

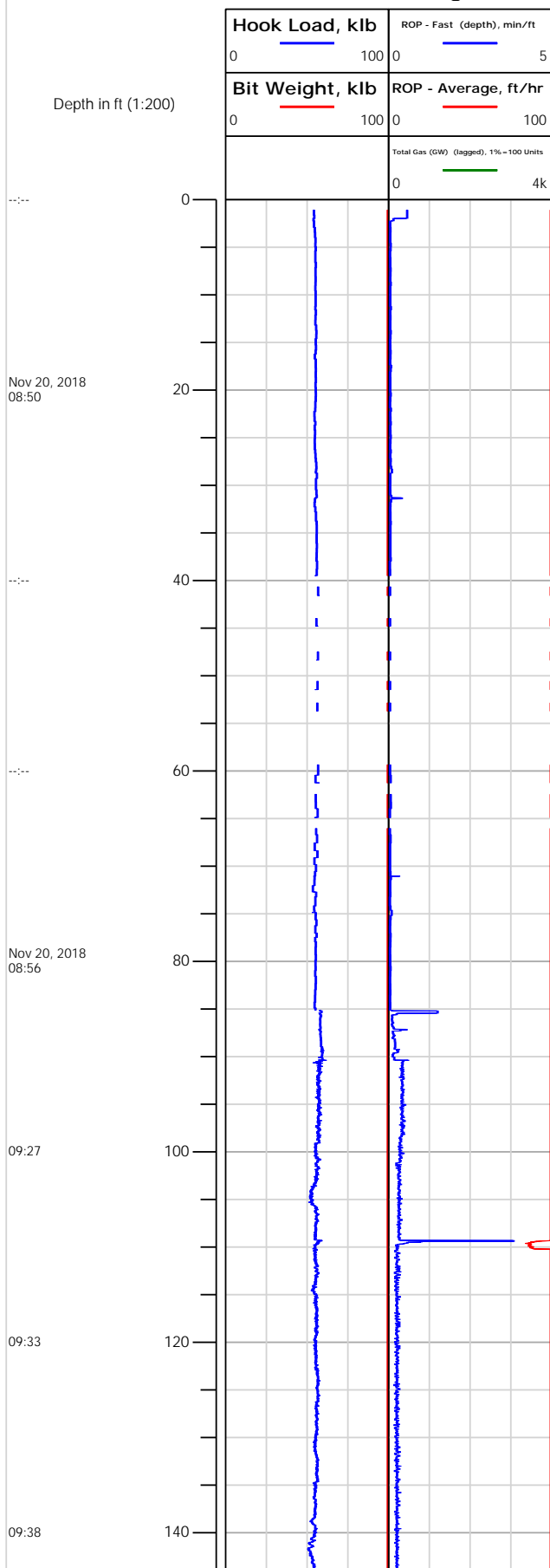


Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:





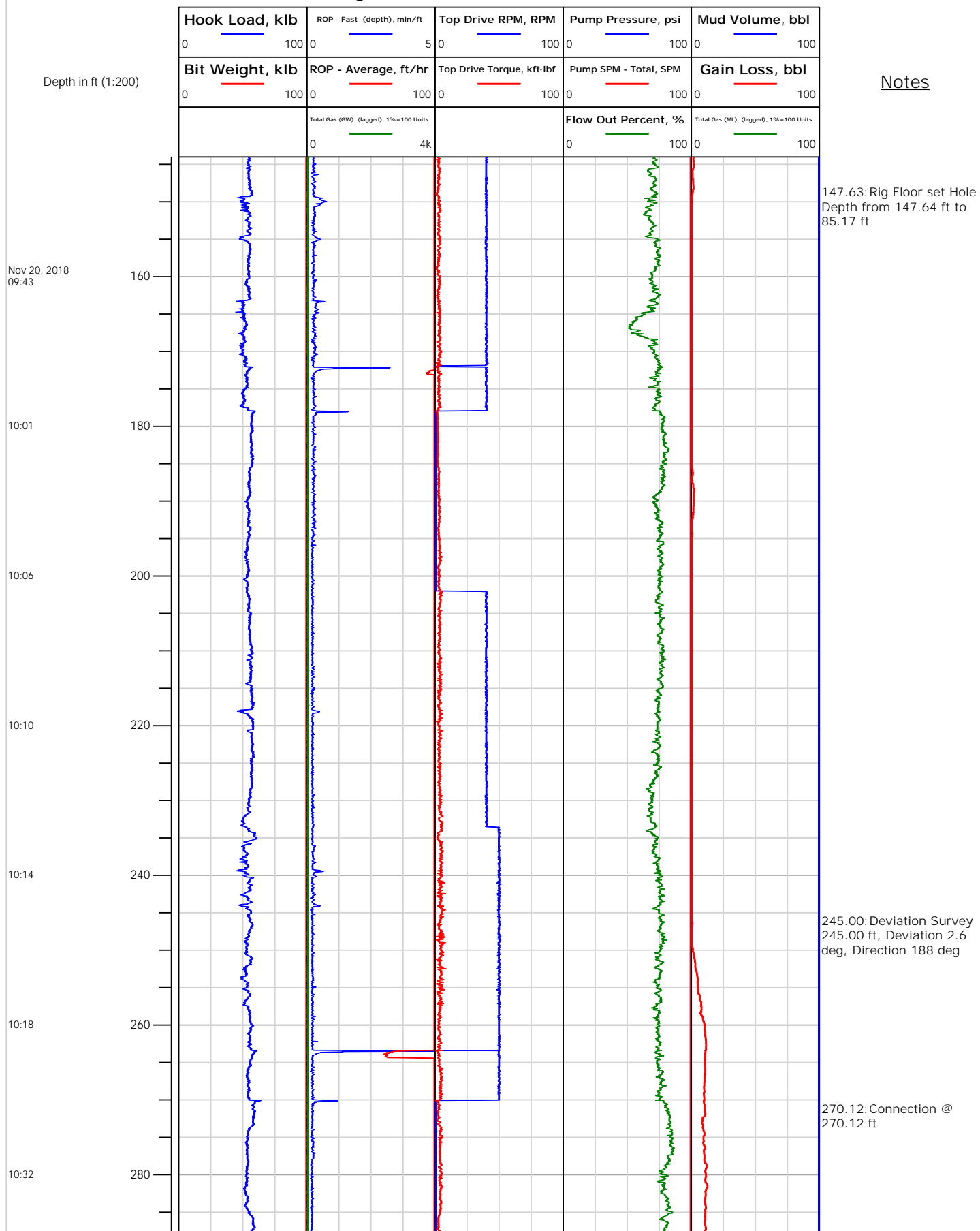
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





