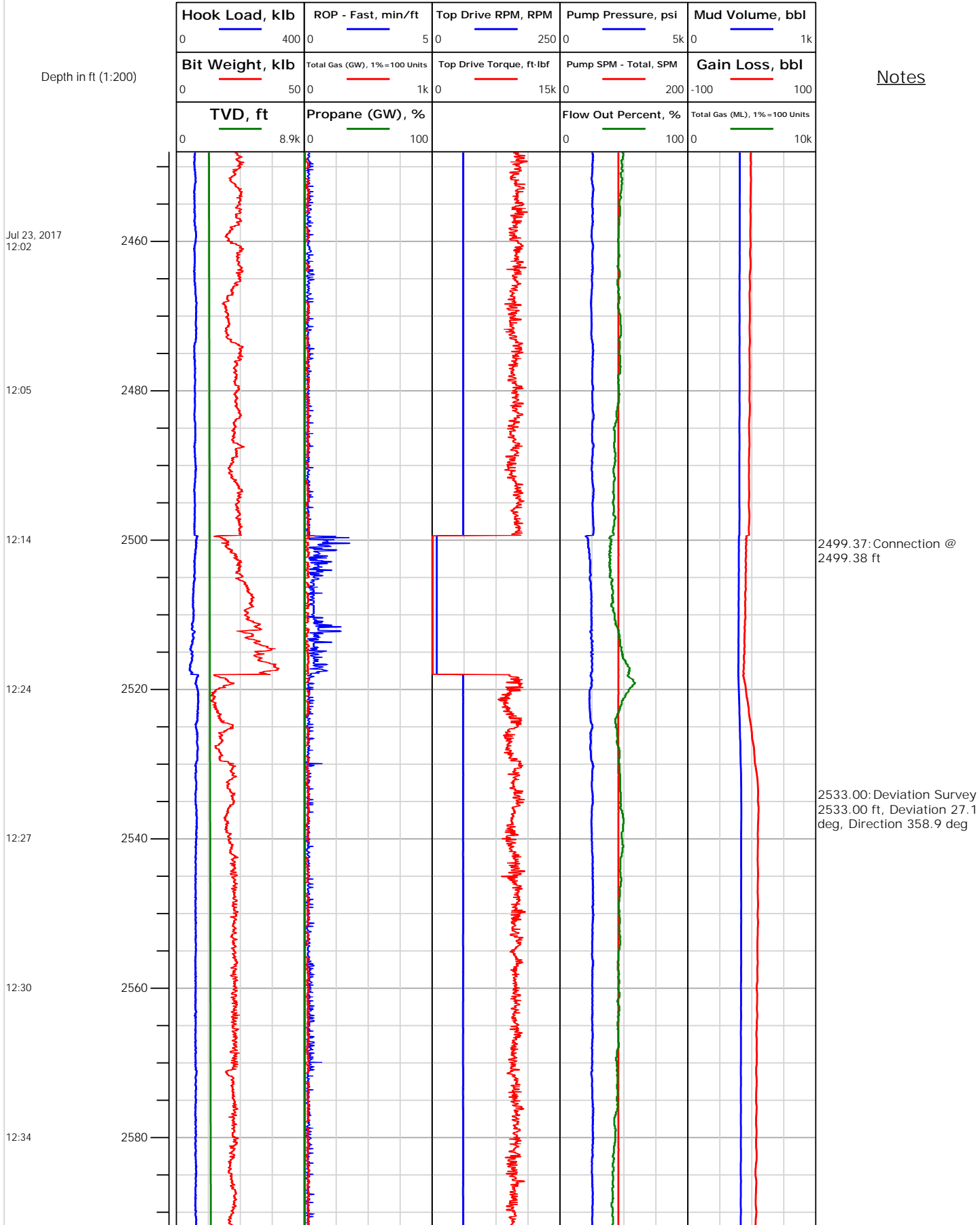
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Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

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Electronic Drilling Recorder

Operator: Laramie Energy
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Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

Notes

Depth in ft (1:200)

Jul 23, 2017
12:45

12:54

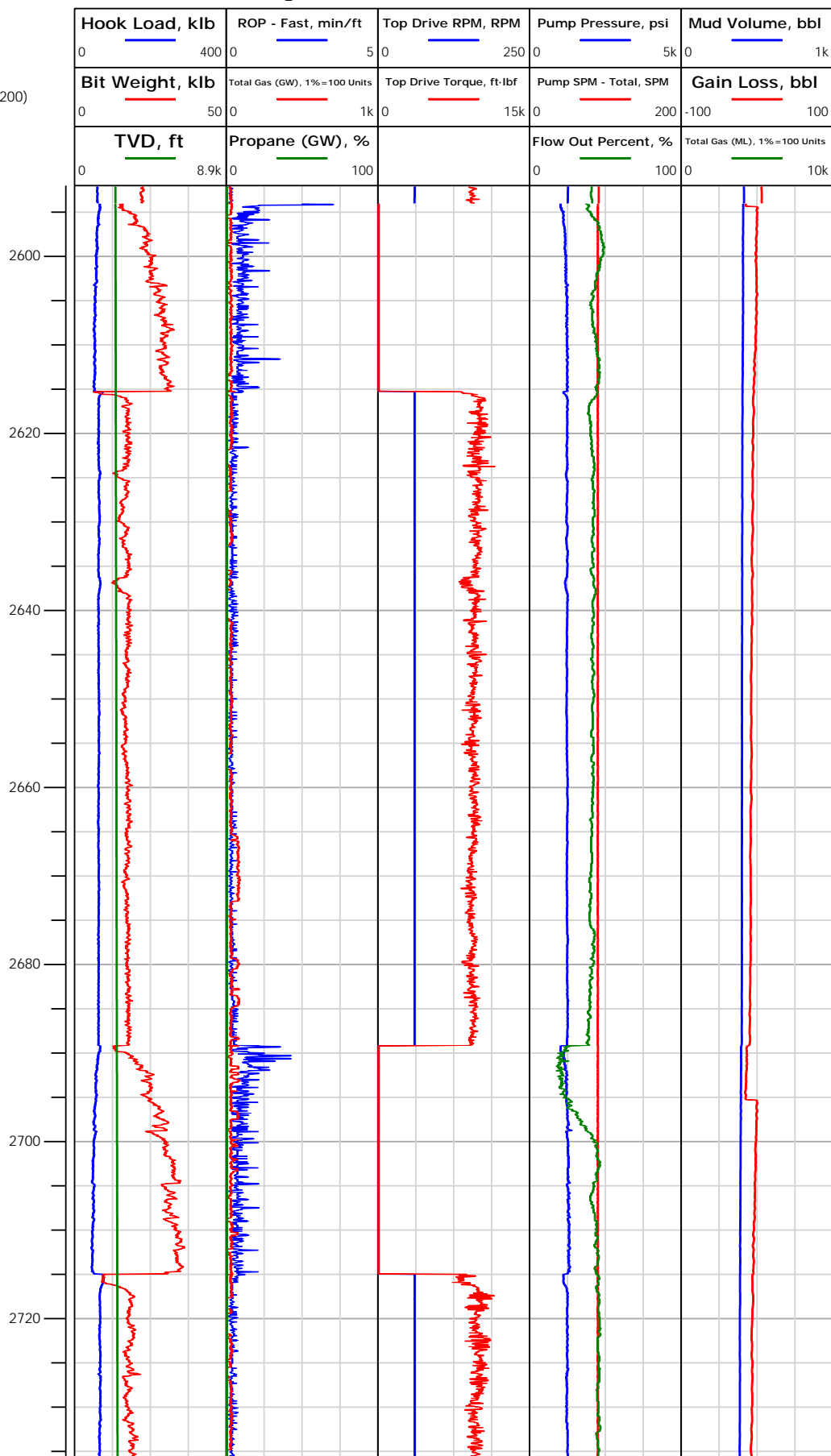
12:58

13:01

13:04

13:17

13:25





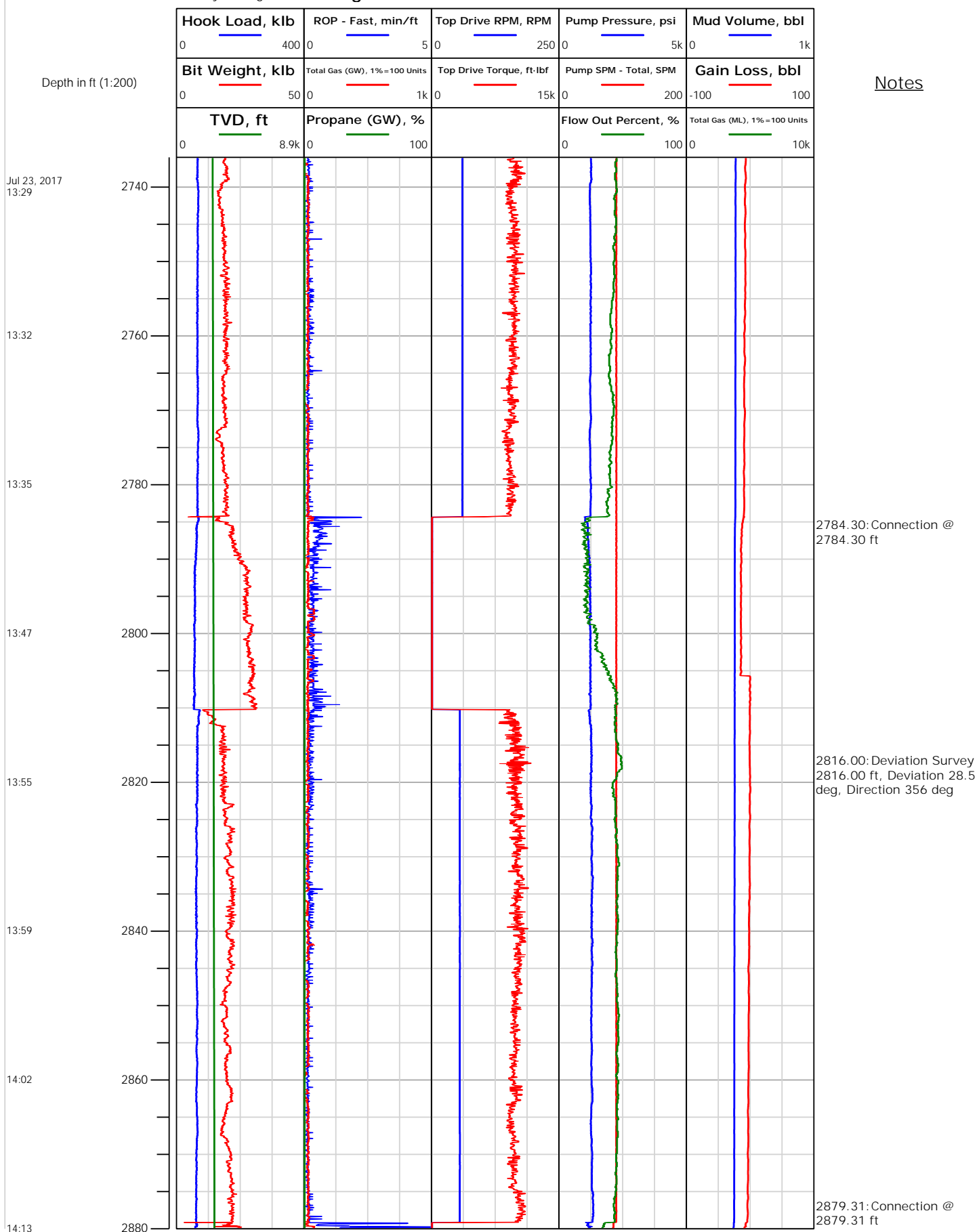
Electronic Drilling Recorder

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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

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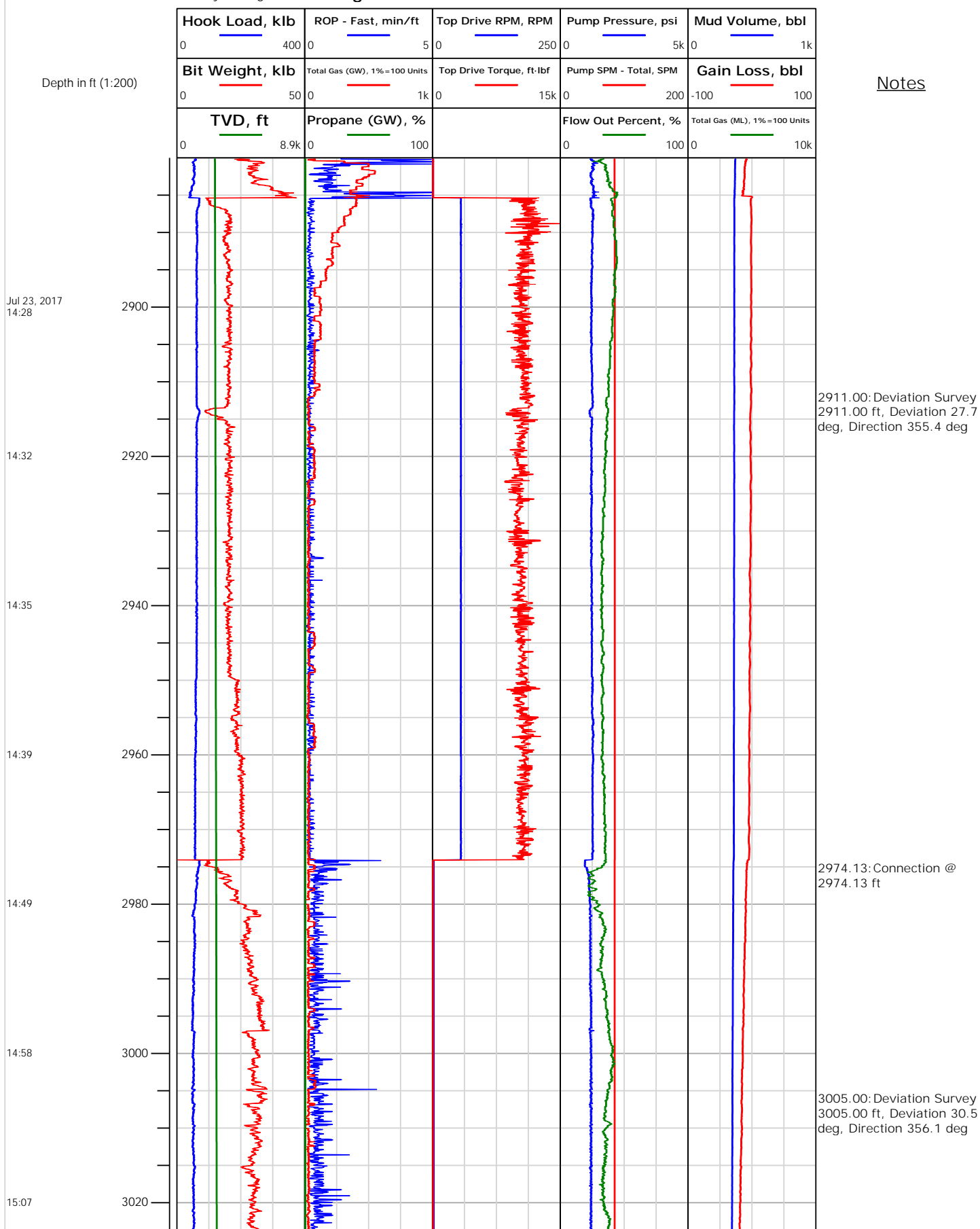
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

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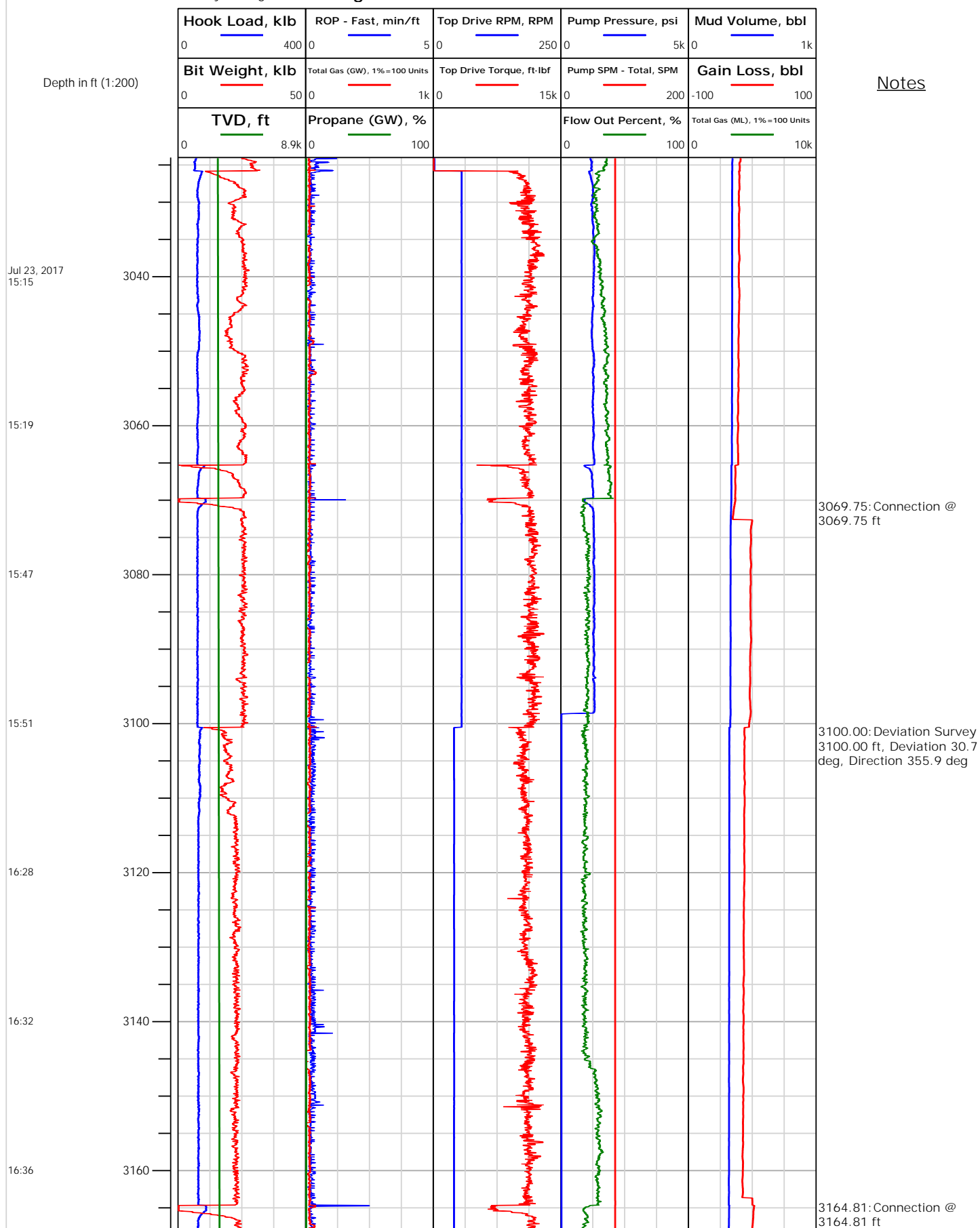
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

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Rig: 290

Location: SECTION 30 T9S R93W

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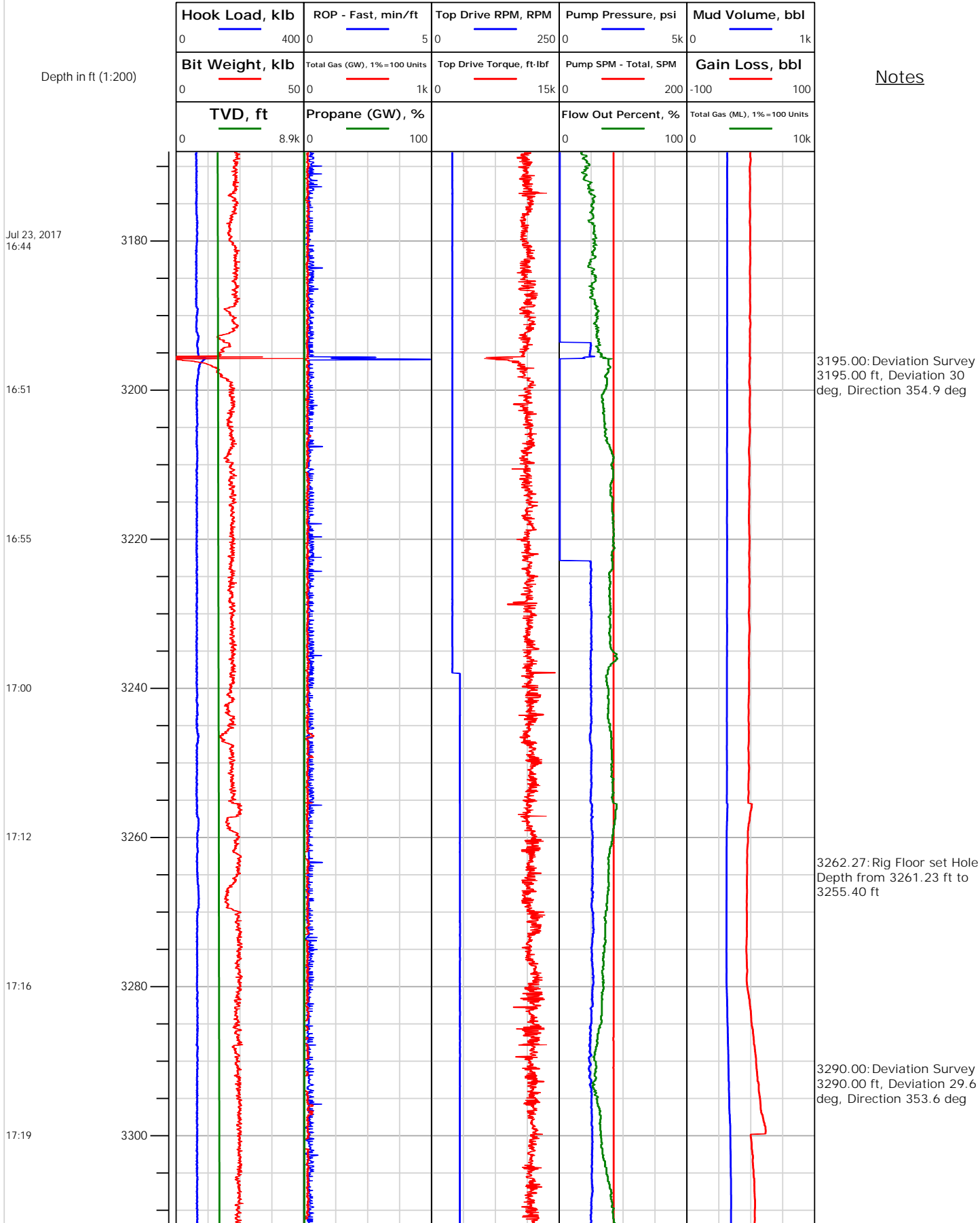
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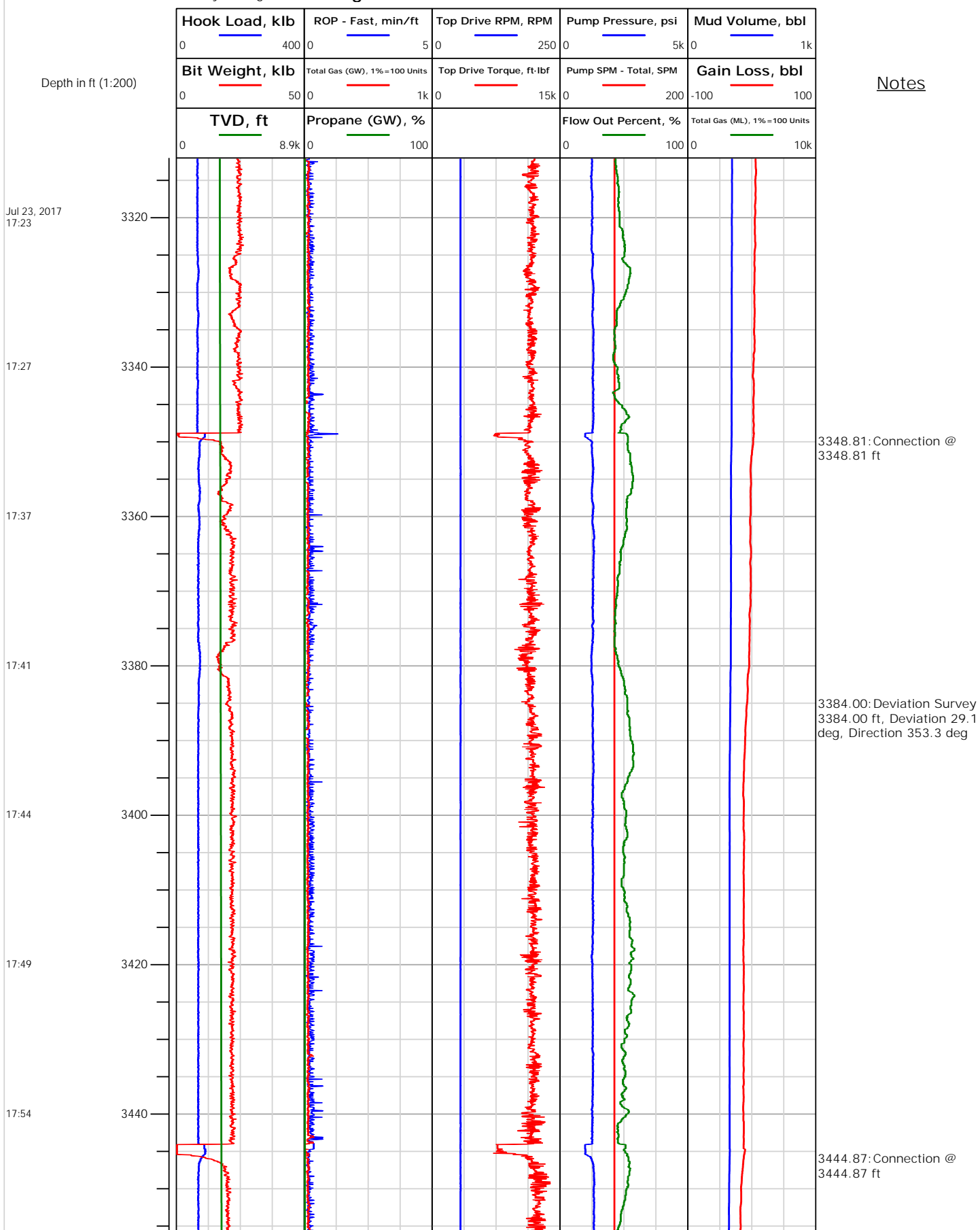
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

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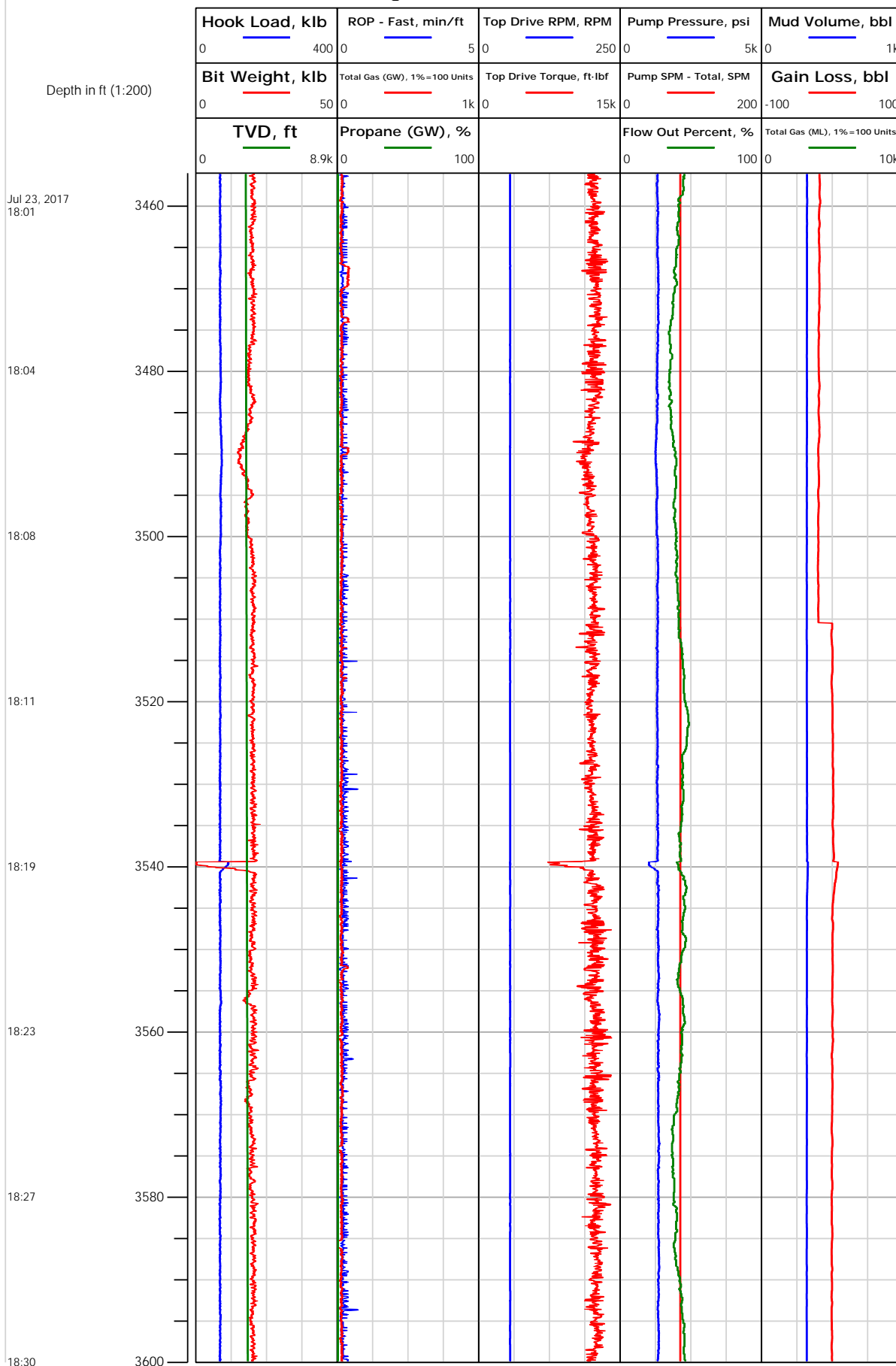
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

Notes



3479.00: Deviation Survey
3479.00 ft, Deviation 28.6 deg, Direction 353.1 deg

3539.42: Connection @
3539.42 ft

3574.00: Deviation Survey
3574.00 ft, Deviation 27.7 deg, Direction 352.4 deg



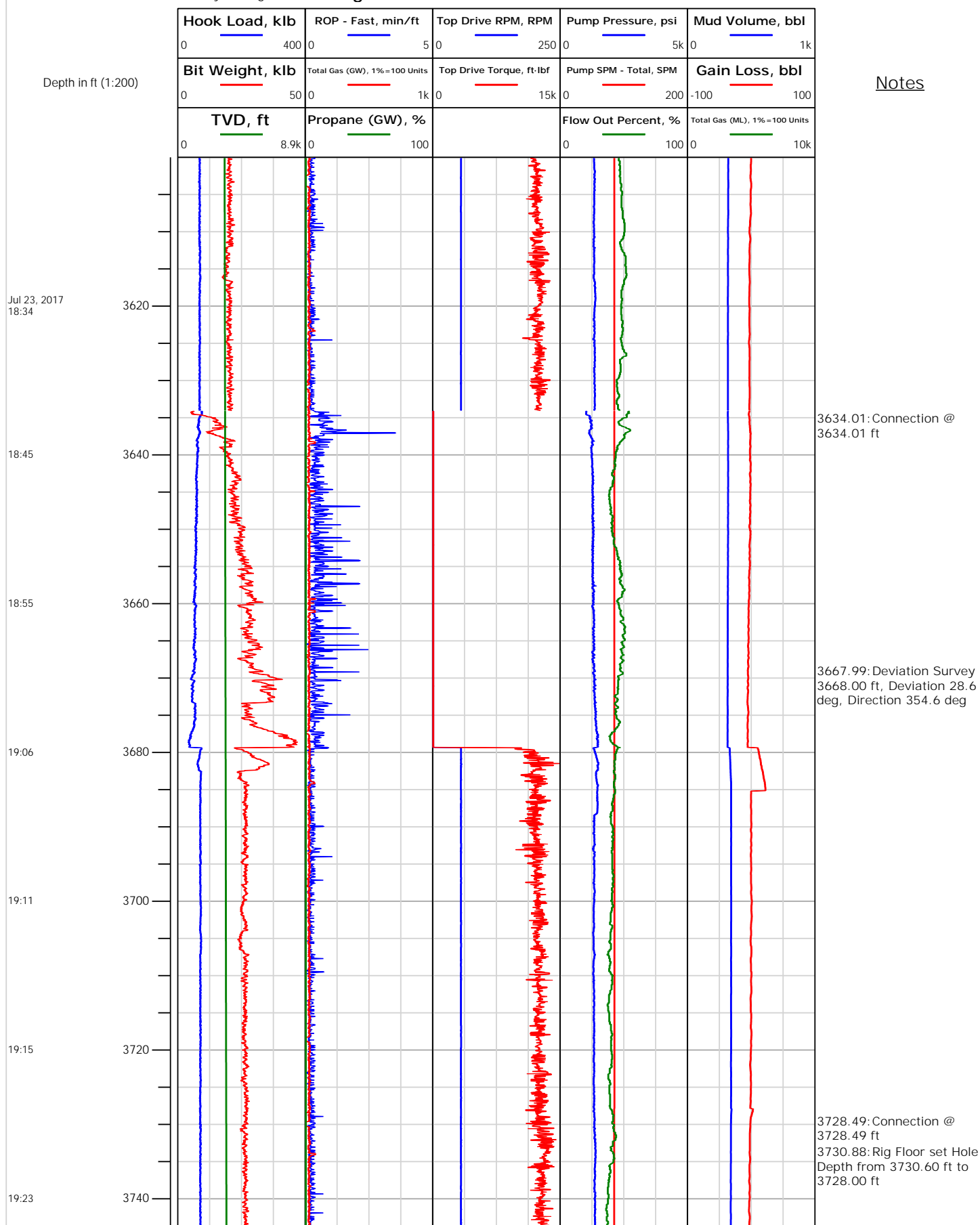
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

Notes





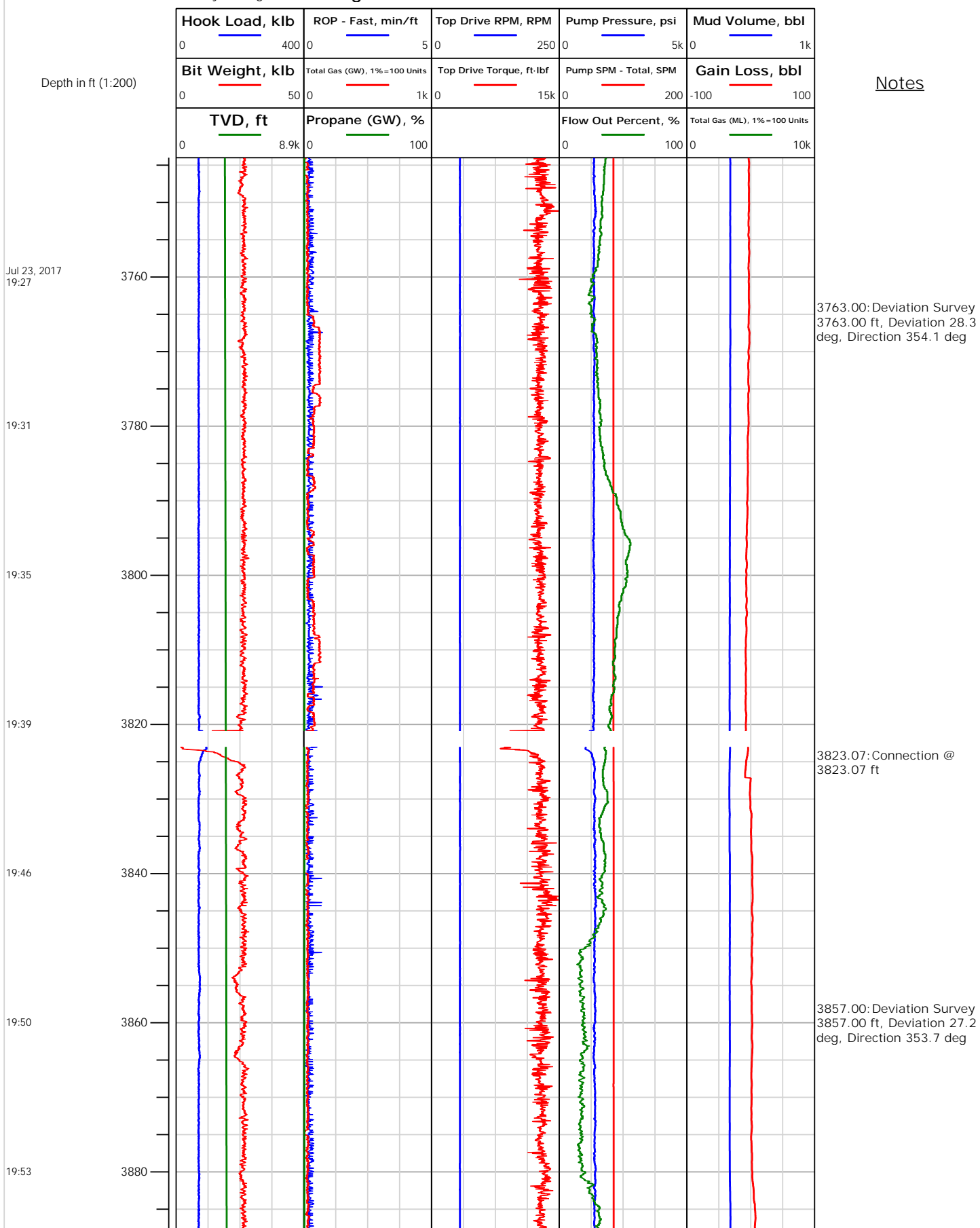
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Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

Notes

Depth in ft (1:200)