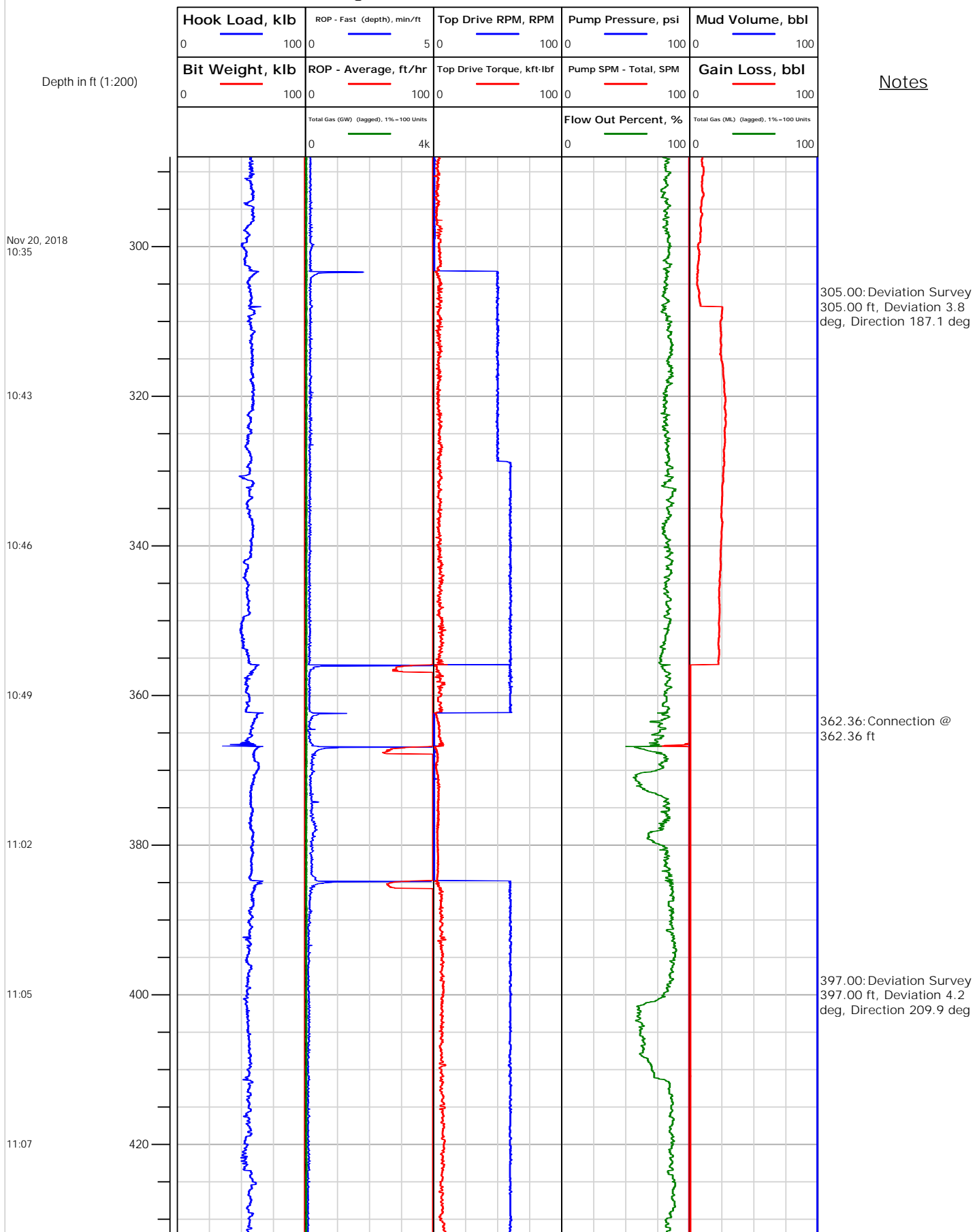
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





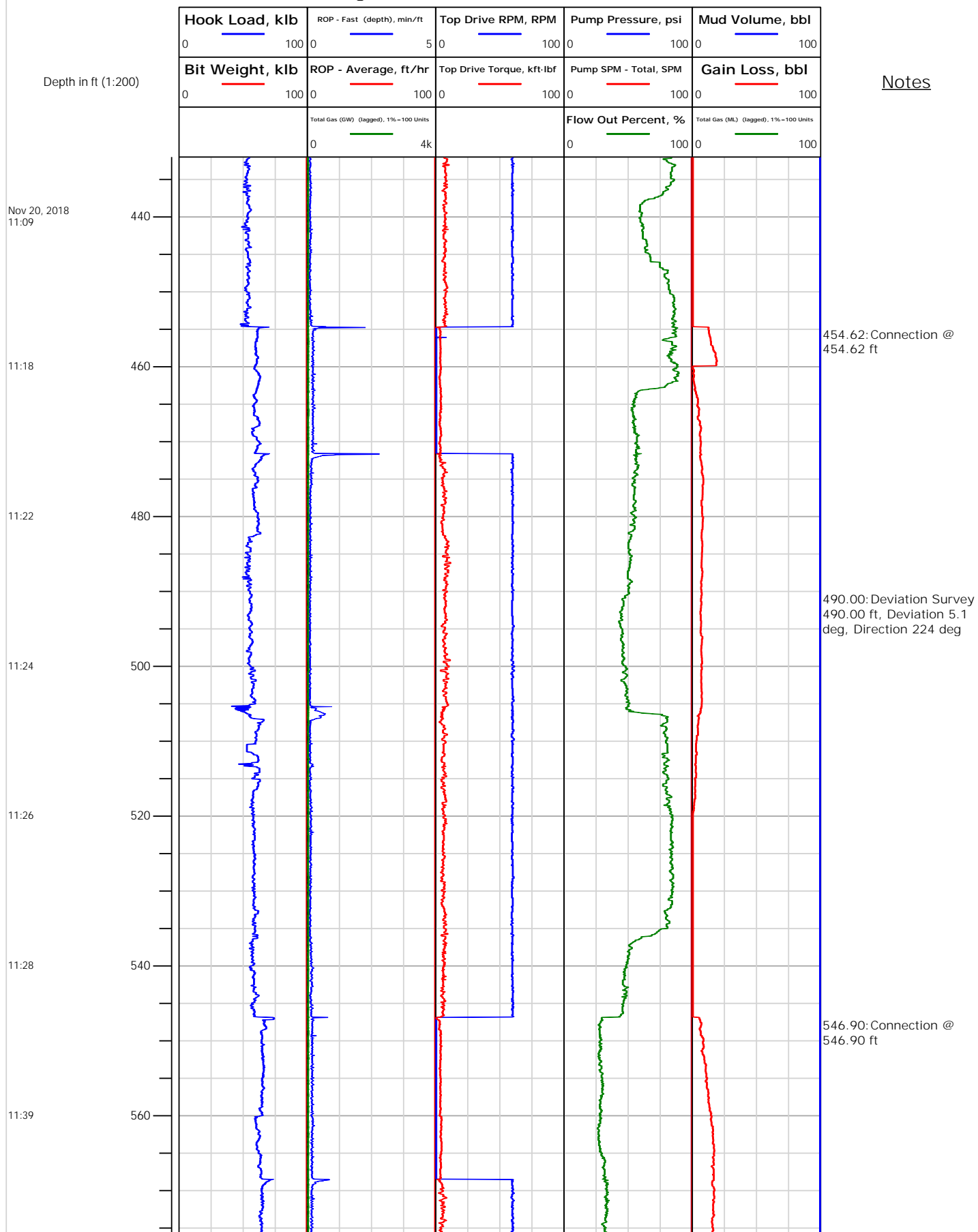
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes



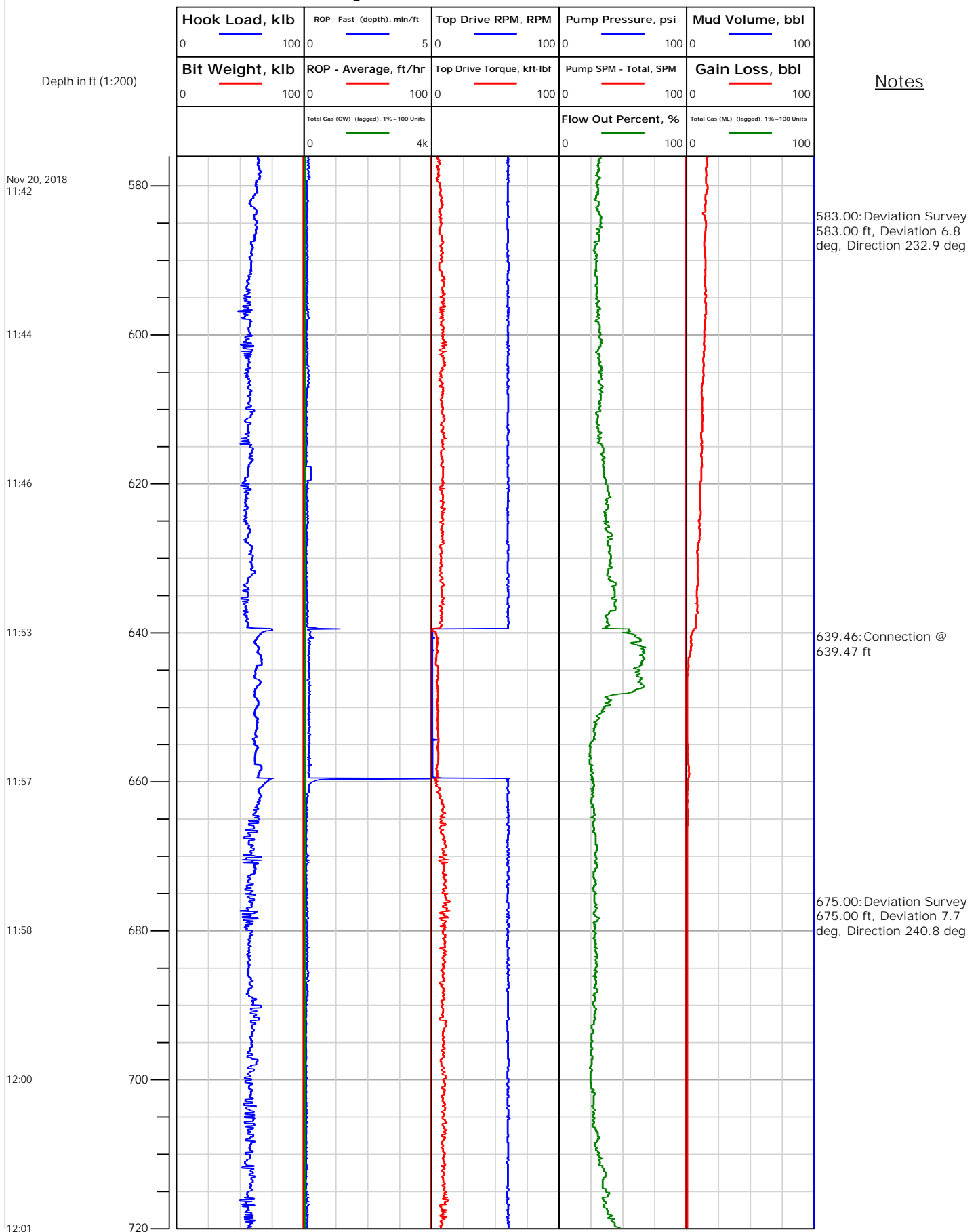


Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:





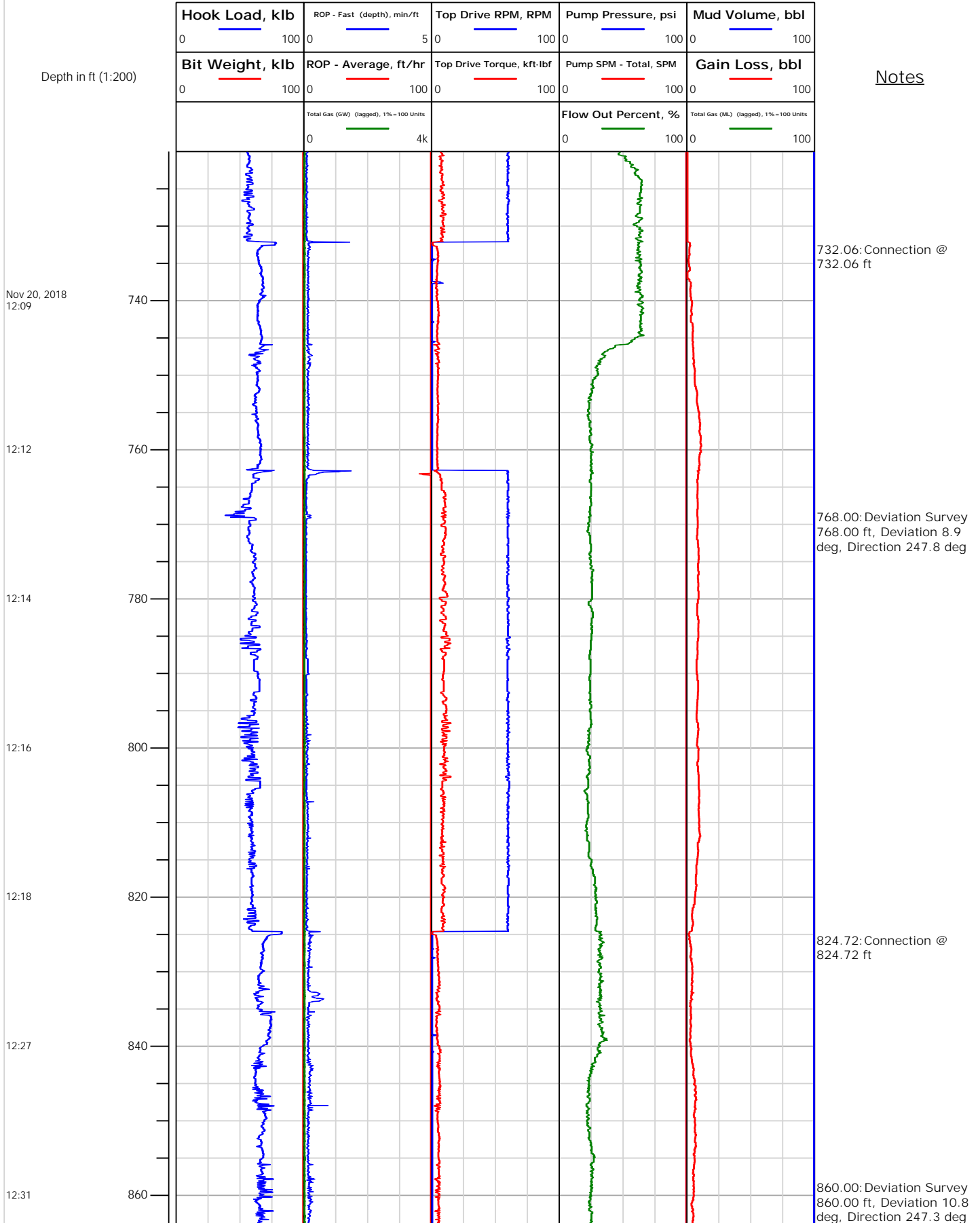
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes

Depth in ft (1:200)