Jul 23, 2017
19:58

20:07

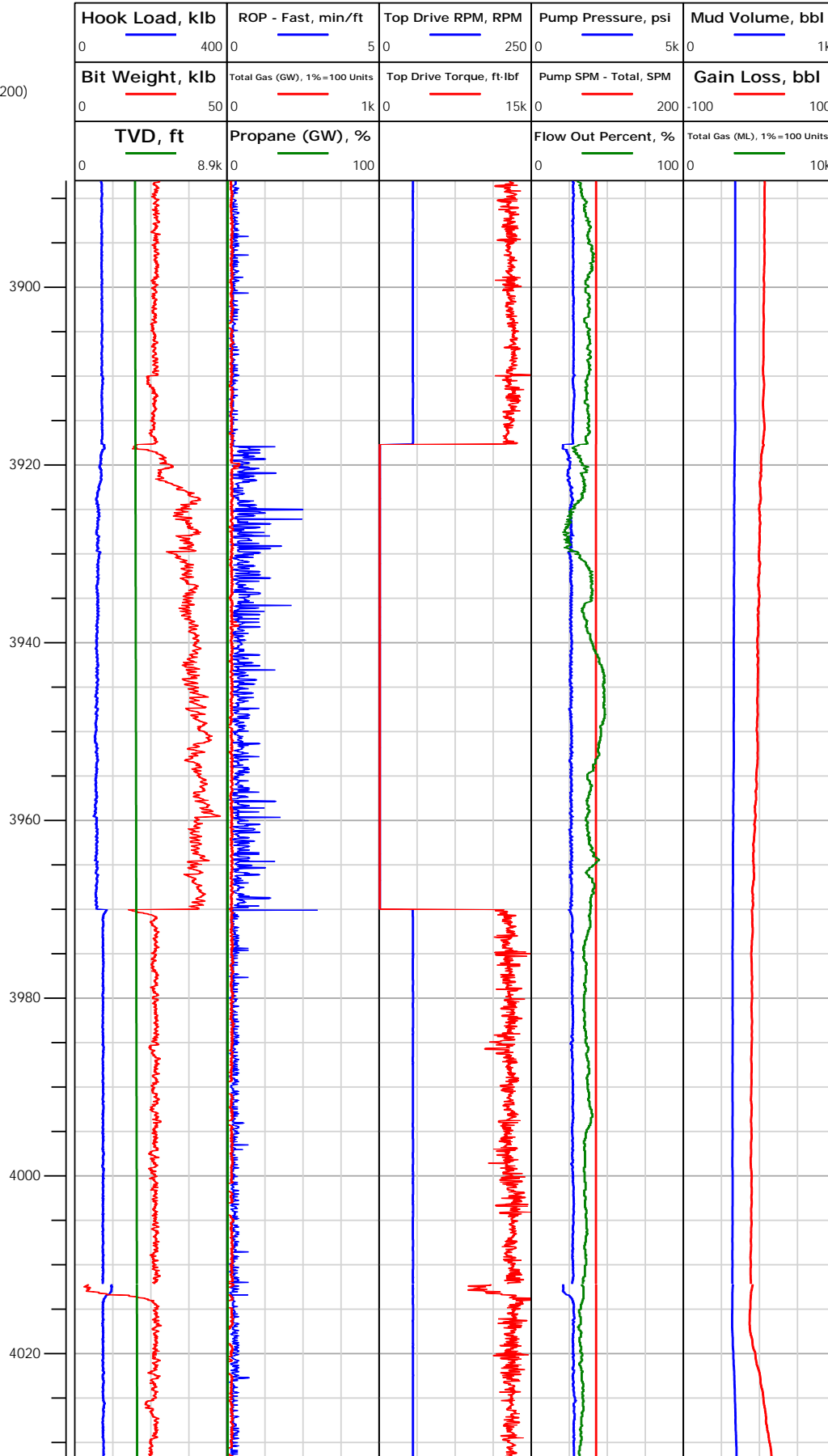
20:17

20:26

20:36

20:40

20:48



3917.66: Connection @
3917.66 ft

3952.00: Deviation Survey
3952.00 ft, Deviation 28.7
deg, Direction 355 deg

4012.34: Connection @
4012.34 ft



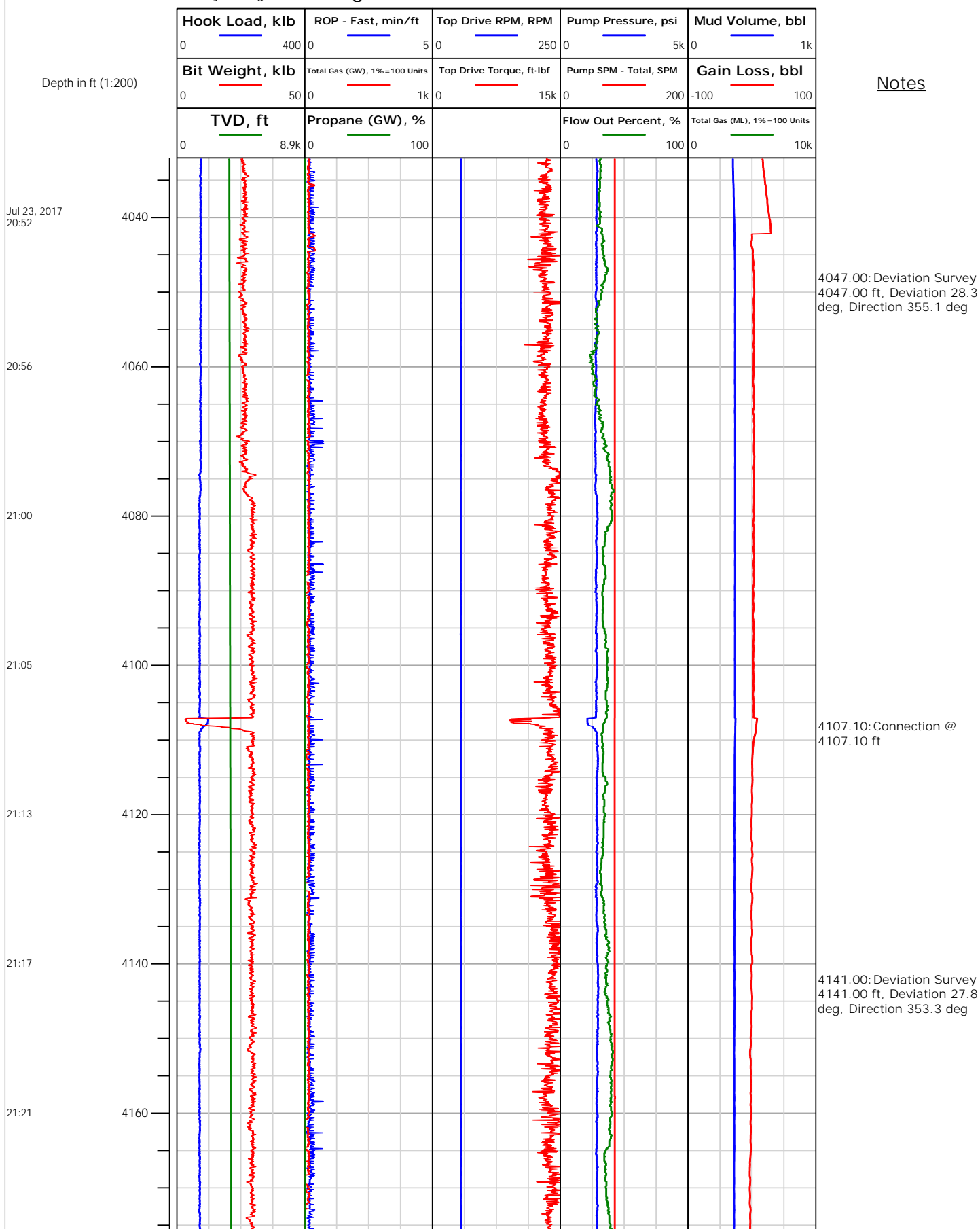
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

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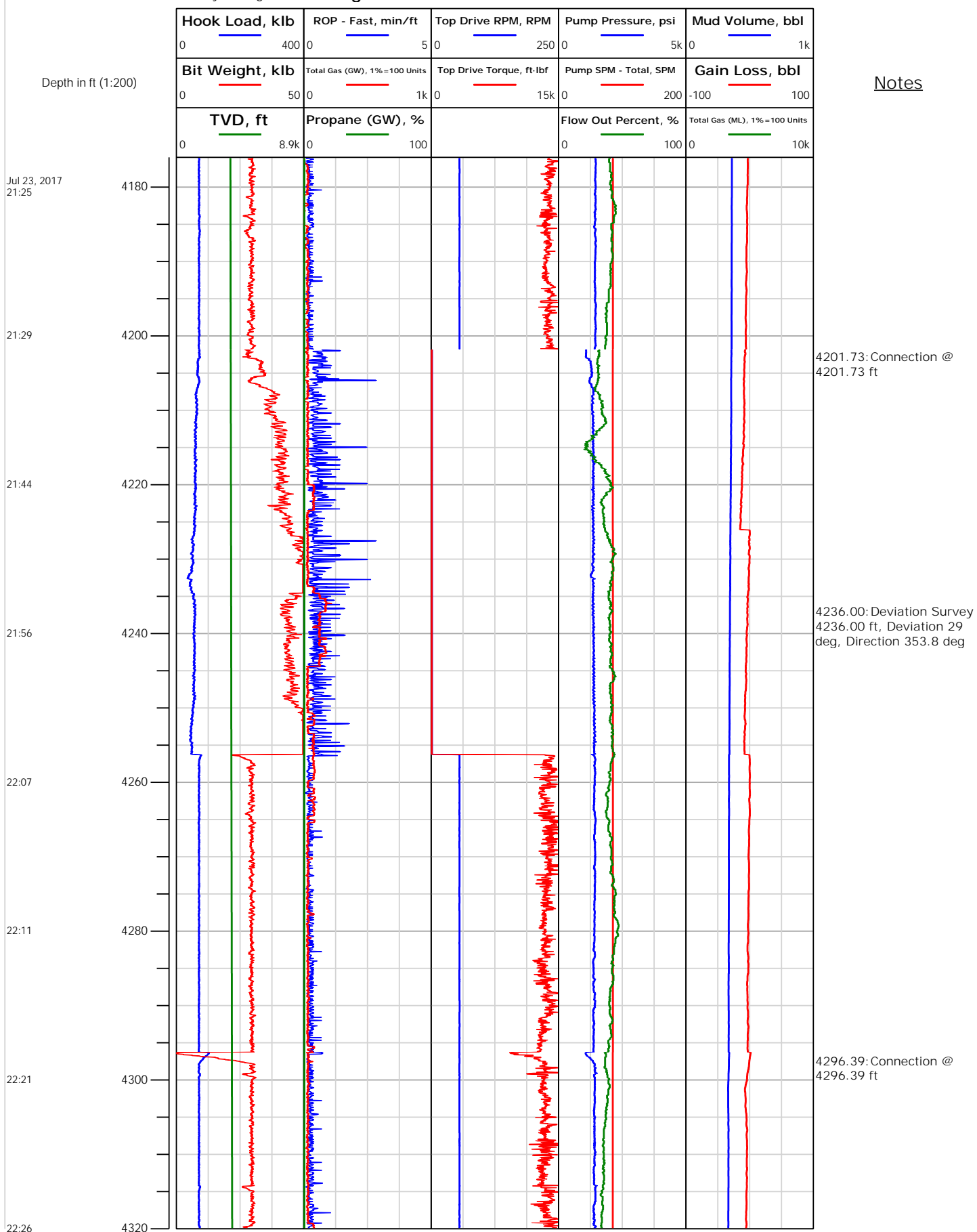
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

Notes





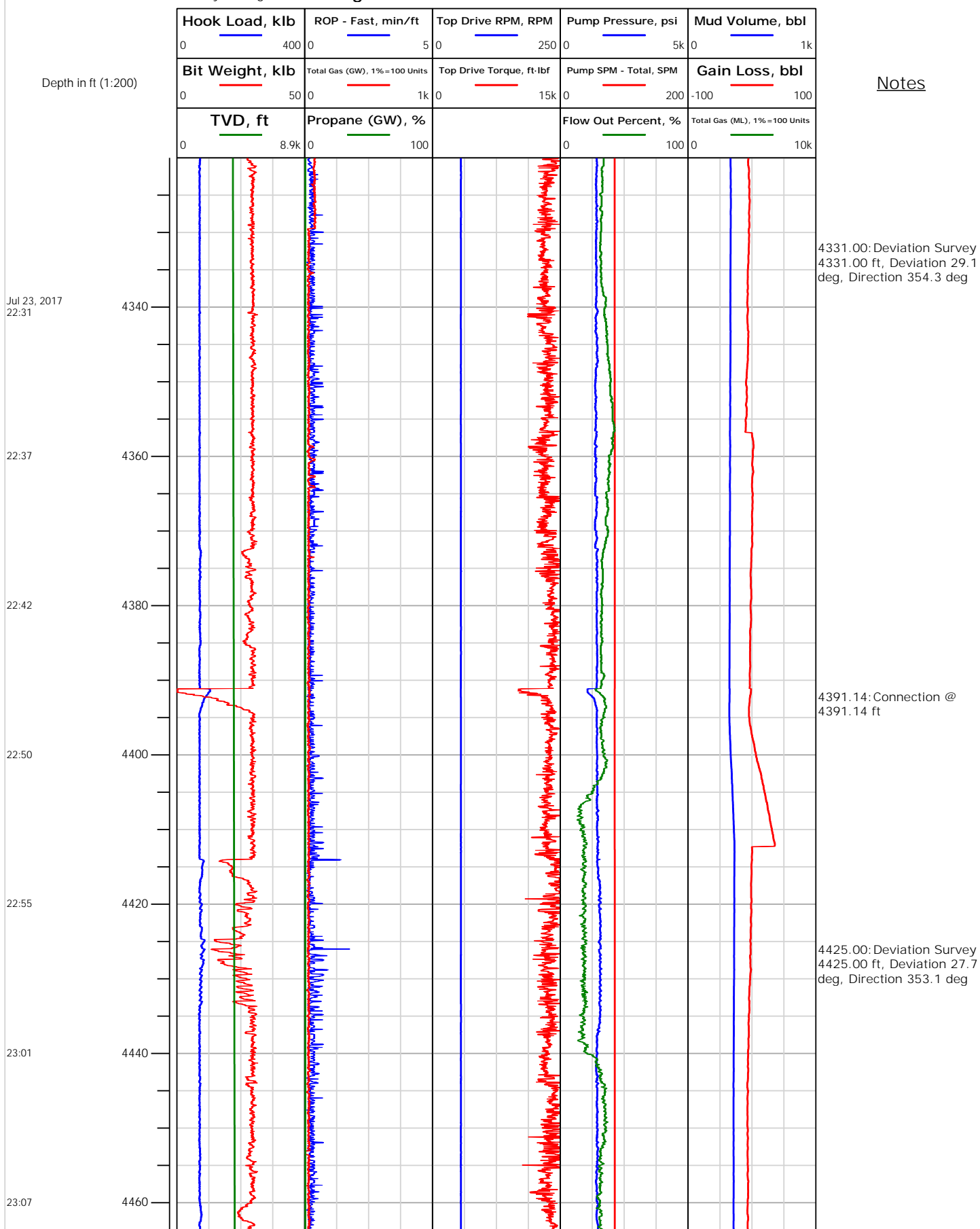
Electronic Drilling Recorder

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Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

Notes

Depth in ft (1:200)

Jul 23, 2017
23:11

23:24

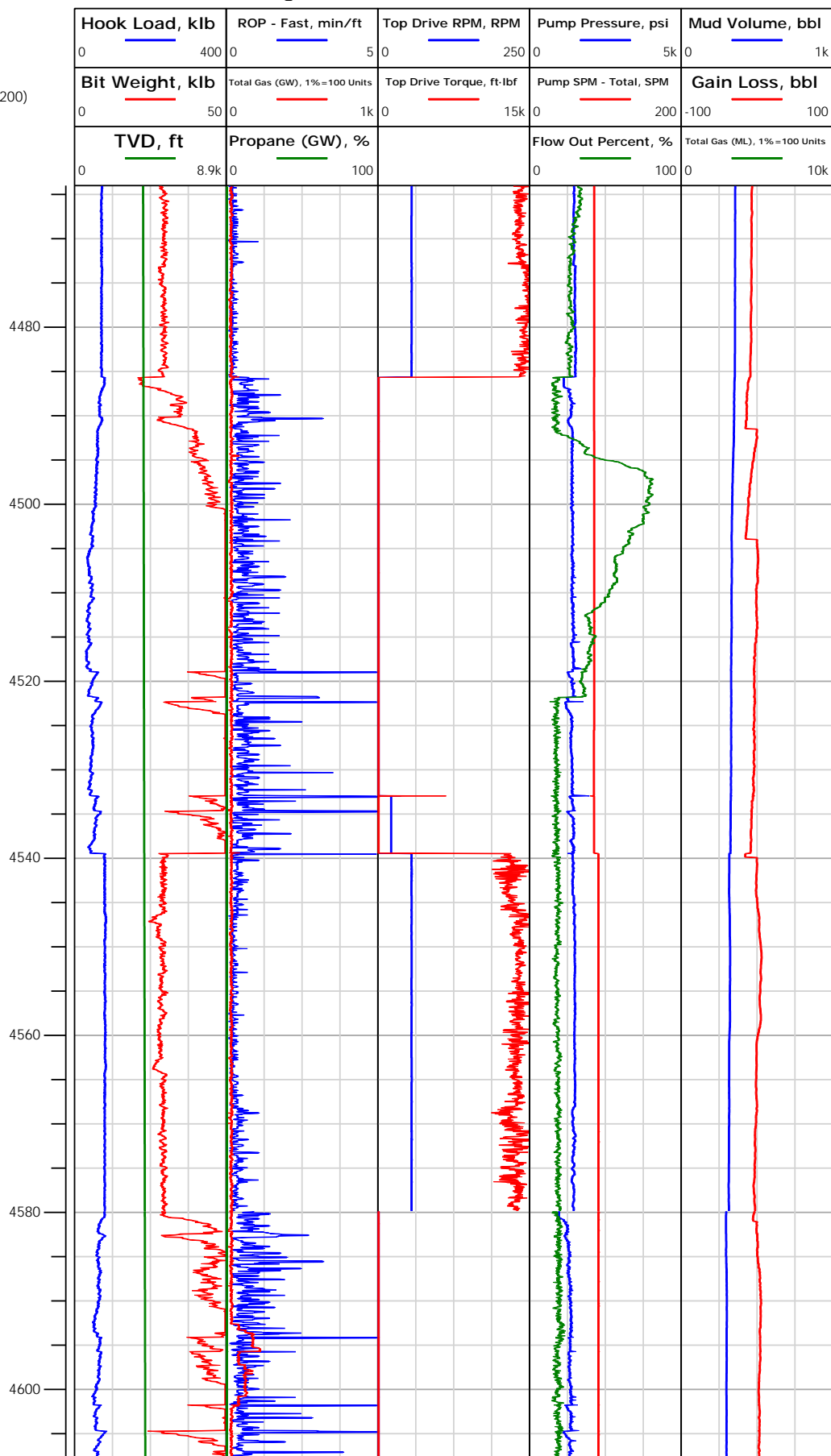
23:36

23:57

Jul 24, 2017
00:02

00:13

00:29





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

Notes

Depth in ft (1:200)