Nov 20, 2018
12:34

12:36

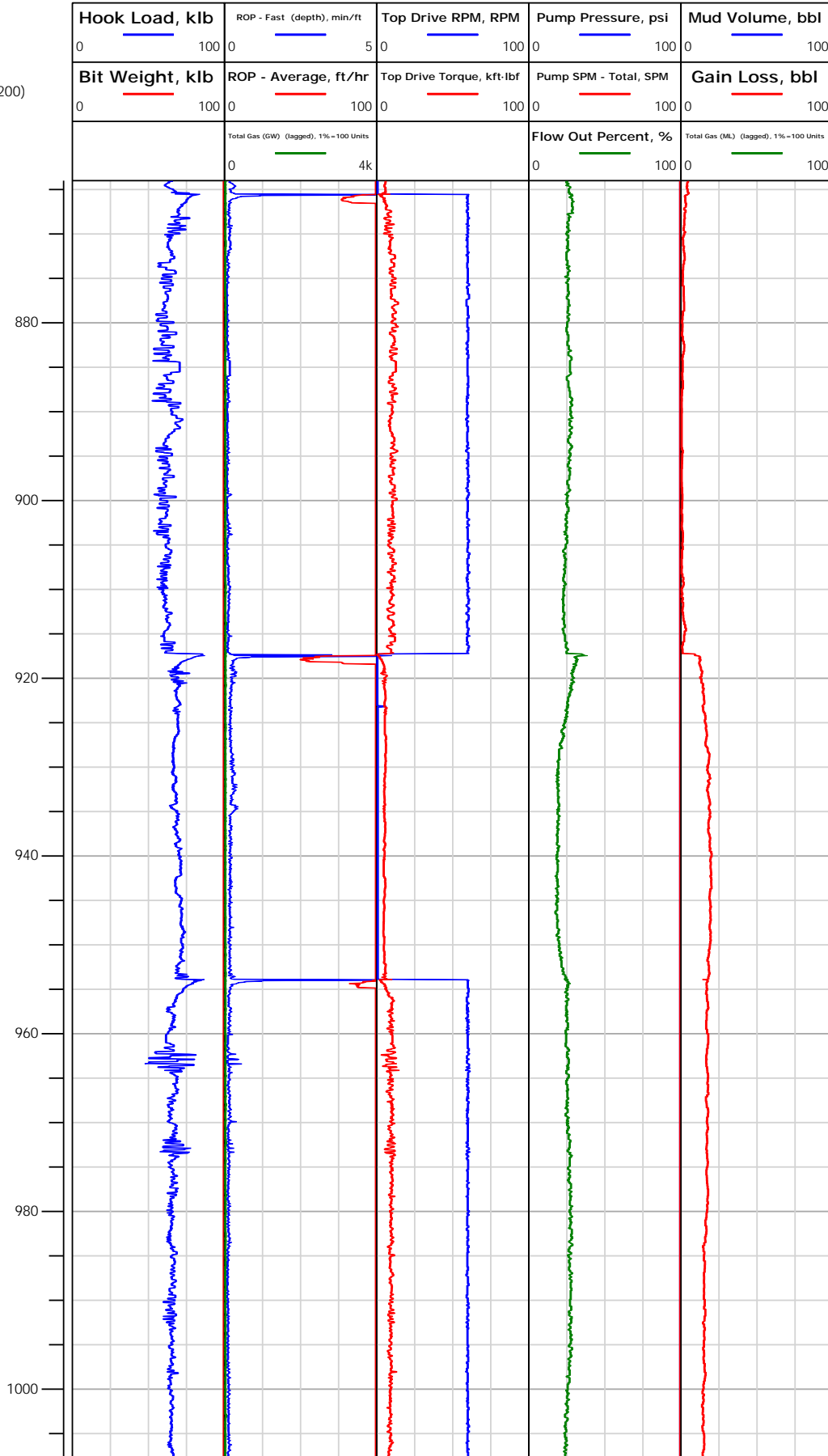
12:45

12:50

12:53

12:56

12:58



917.27: Connection @
917.27 ft

953.00: Deviation Survey
953.00 ft, Deviation 12.6
deg, Direction 247.6 deg



Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Depth in ft (1:200)

Notes

Nov 20, 2018
13:05

13:09

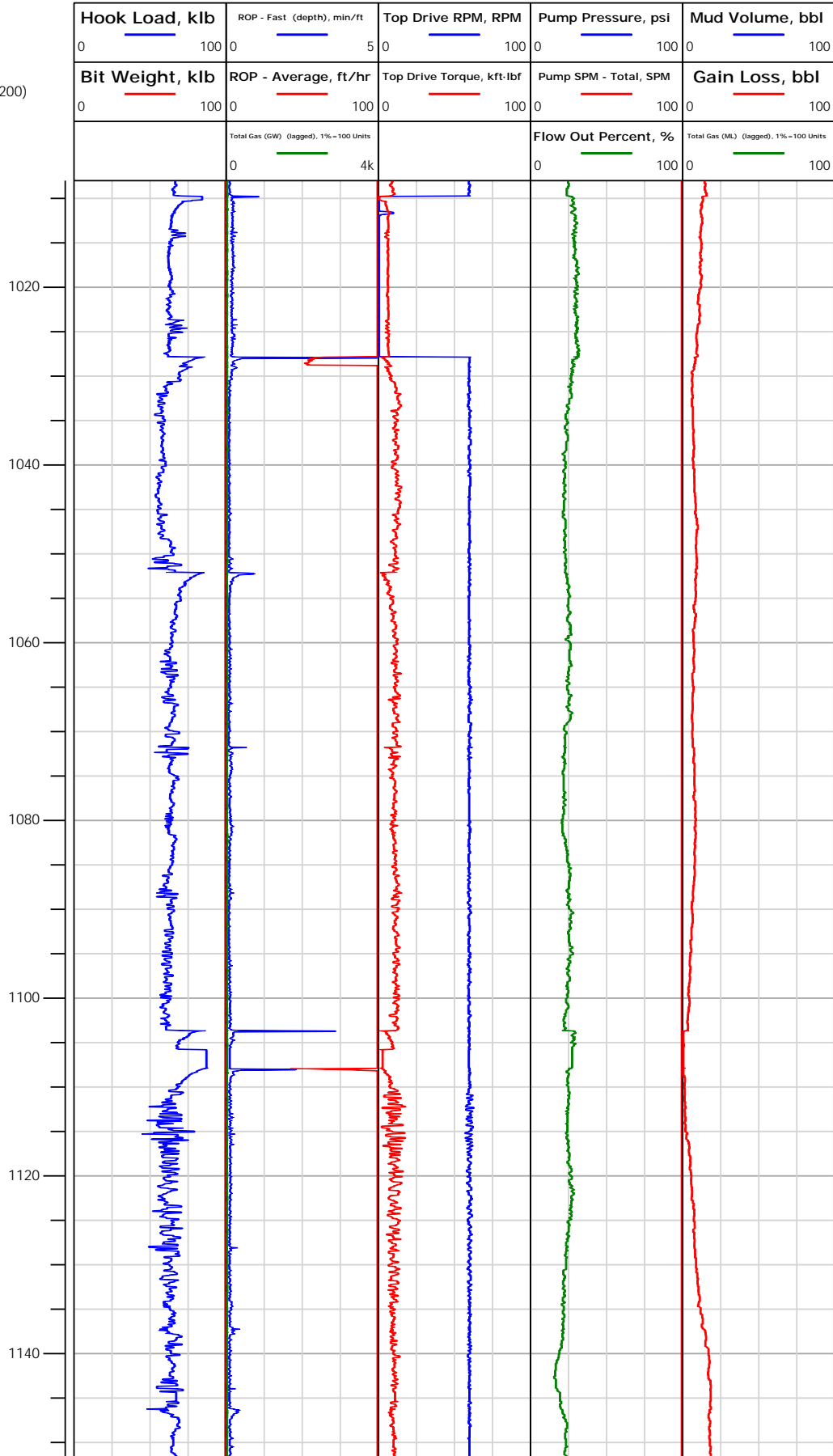
13:11

13:13

13:15

13:24

13:27



1009.68: Connection @
1009.68 ft

1048.00: Deviation Survey
1048.00 ft, Deviation 14.2
deg, Direction 248.3 deg

1103.73: Connection @
1103.73 ft
1105.85: Rig Floor set Hole
Depth from 1105.85 ft to
1108.00 ft

1142.00: Deviation Survey
1142.00 ft, Deviation 14.3
deg, Direction 248.6 deg

Location:

Electronic Drilling Recorder





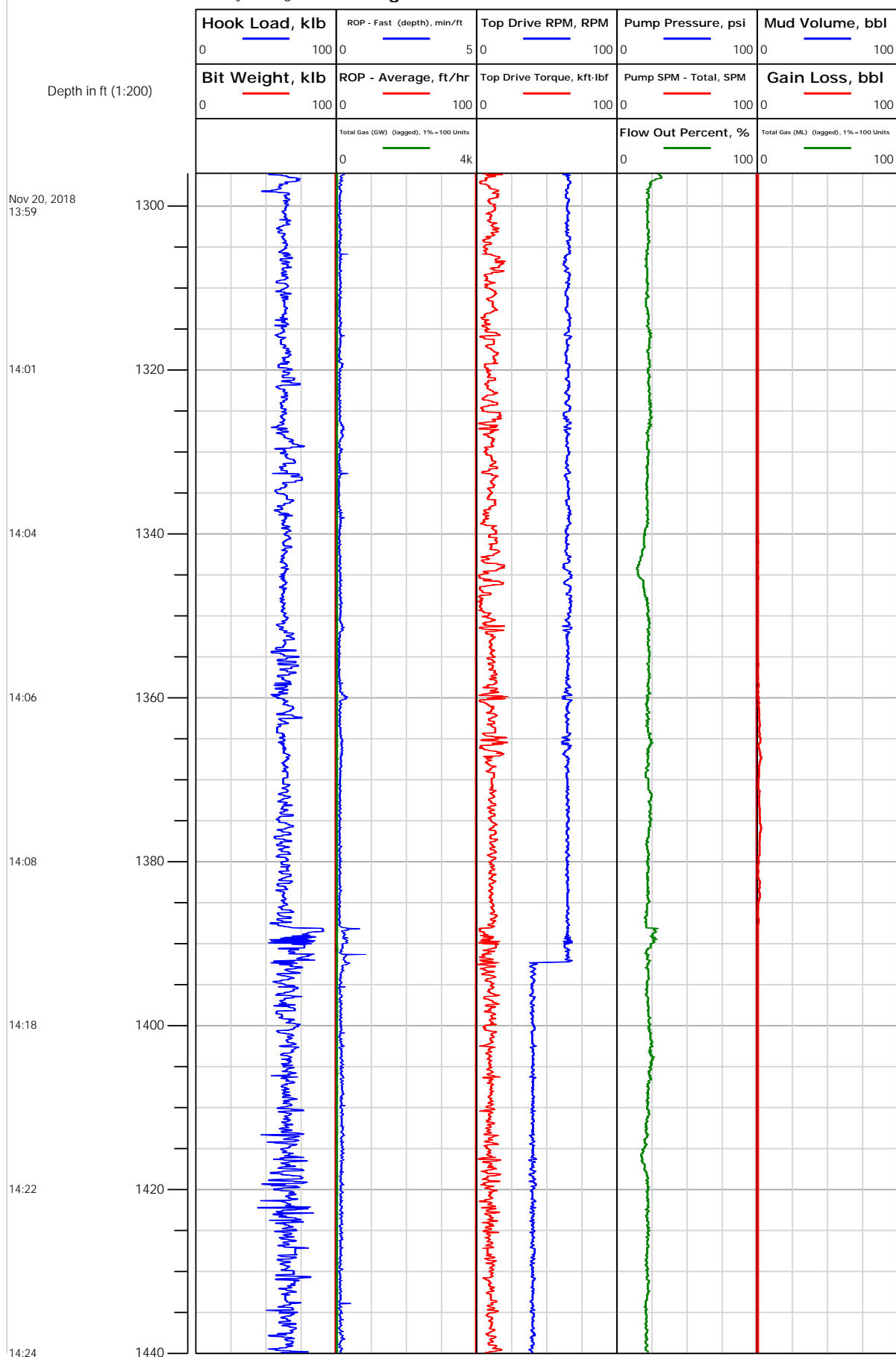
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





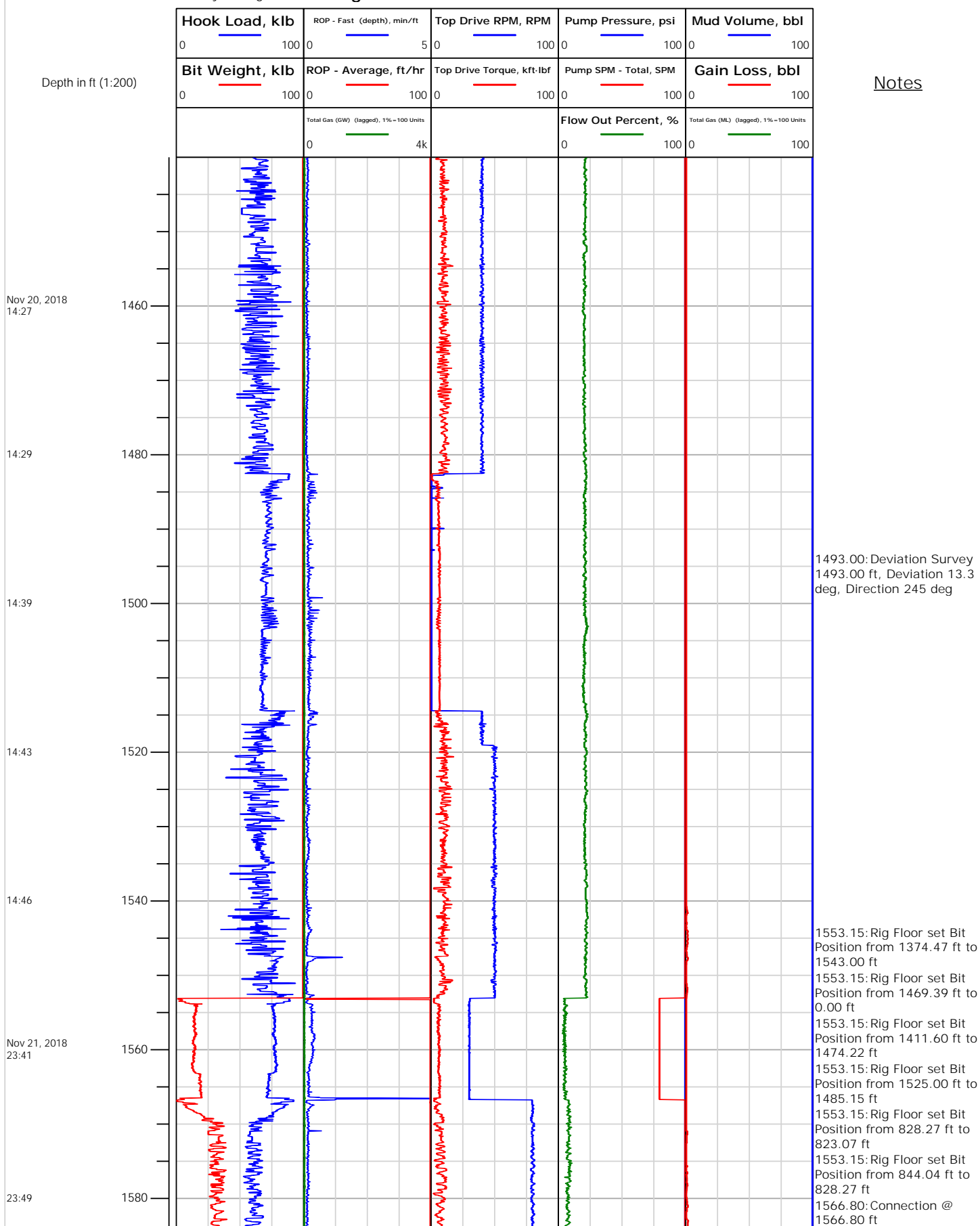
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