Jul 24, 2017
00:42

00:57

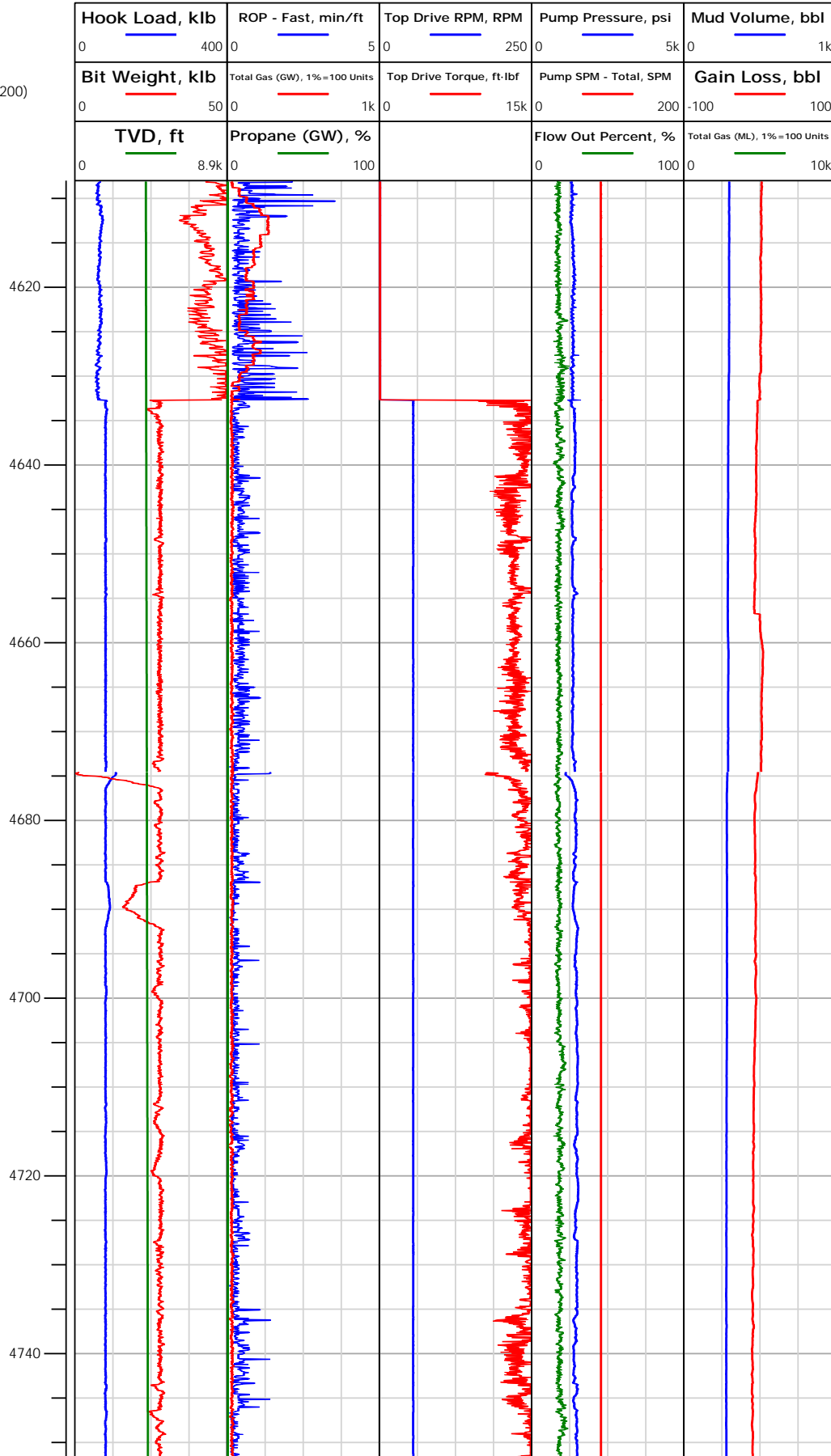
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01:17

01:23

01:28

01:33





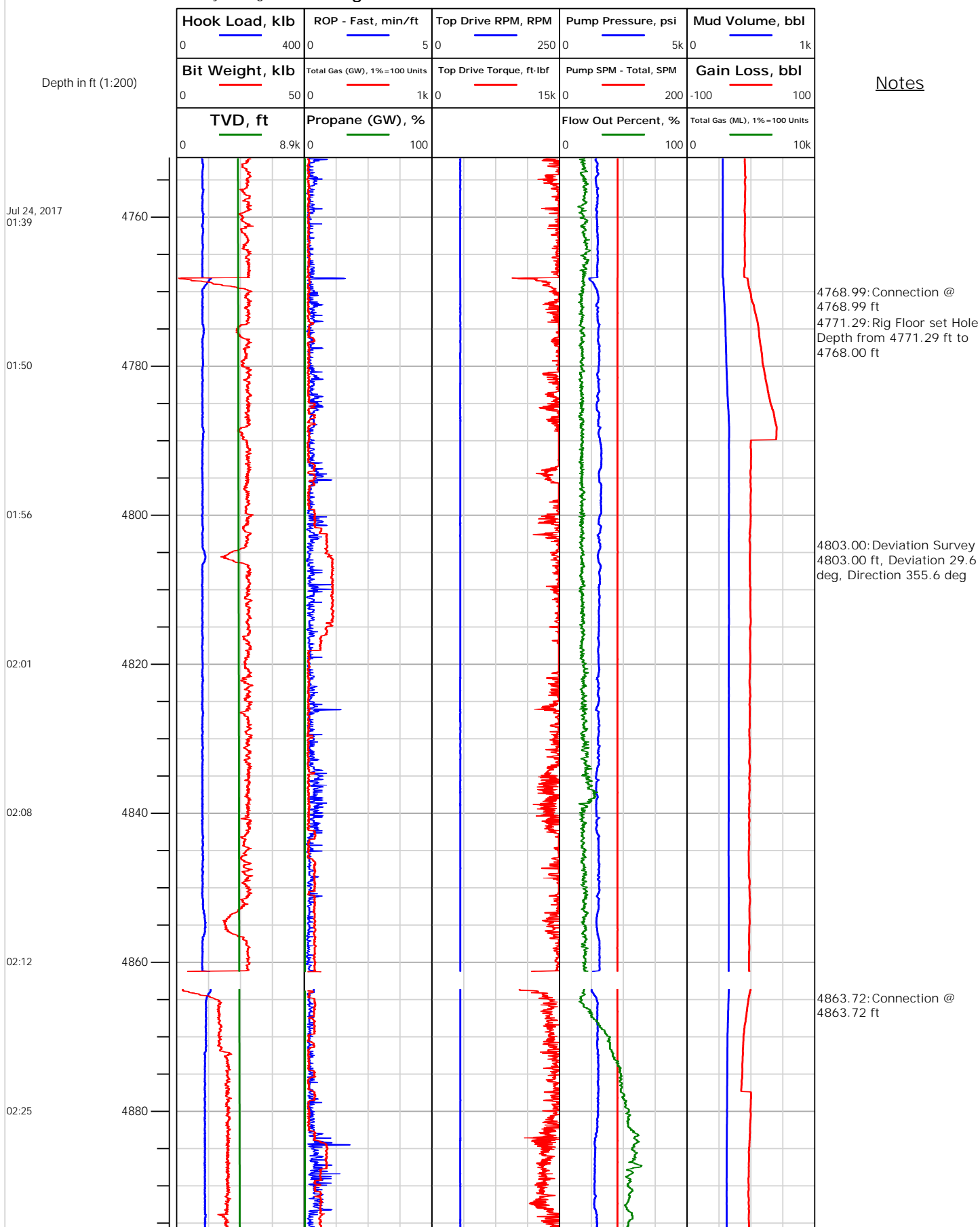
Electronic Drilling Recorder

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Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

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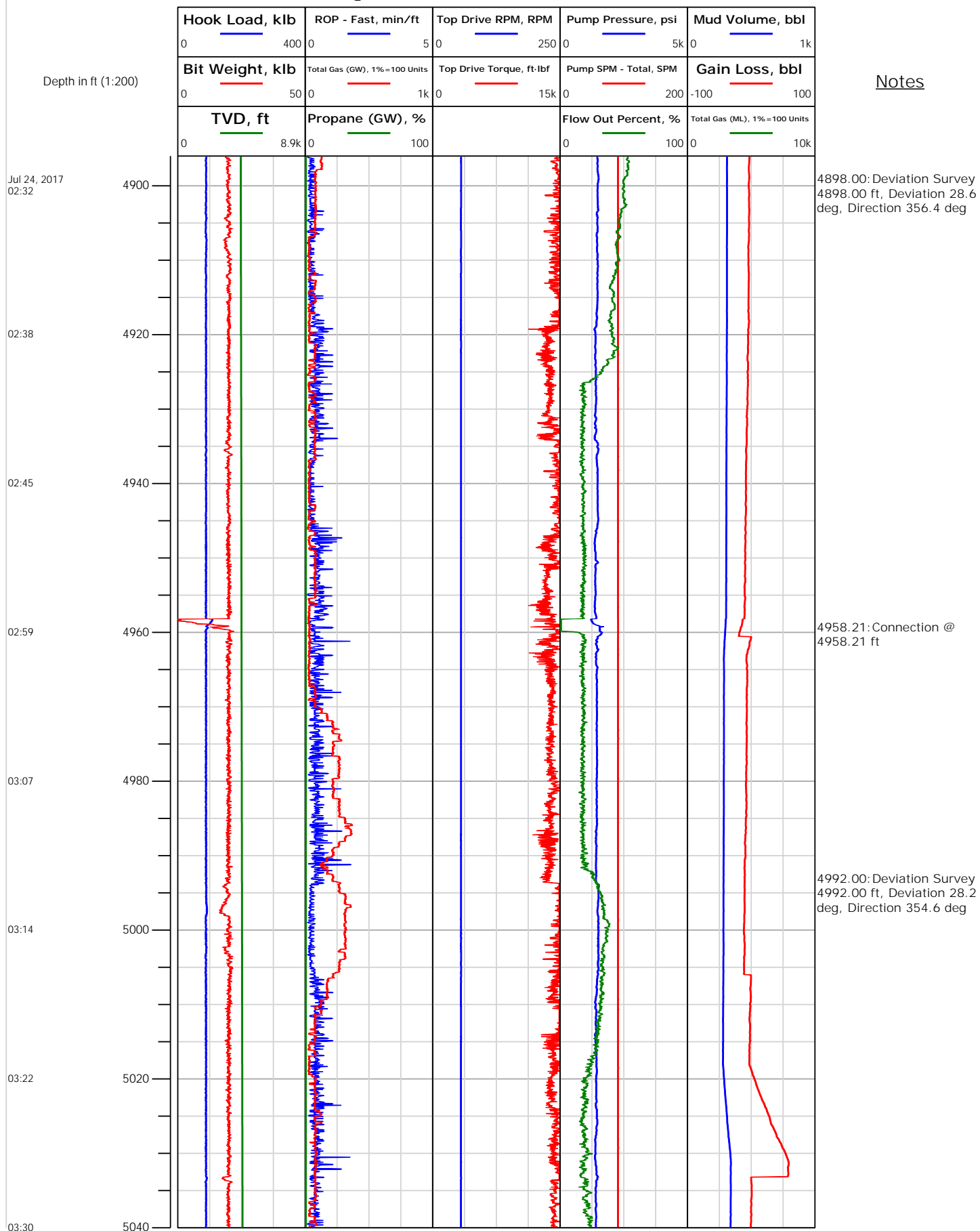
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Operator: Laramie Energy
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Well Name: Bruton 19-12E
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Location: SECTION 30 T9S R93W

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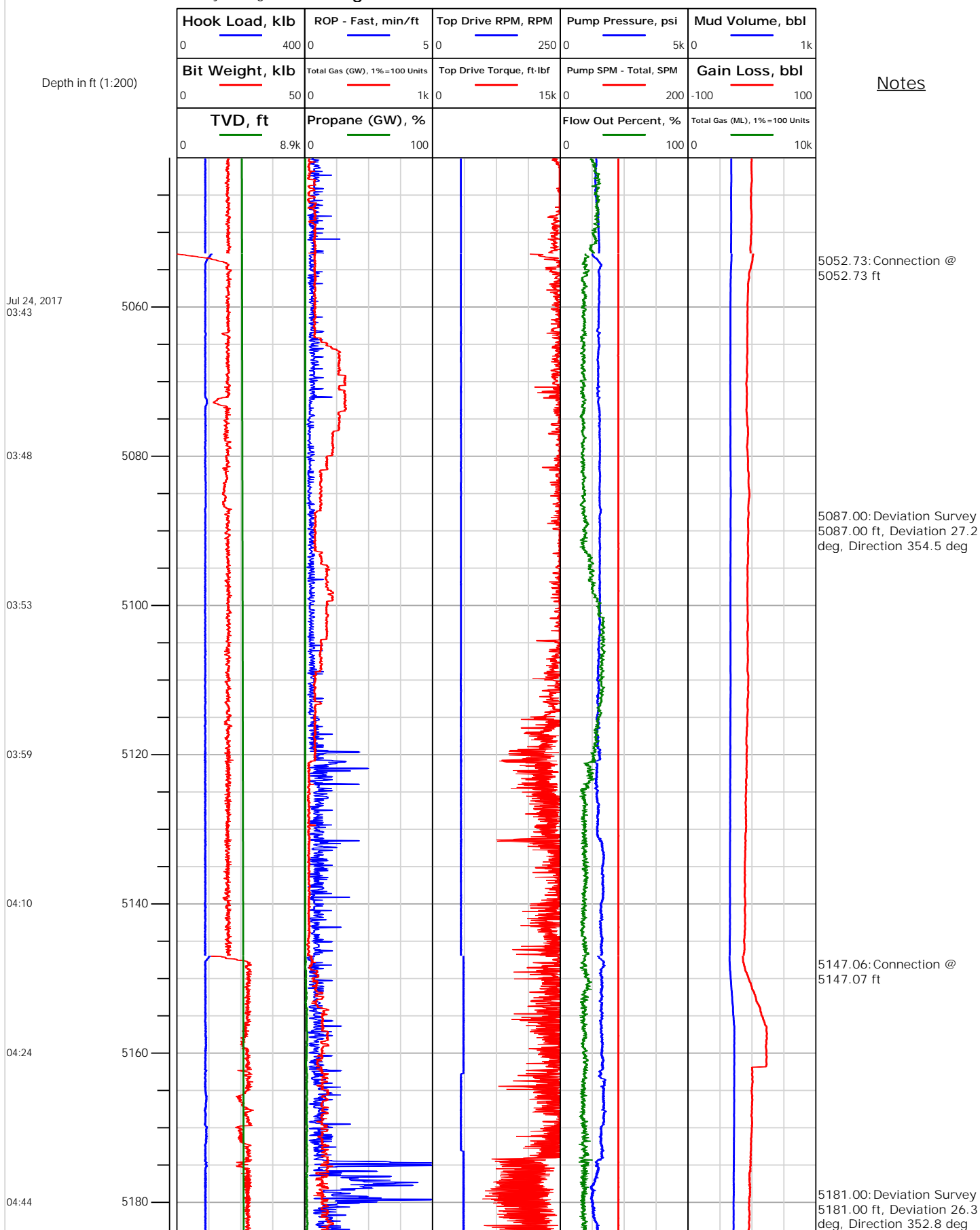
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Electronic Drilling Recorder

Operator: Laramie Energy
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Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

Notes

Depth in ft (1:200)

Jul 24, 2017
05:04

05:36

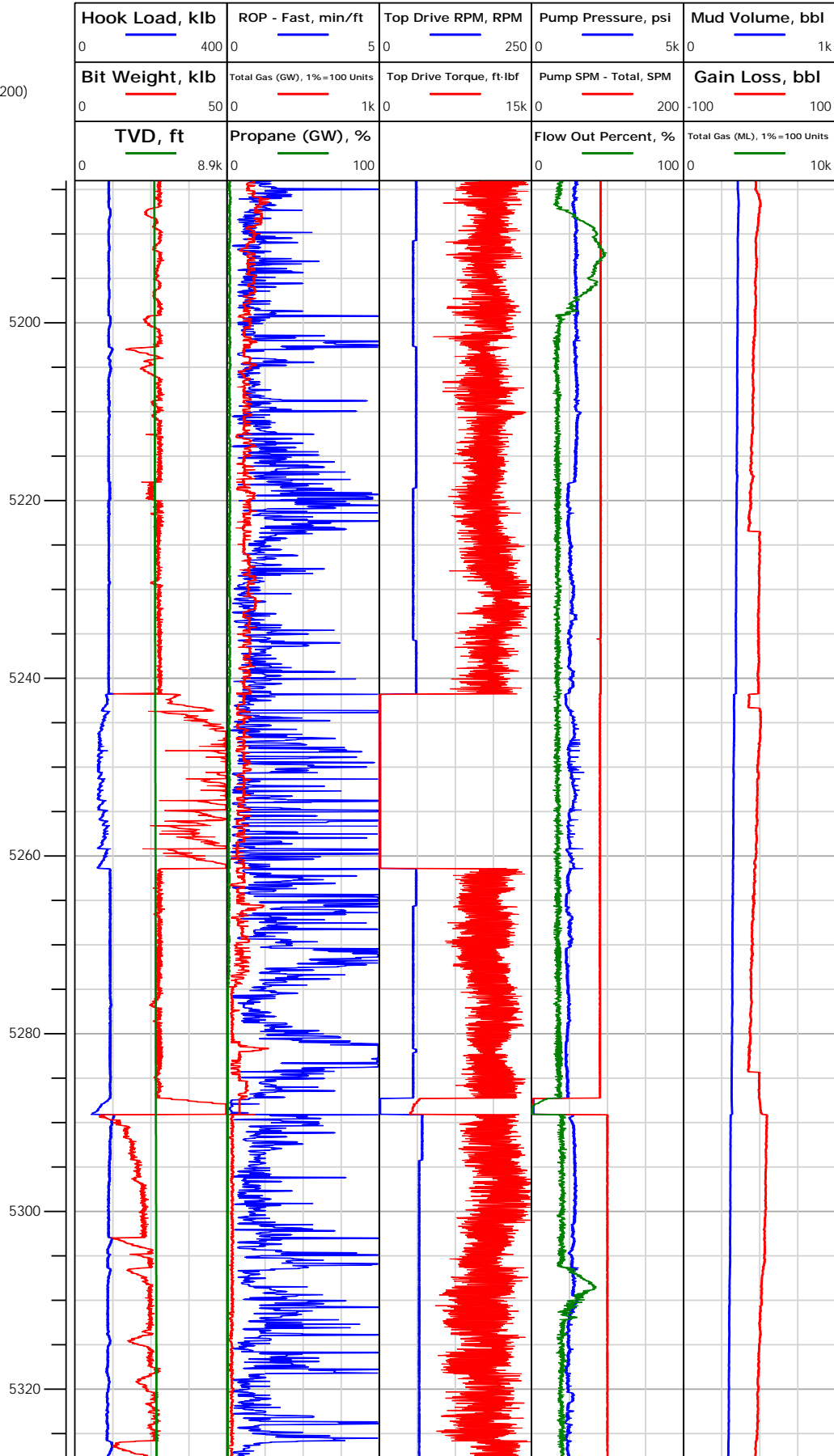
06:01

06:54

07:40

08:39

09:11



5241.83: Connection @
5241.83 ft

5276.00: Deviation Survey
5276.00 ft, Deviation 24.4
deg, Direction 353.4 deg



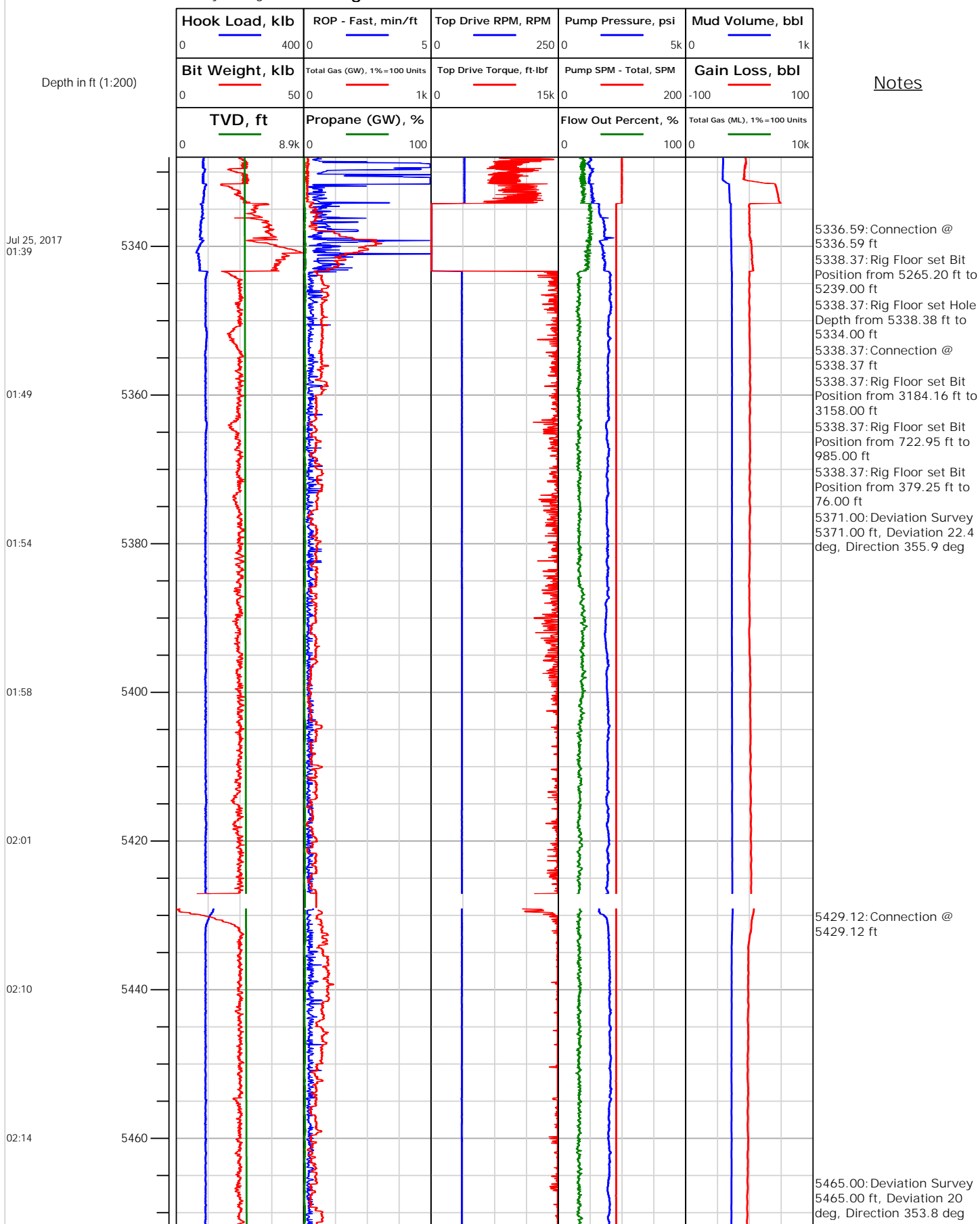
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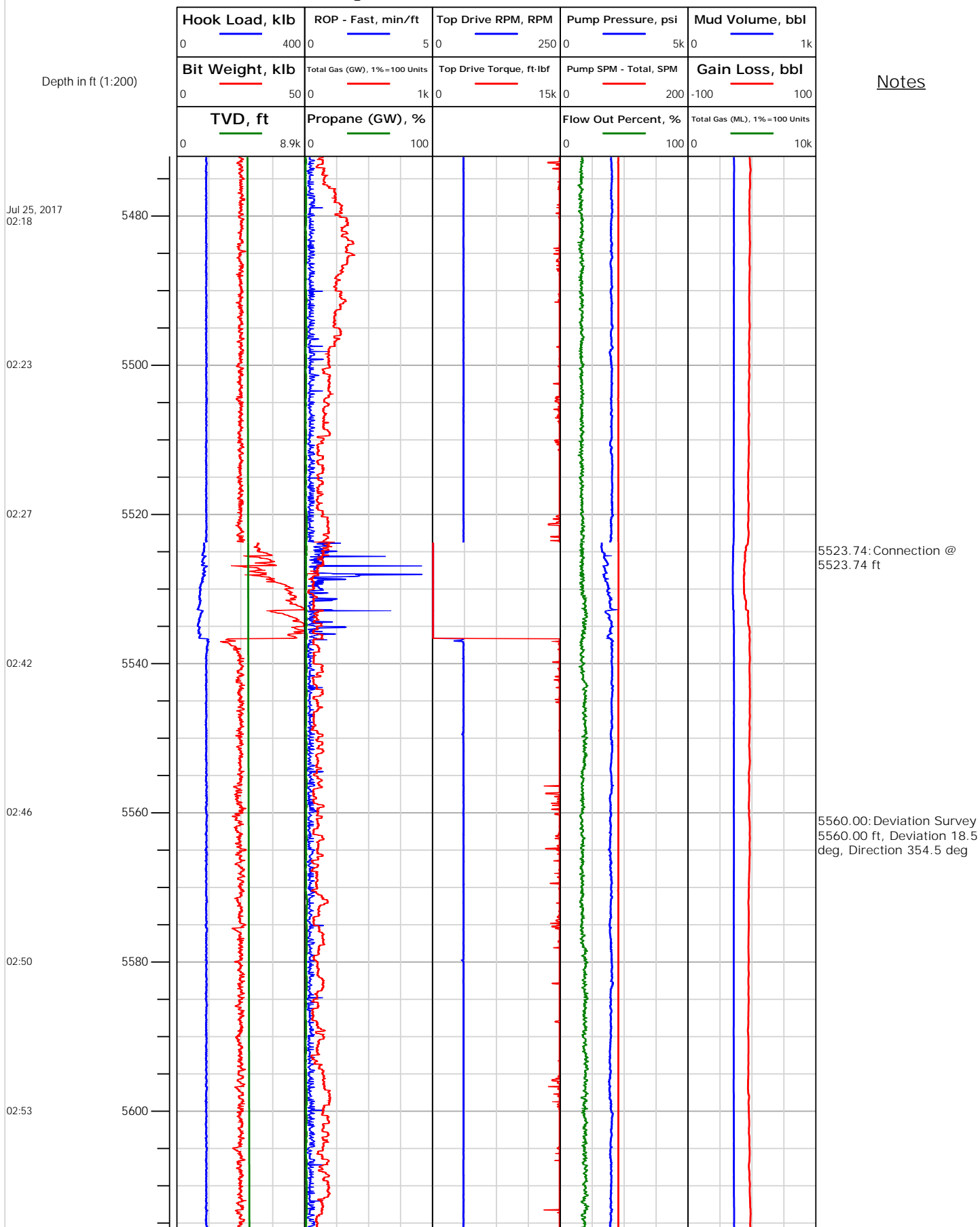
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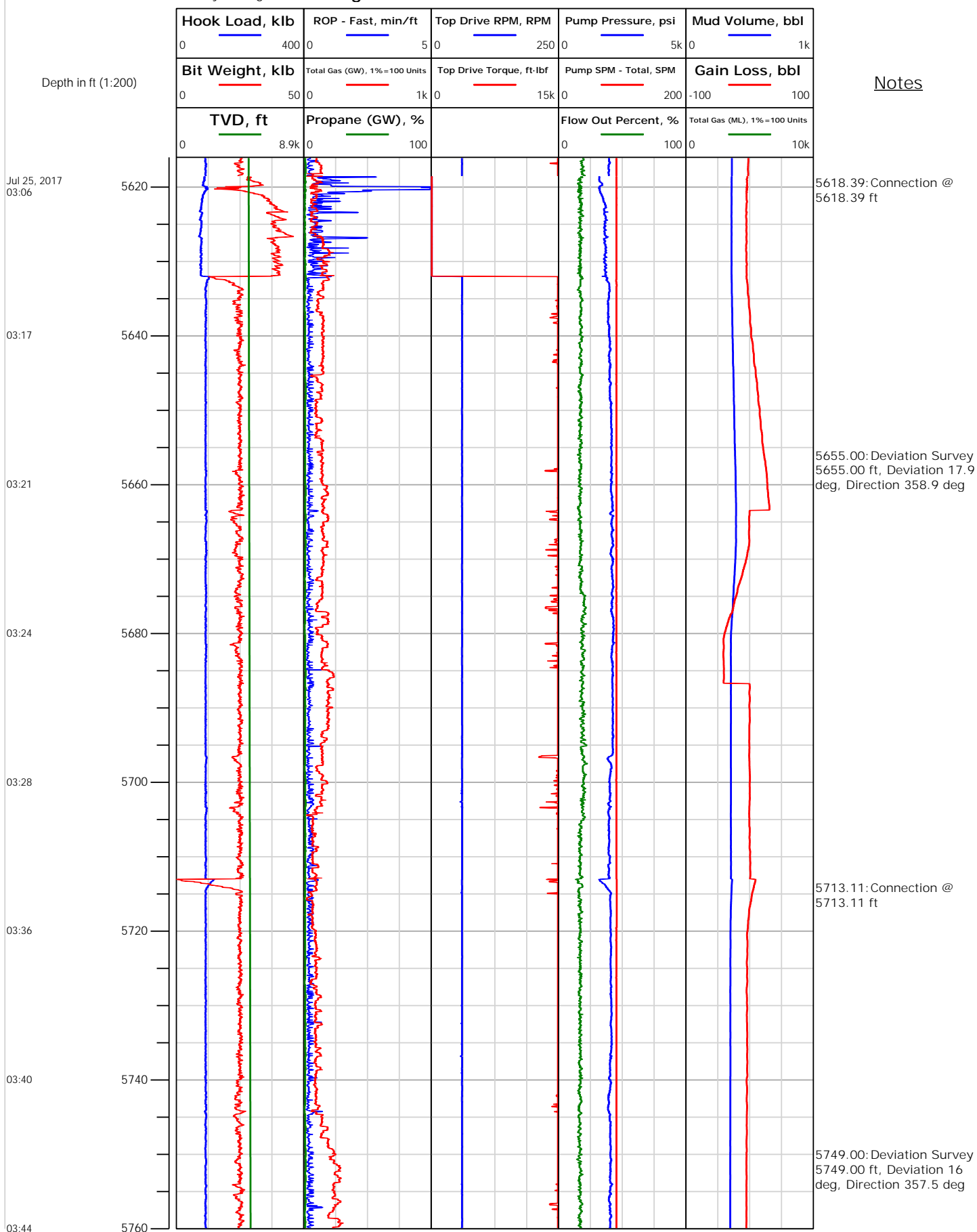
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Rig: 290

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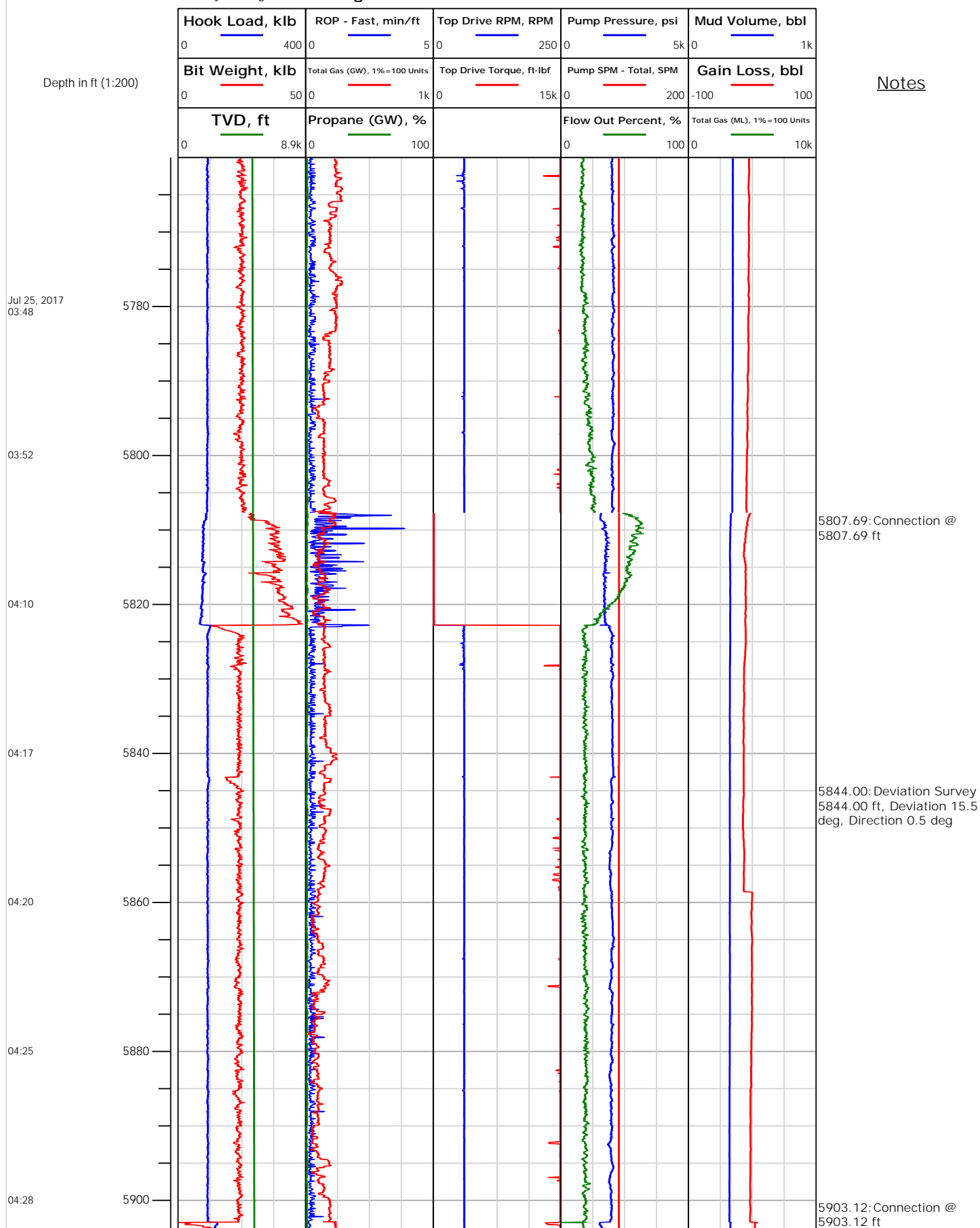
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Rig: 290

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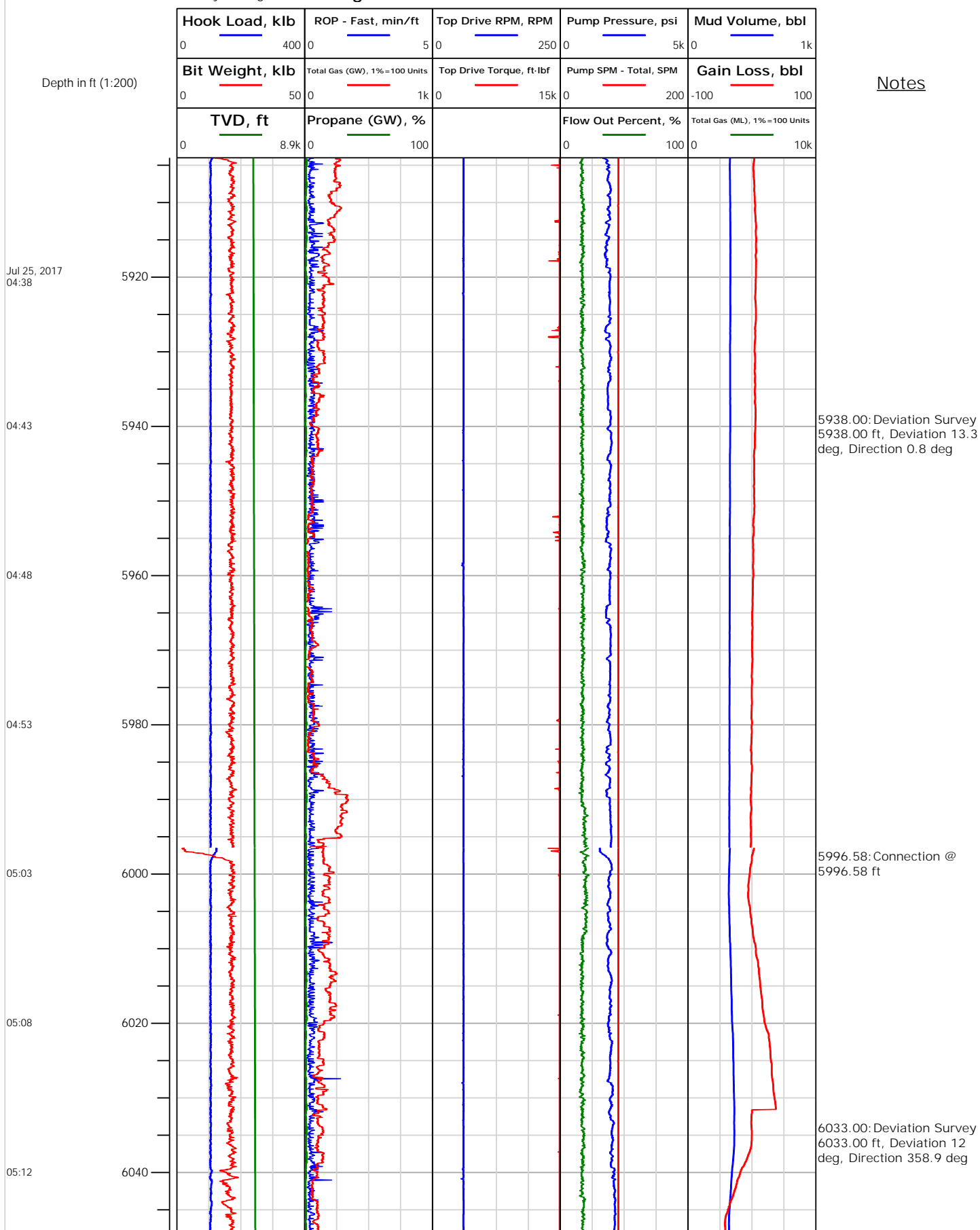
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Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

Notes

Depth in ft (1:200)