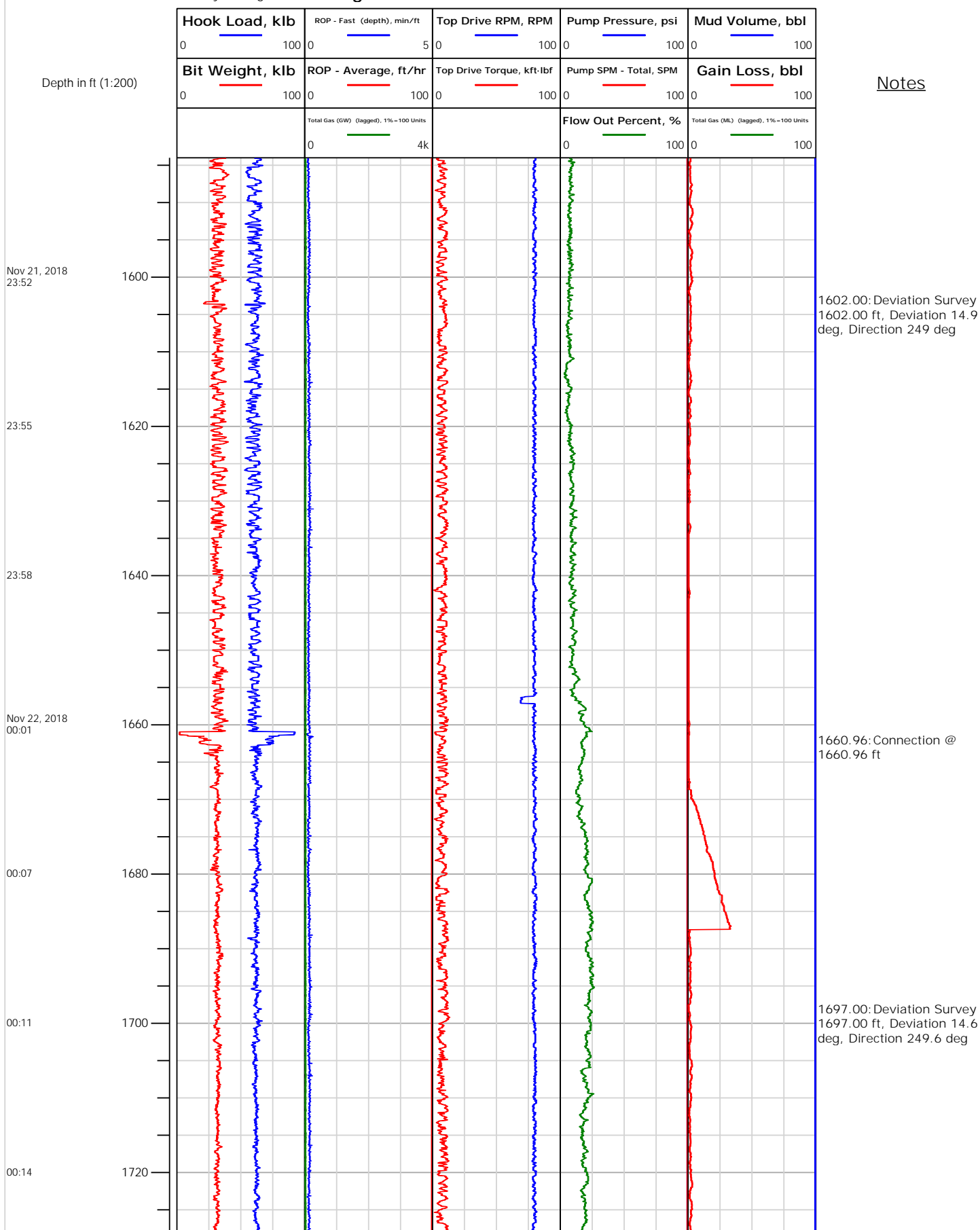
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





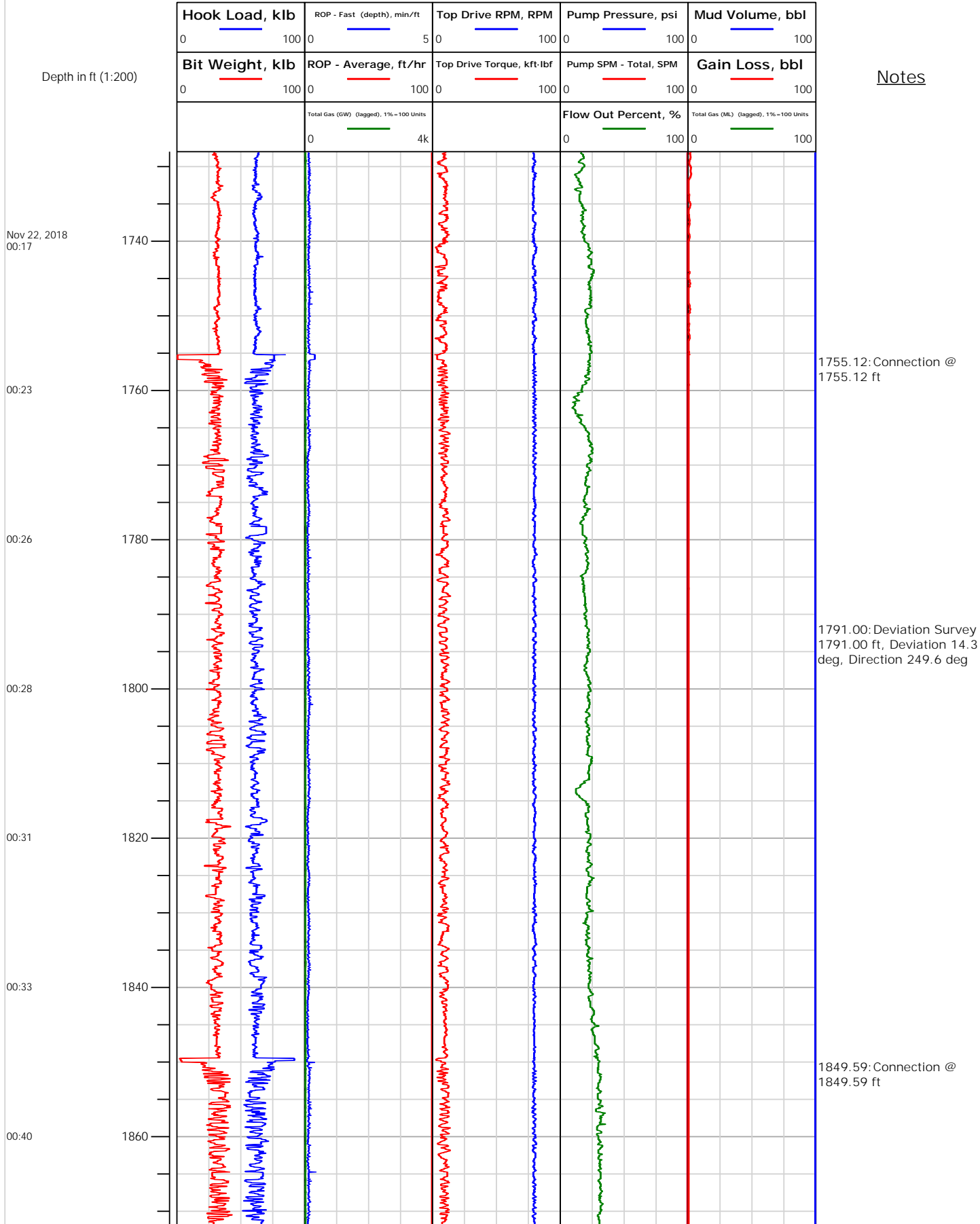
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