Jul 25, 2017
05:17

05:22

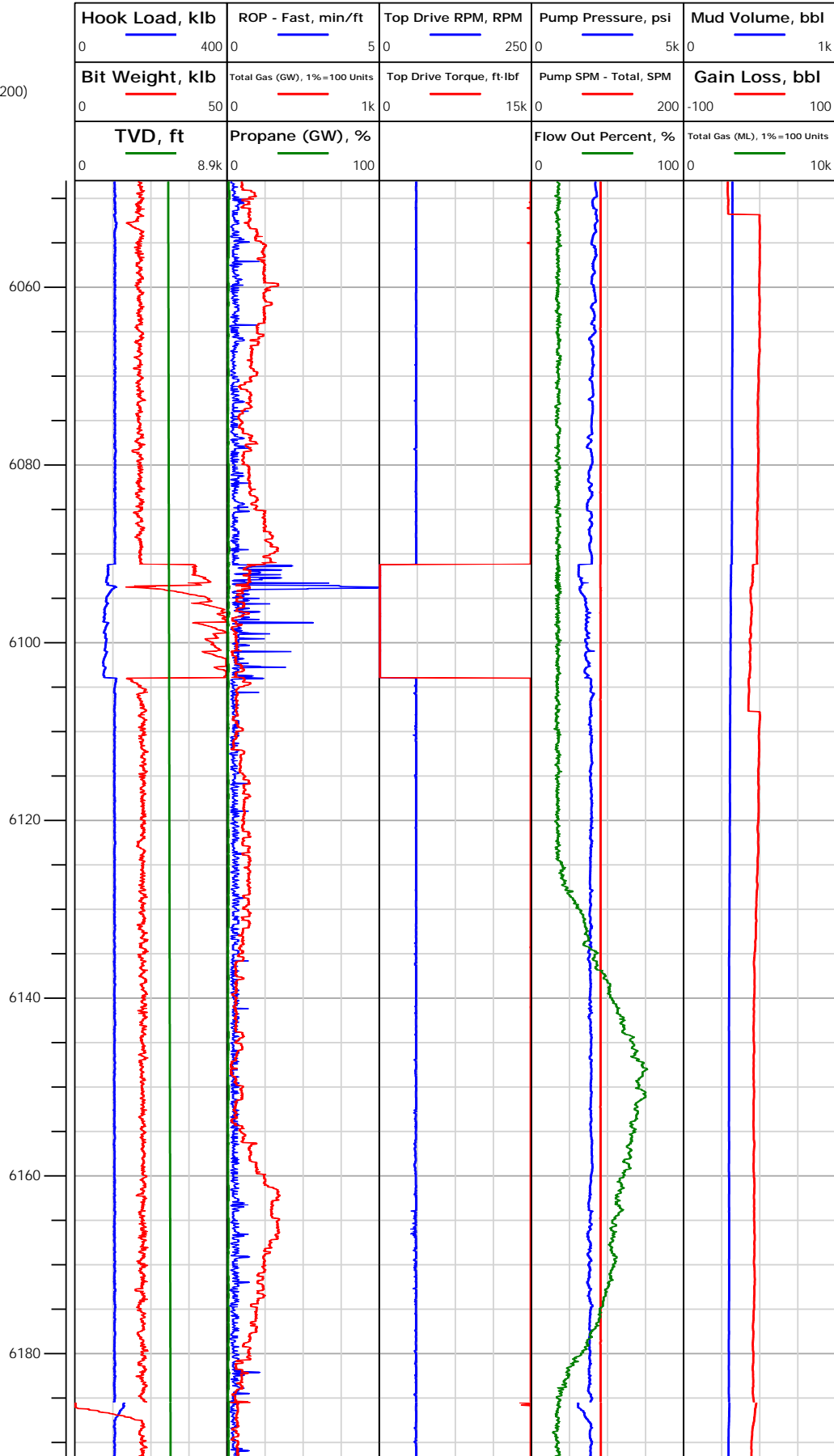
05:38

05:45

05:49

05:54

05:58





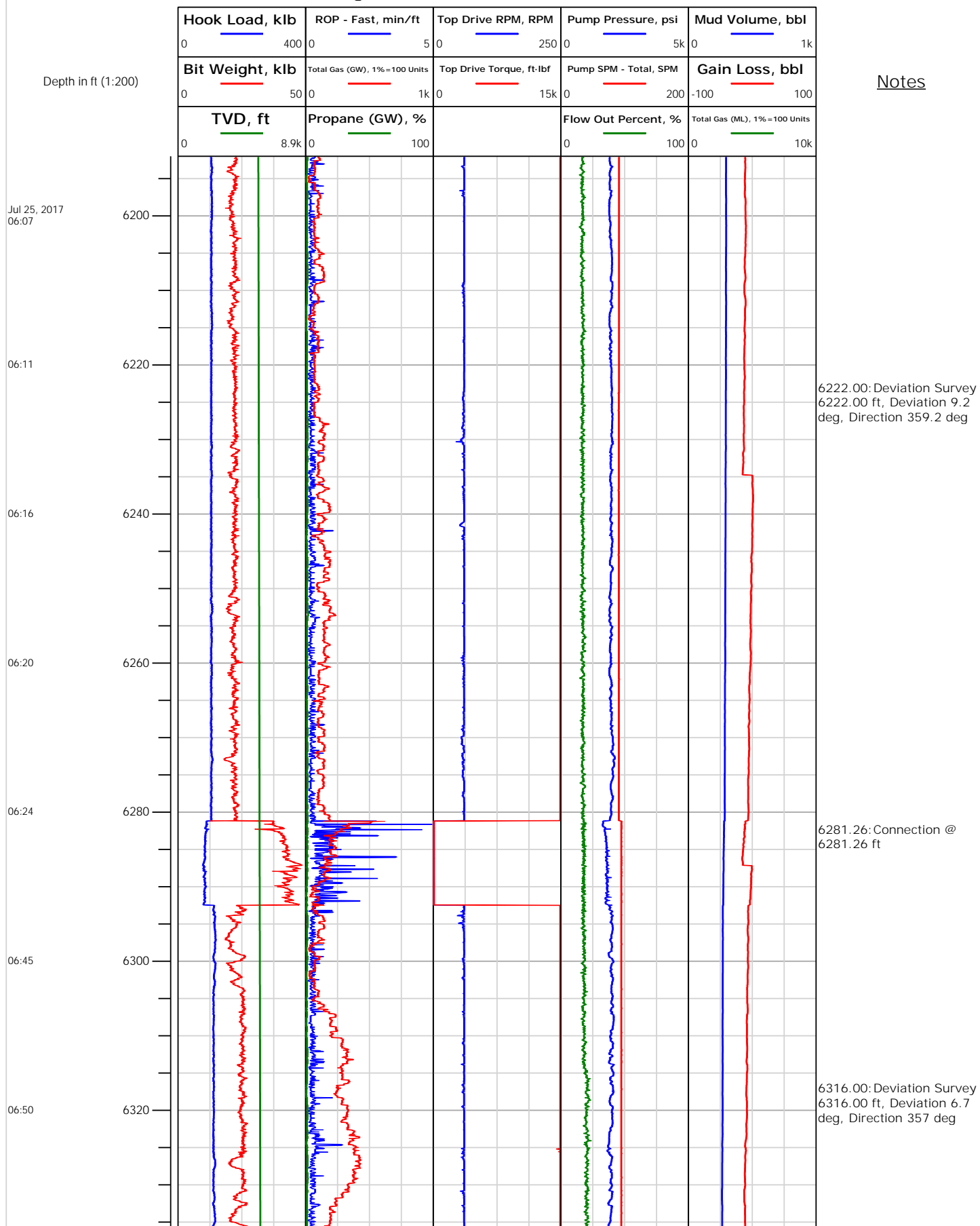
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Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

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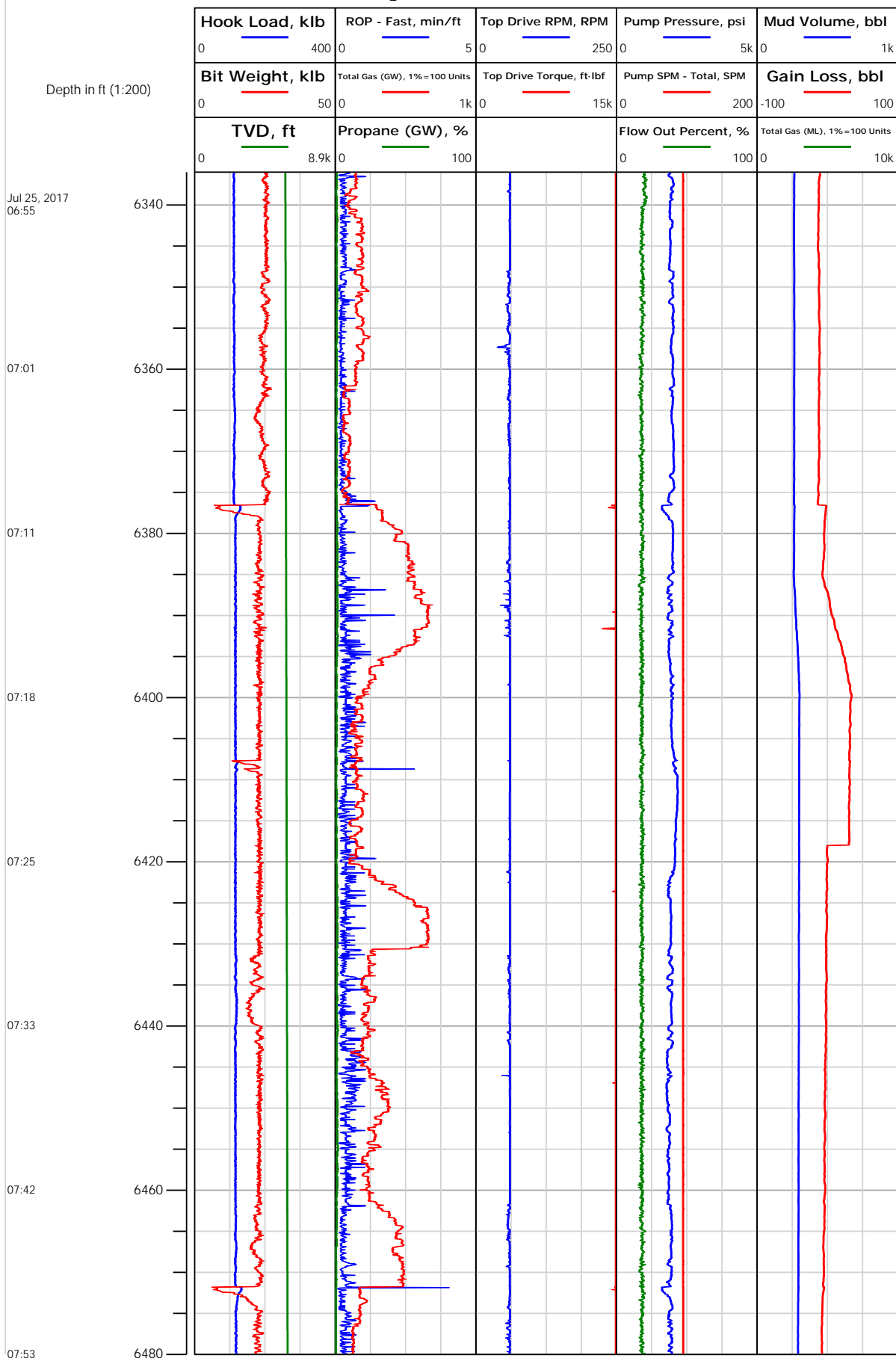
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Rig: 290

Location: SECTION 30 T9S R93W

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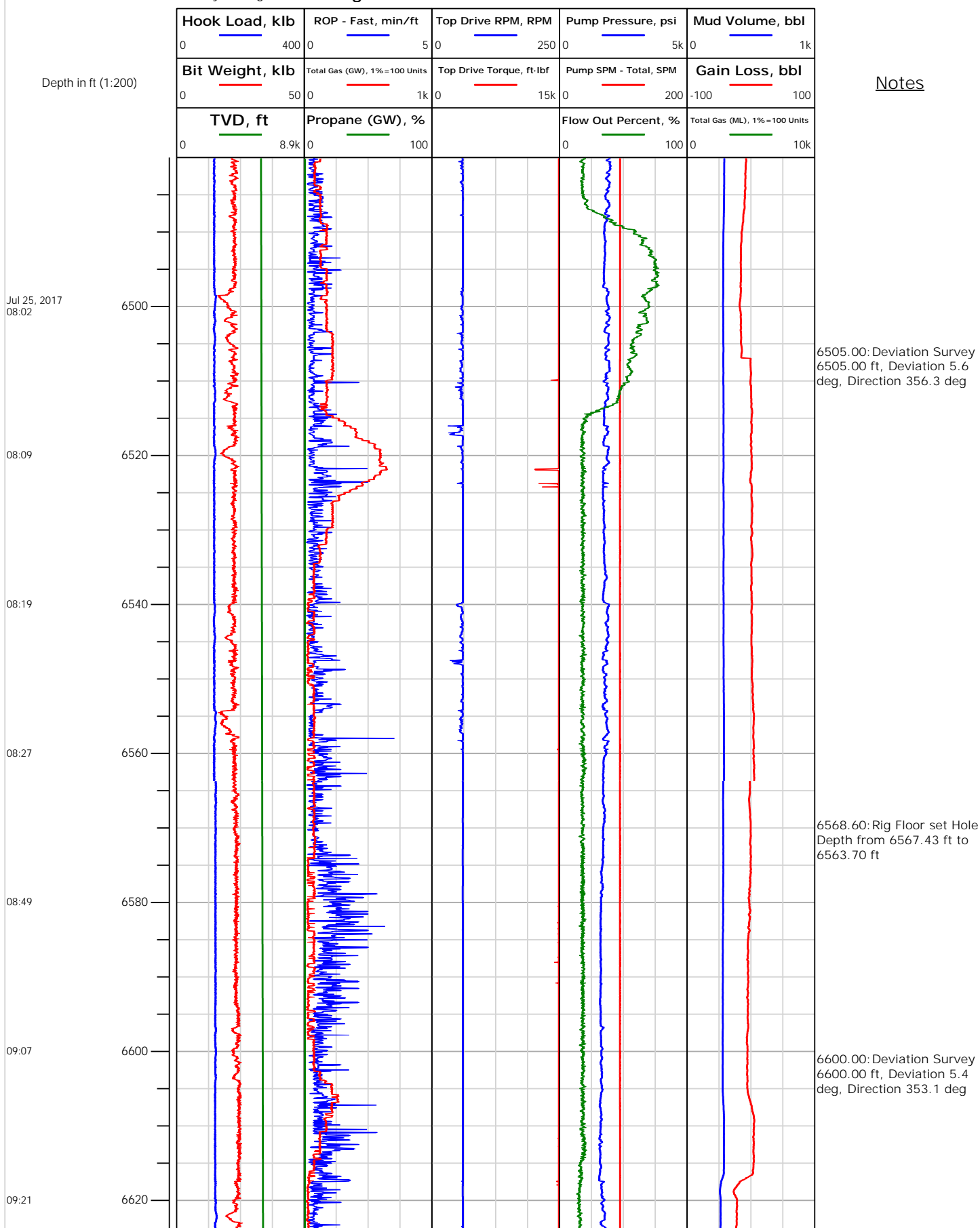
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Rig: 290

Location: SECTION 30 T9S R93W

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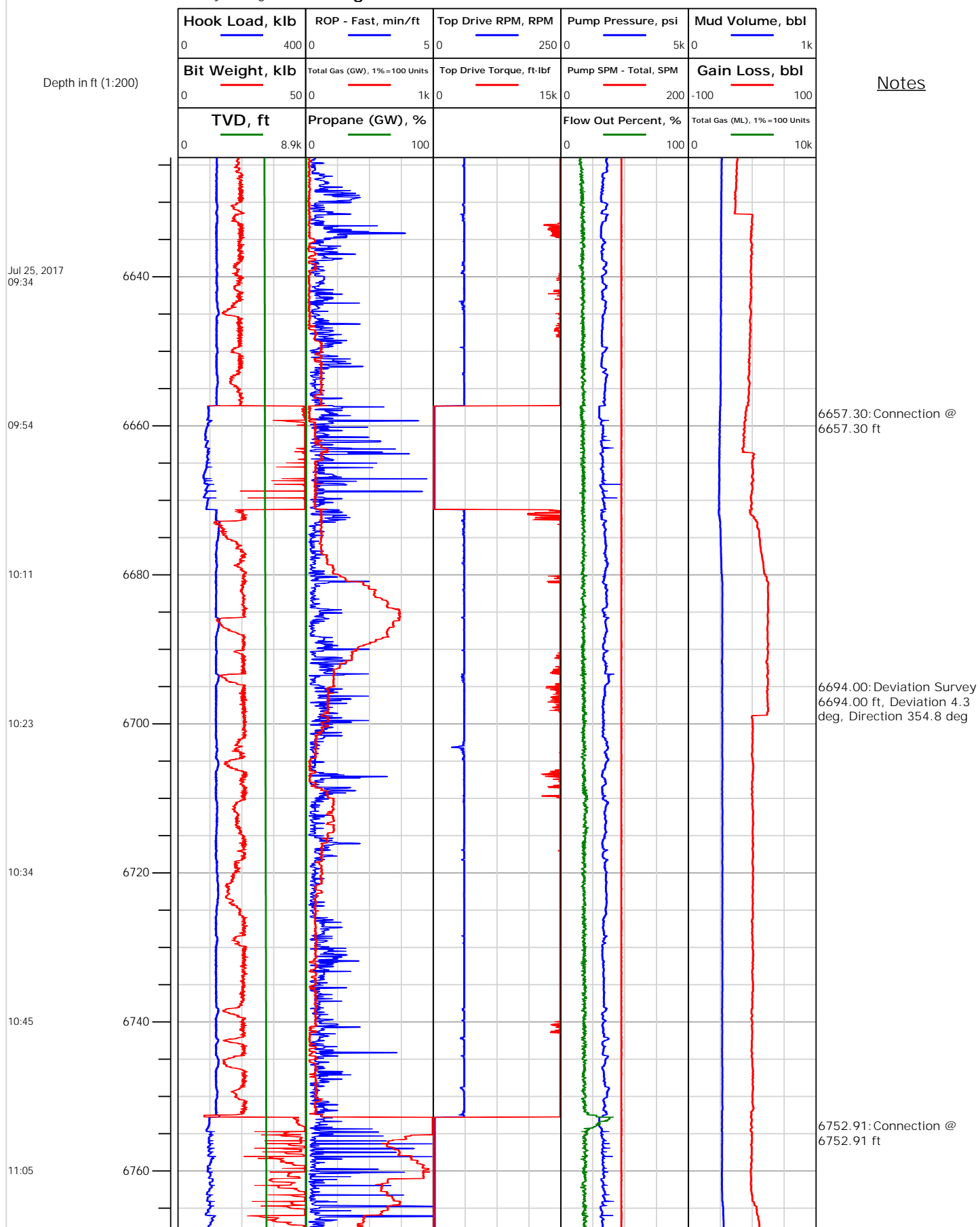
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Rig: 290

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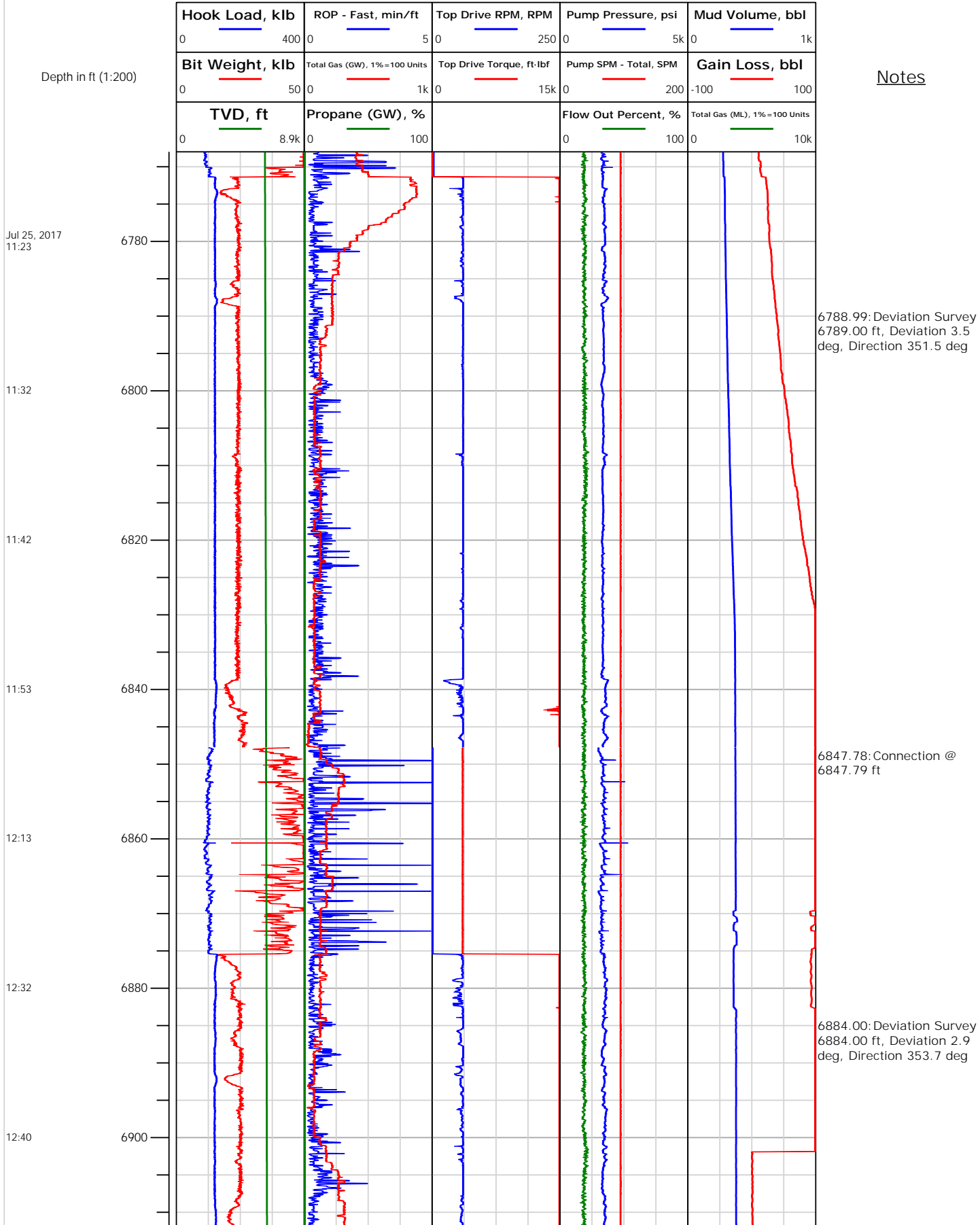
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Rig: 290