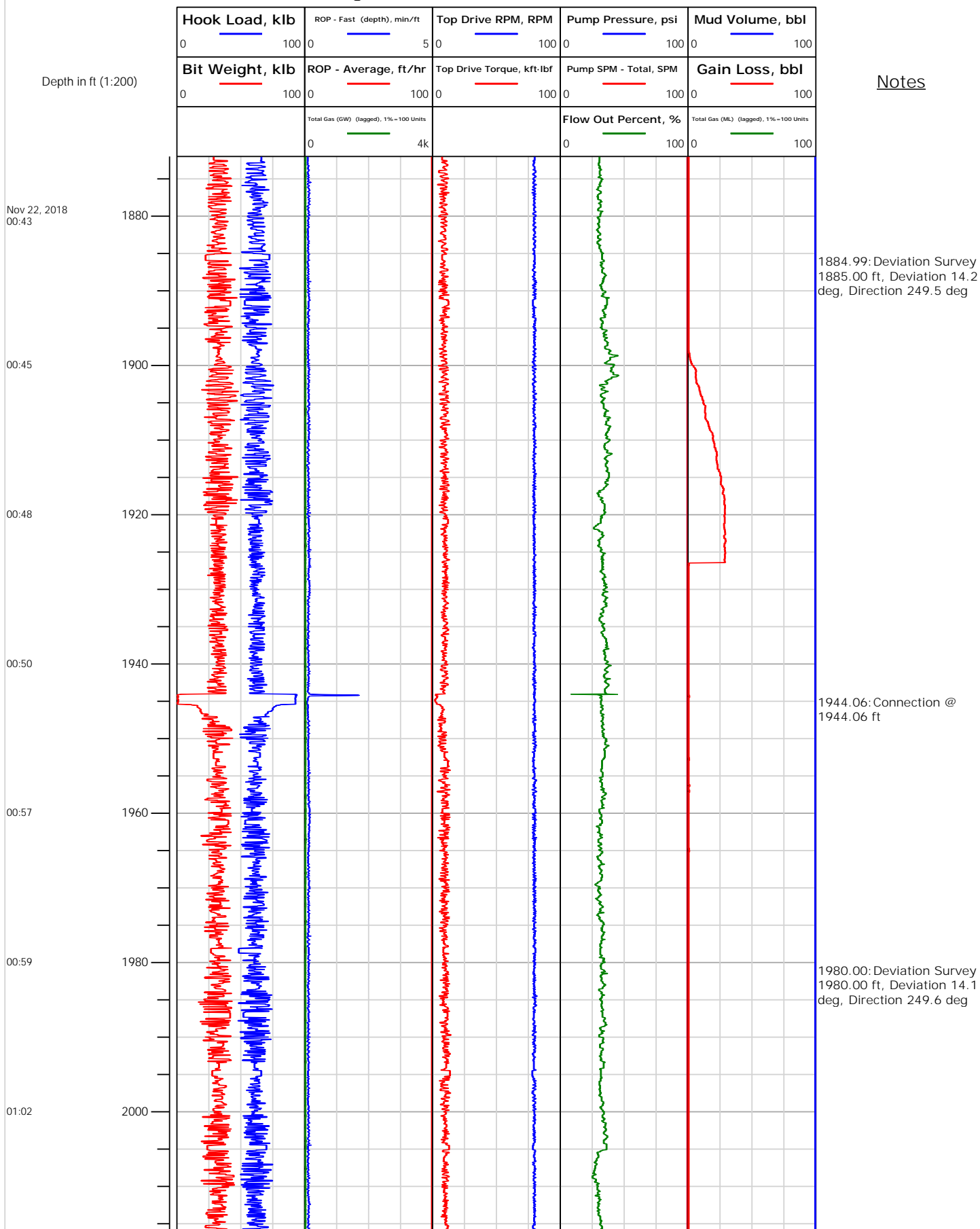
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





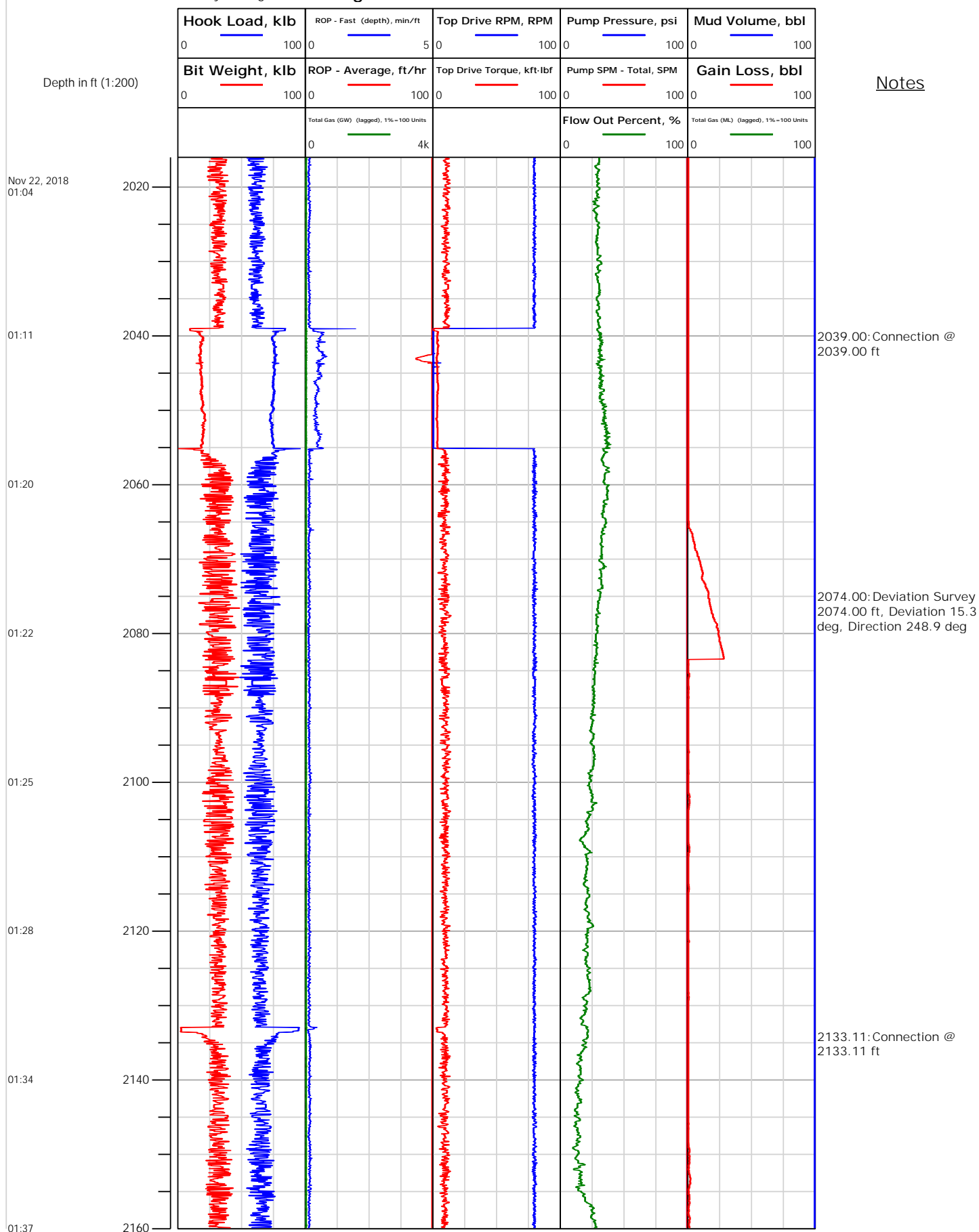
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