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Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

Notes

Depth in ft (1:200)

Jul 25, 2017
12:49

13:00

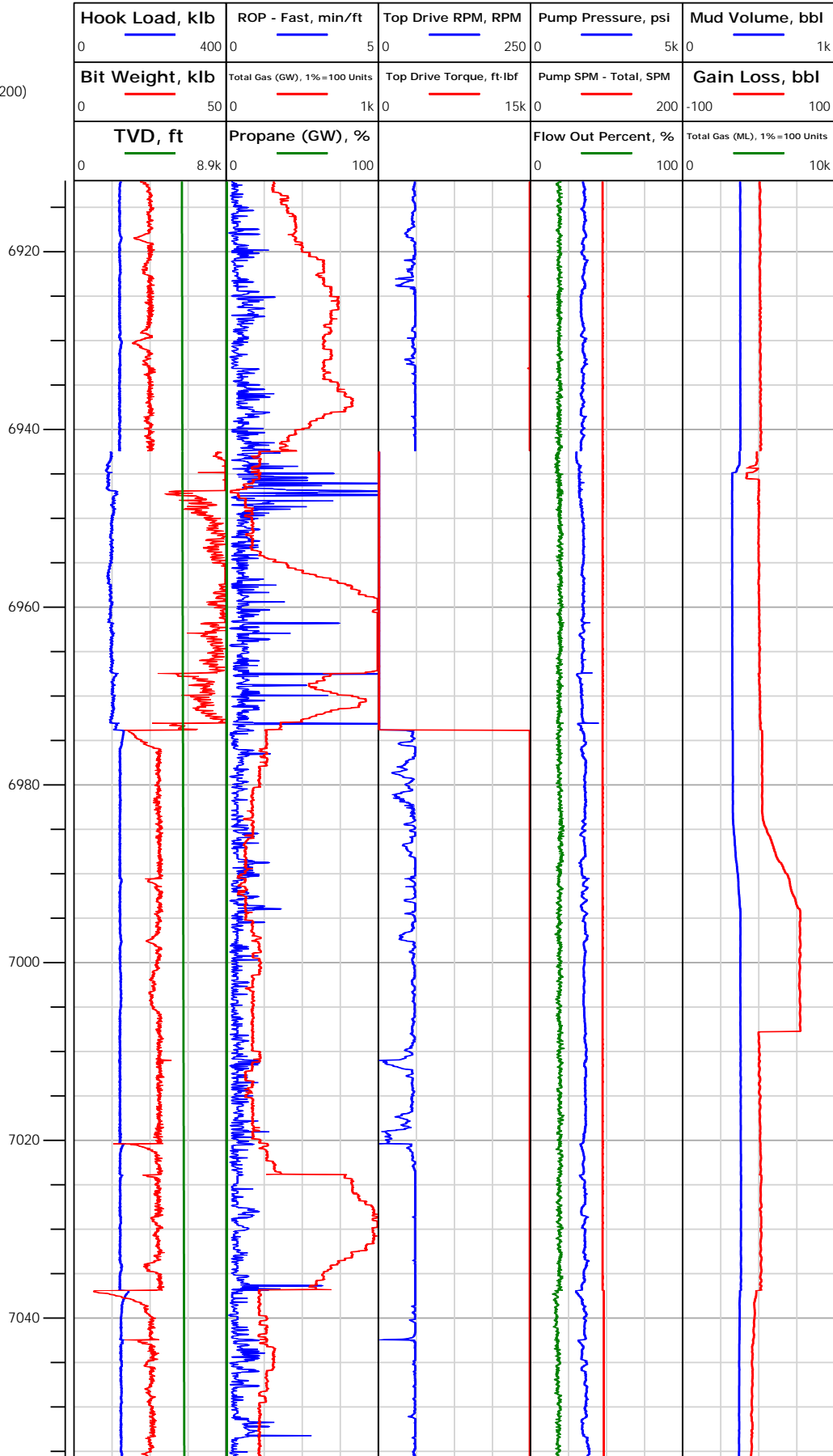
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13:46

13:55

14:02

14:31





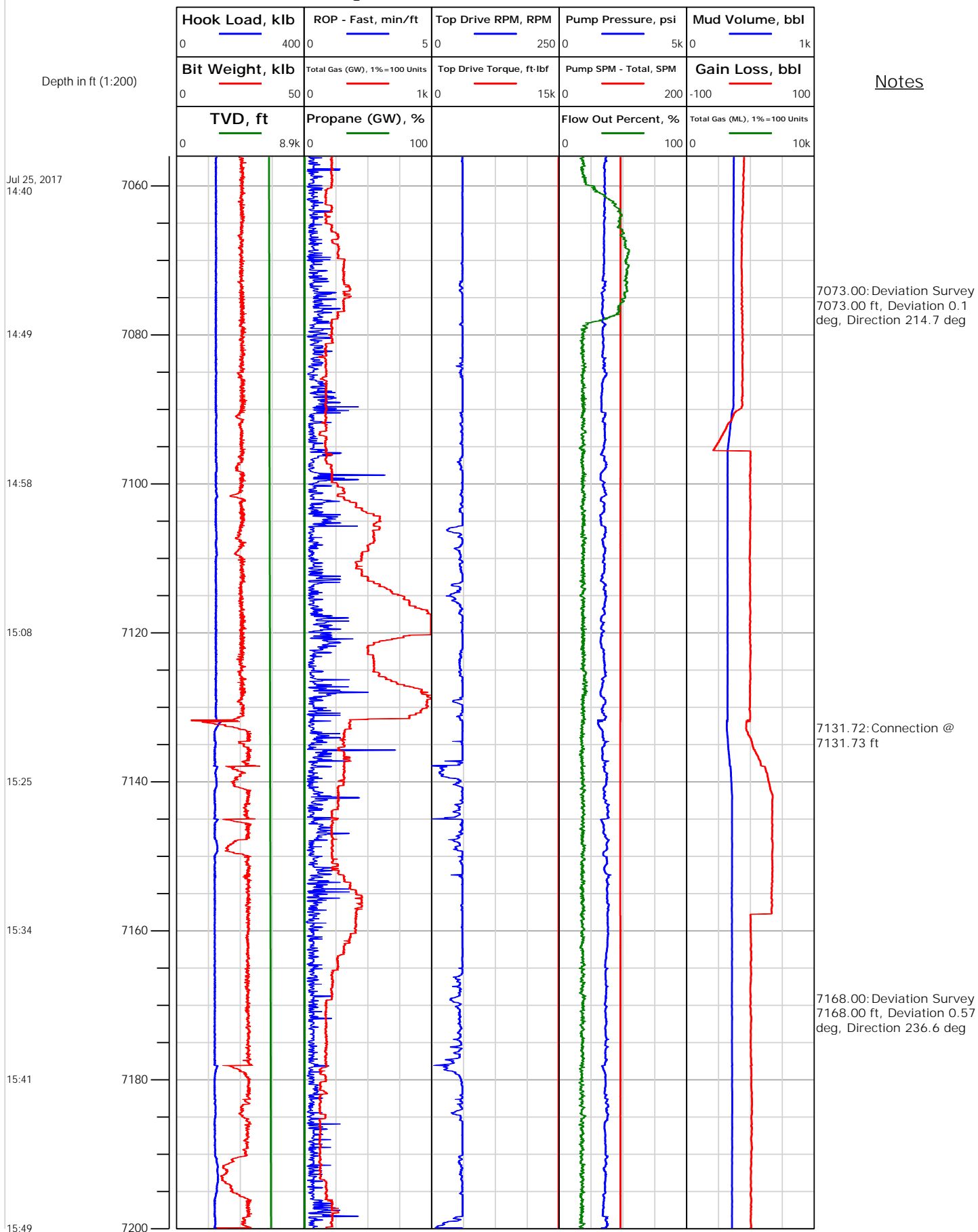
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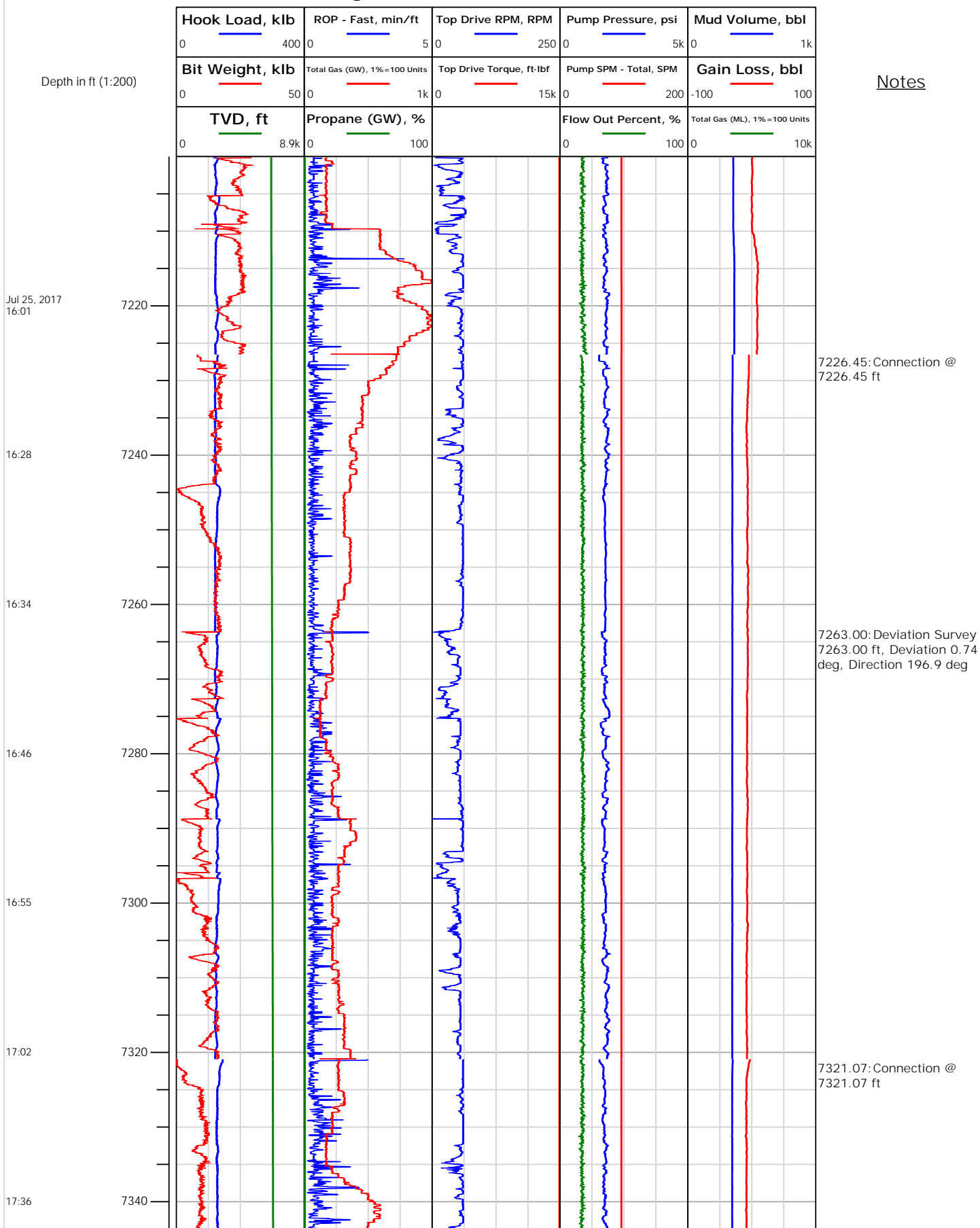
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Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

Notes





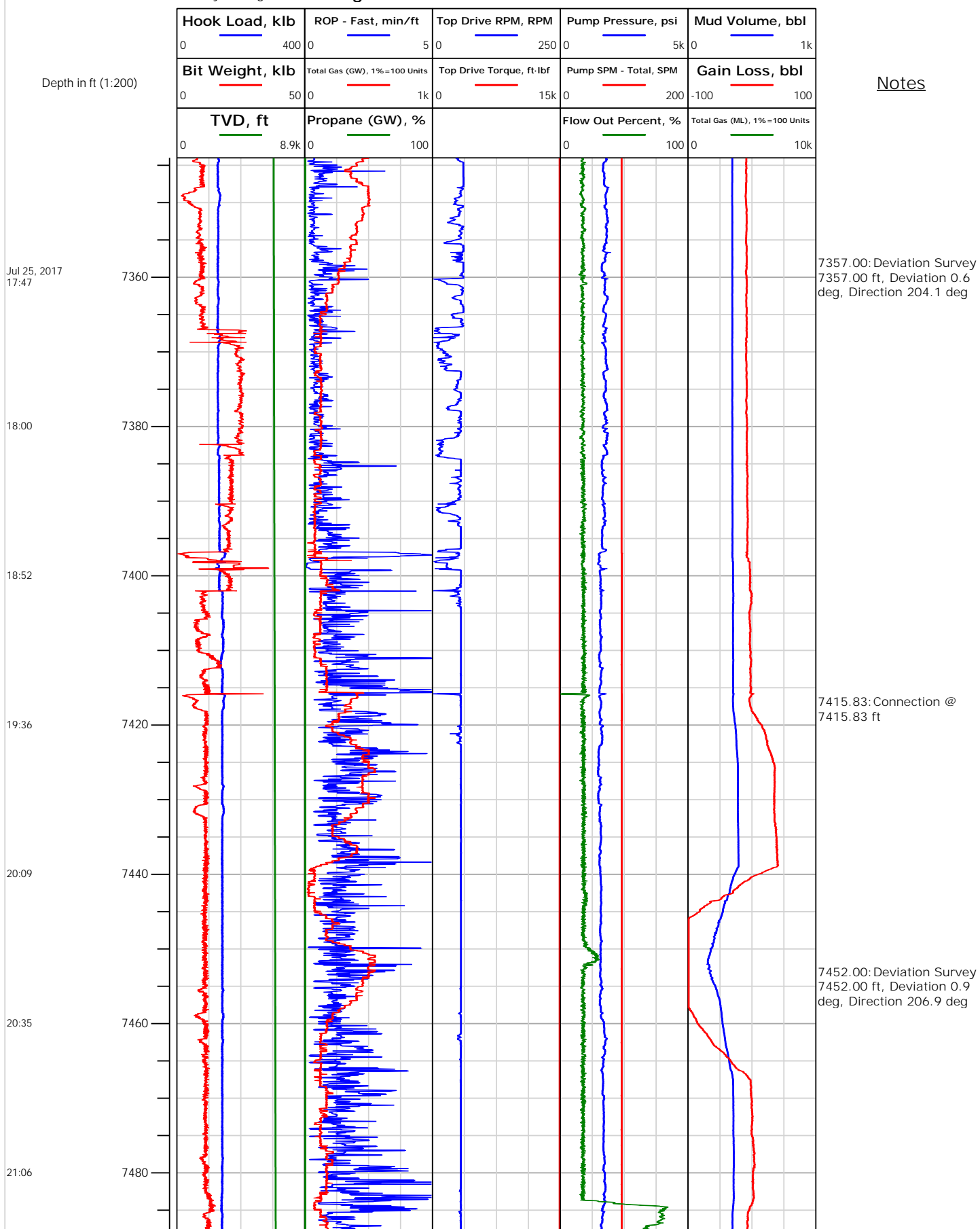
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

Notes





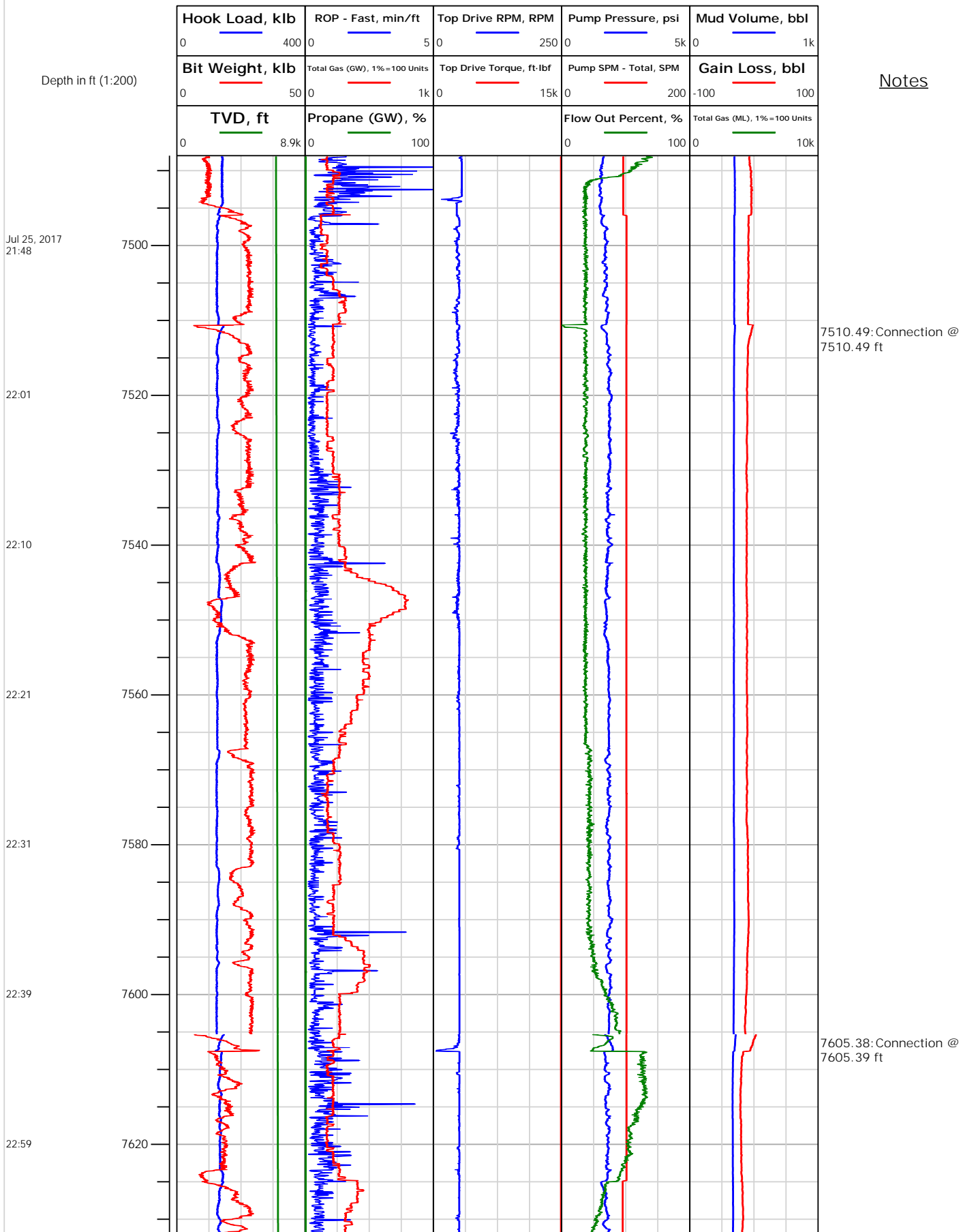
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

Notes





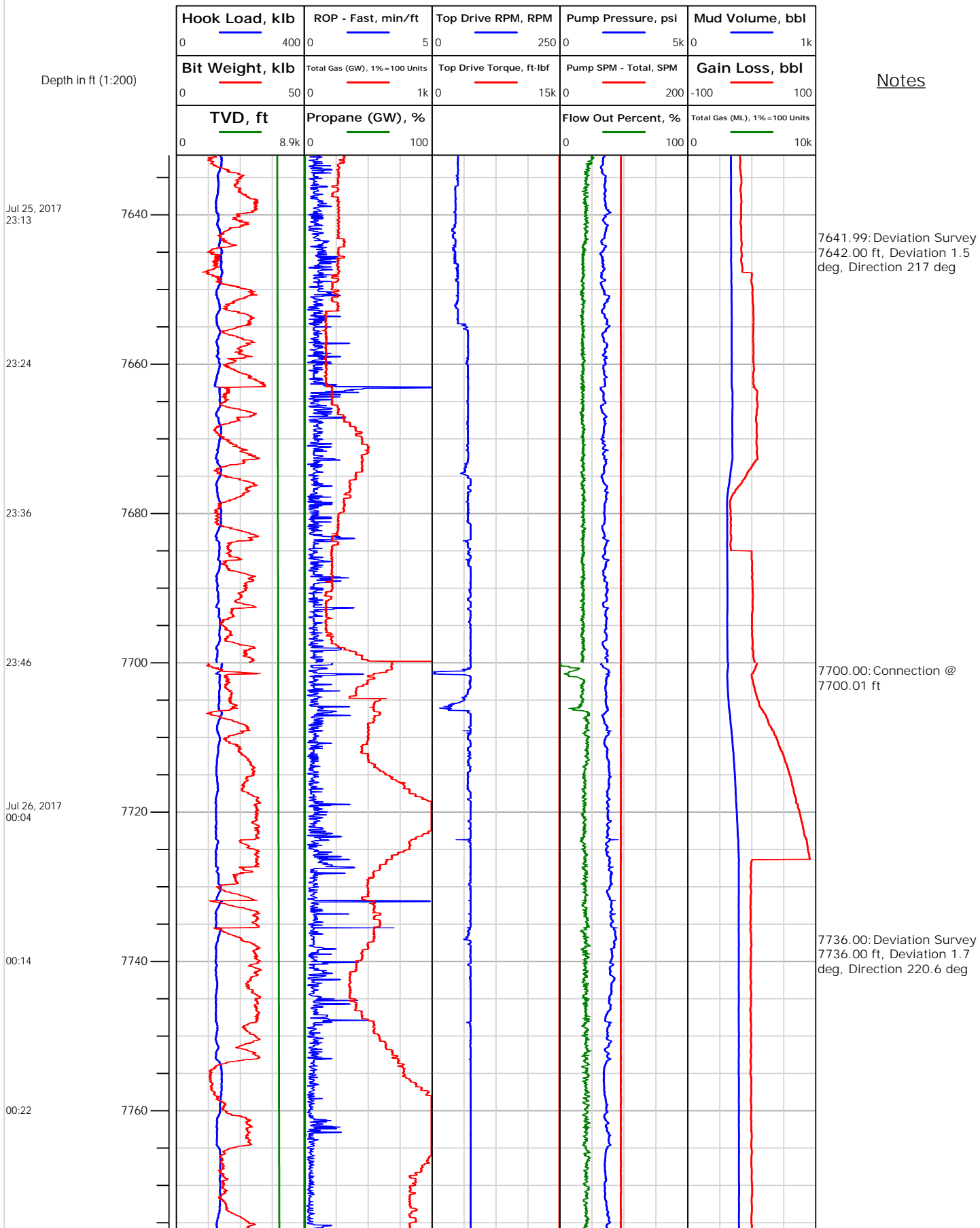
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

Notes





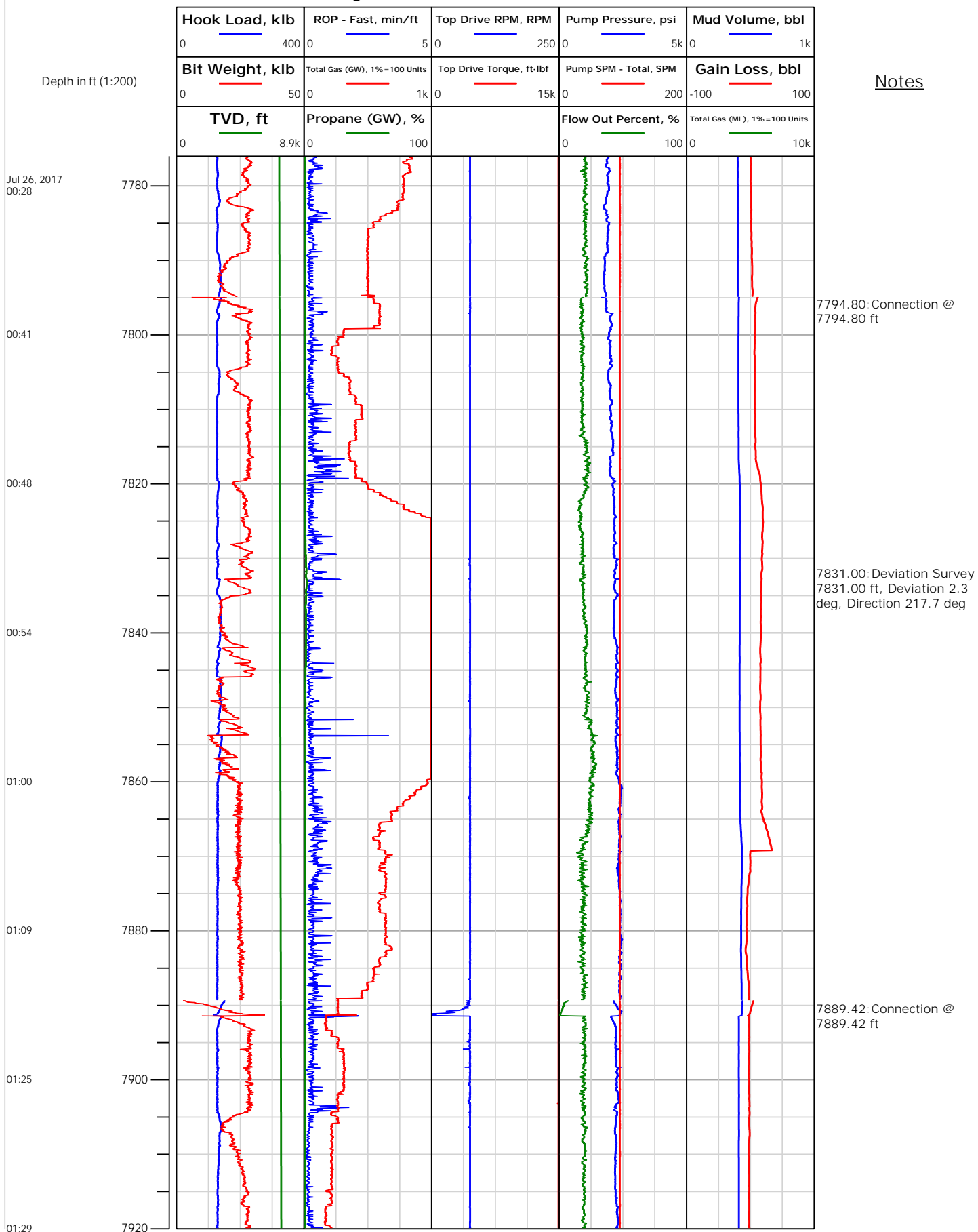
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

Notes





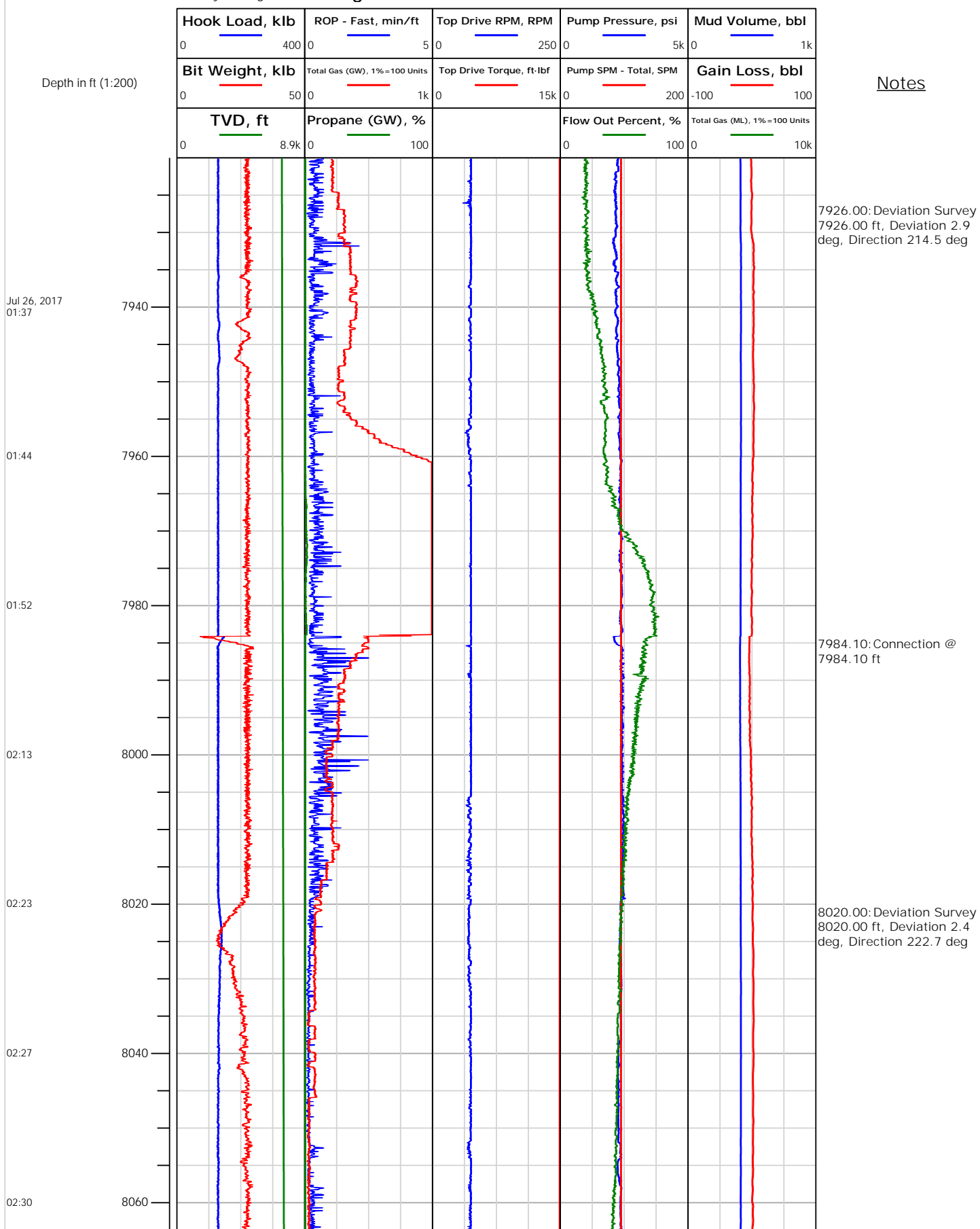
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

Notes

Depth in ft (1:200)

Jul 26, 2017
02:43

02:49

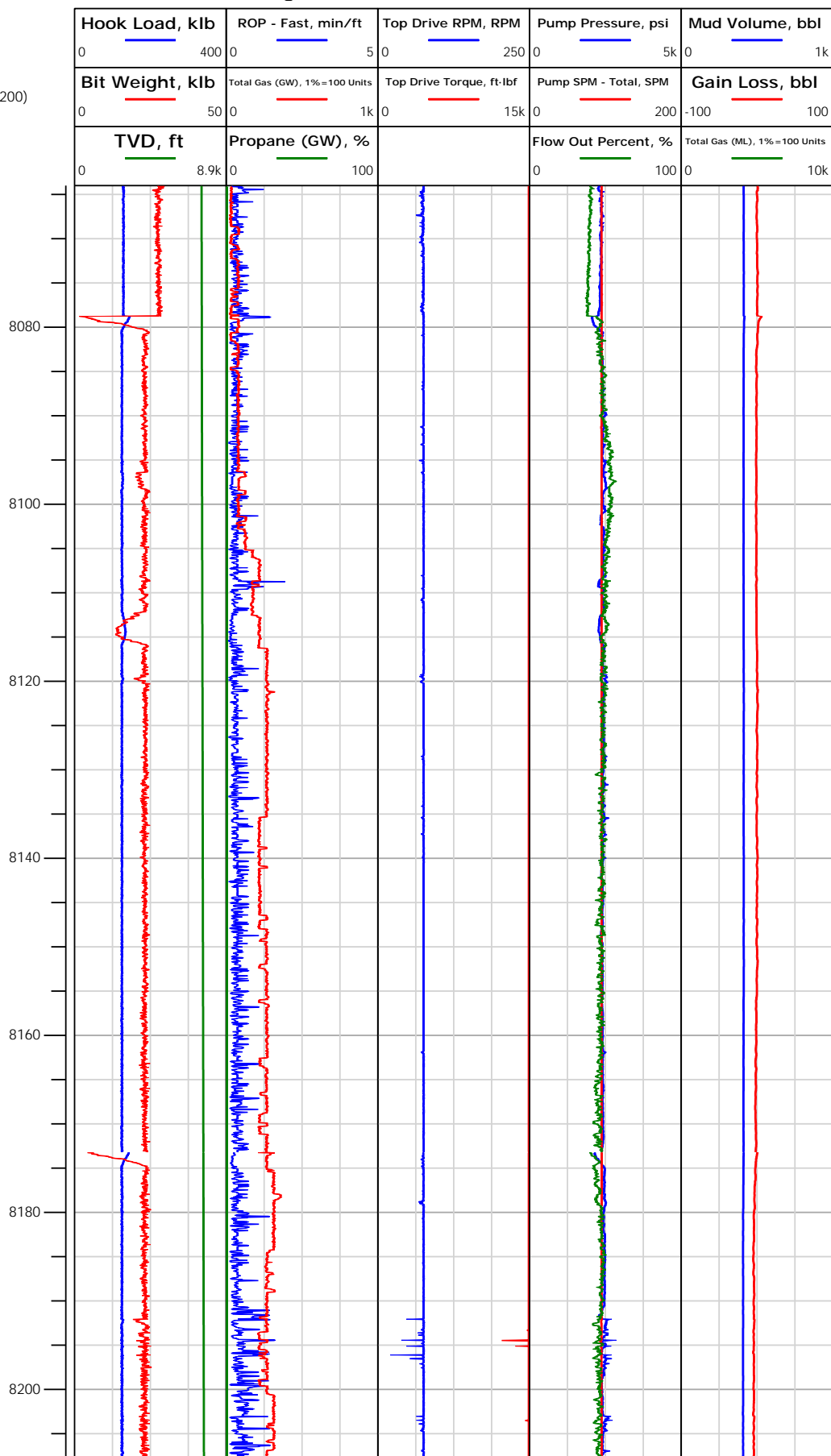
02:55

03:01

03:08

03:22

03:30





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

Notes

Depth in ft (1:200)

Jul 26, 2017
03:41

03:51

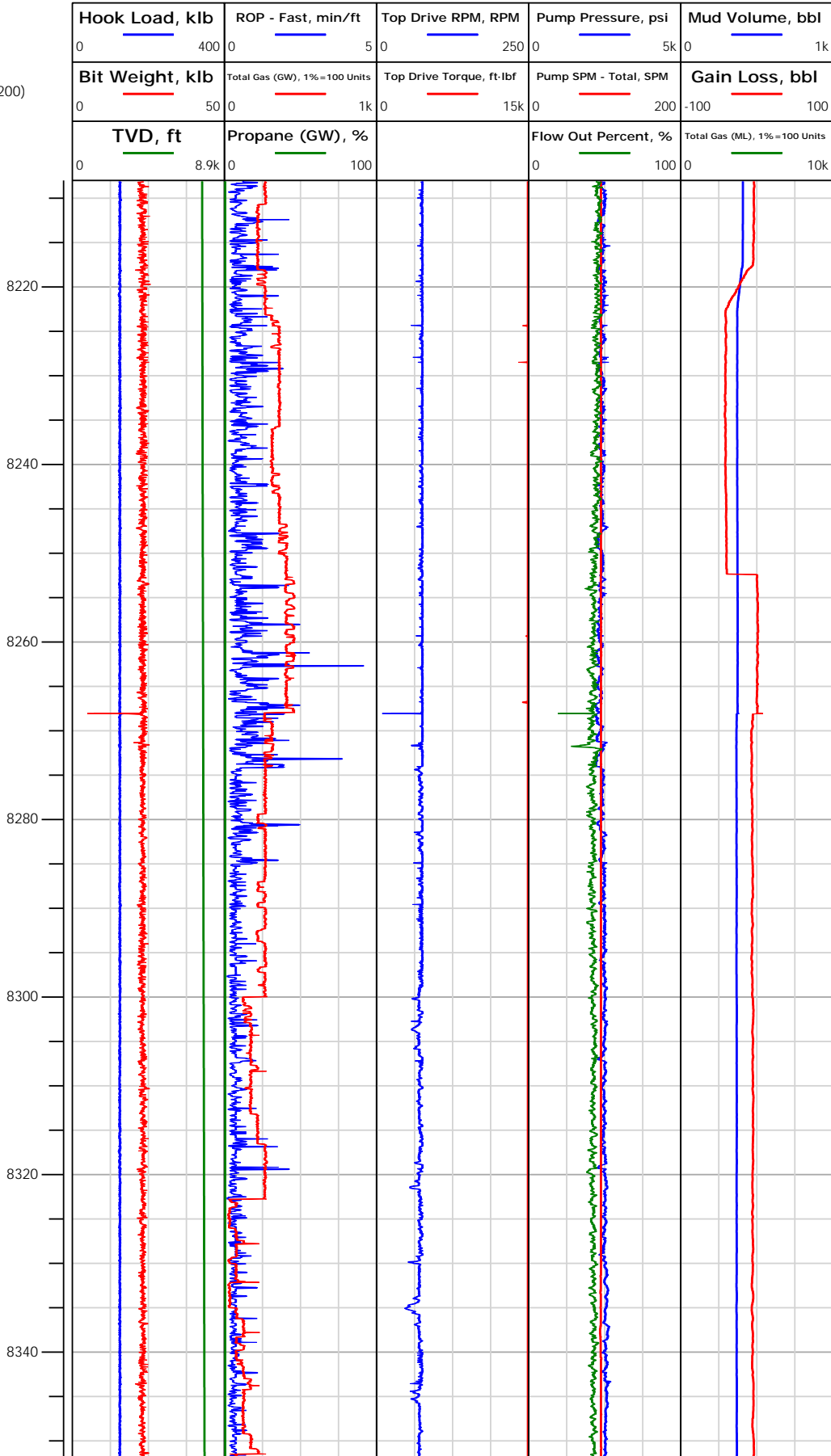
04:03

04:25

04:32

04:40

04:46



8210.00: Deviation Survey
8210.00 ft, Deviation 2.4 deg, Direction 221.4 deg

8268.04: Connection @
8268.04 ft
8270.44: Rig Floor set Hole
Depth from 8270.39 ft to
8268.00 ft

8294.00: Deviation Survey
8294.00 ft, Deviation 2.7 deg, Direction 219.2 deg



Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 19-12E
Rig: 290

Location: SECTION 30 T9S R93W

Notes