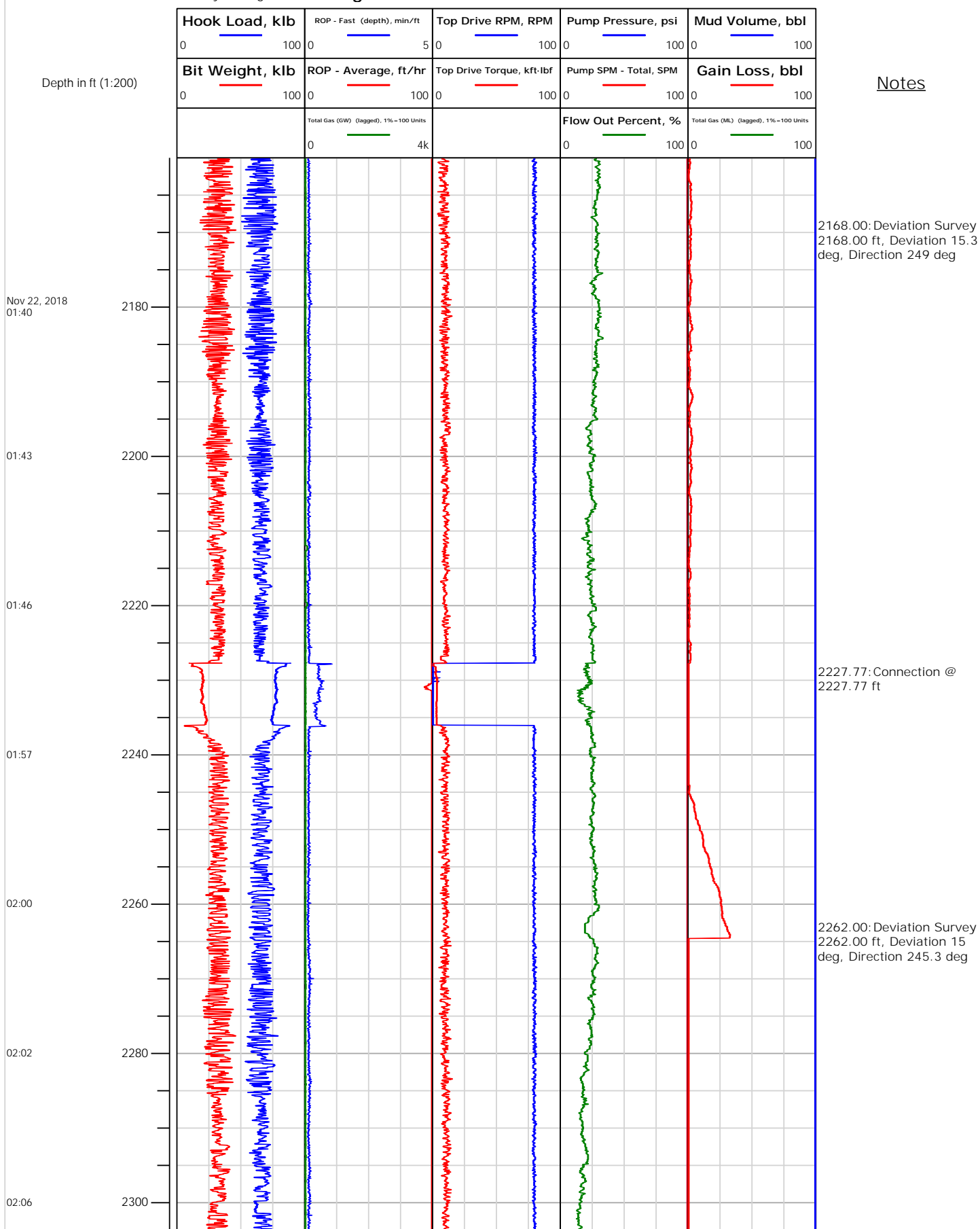
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





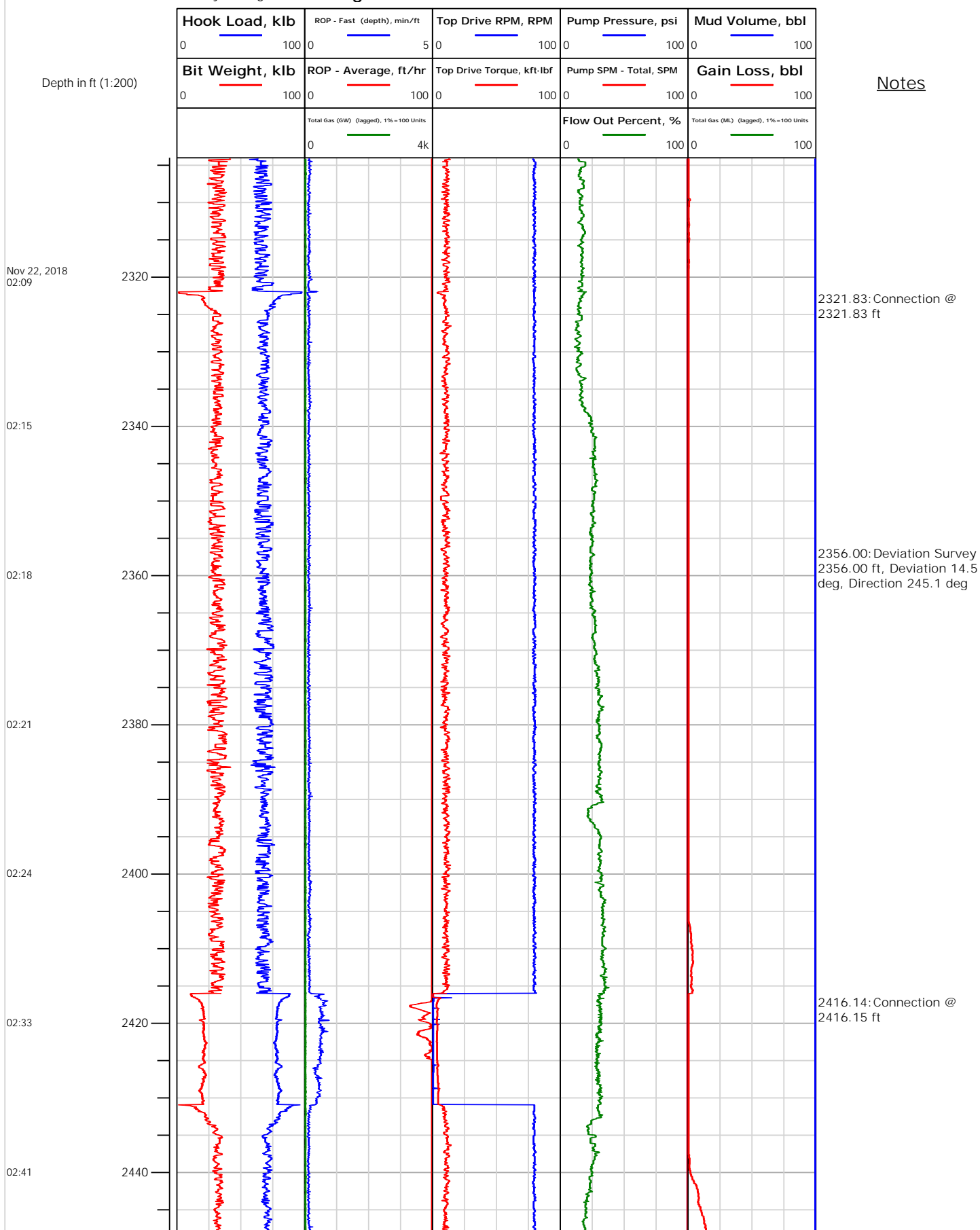
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





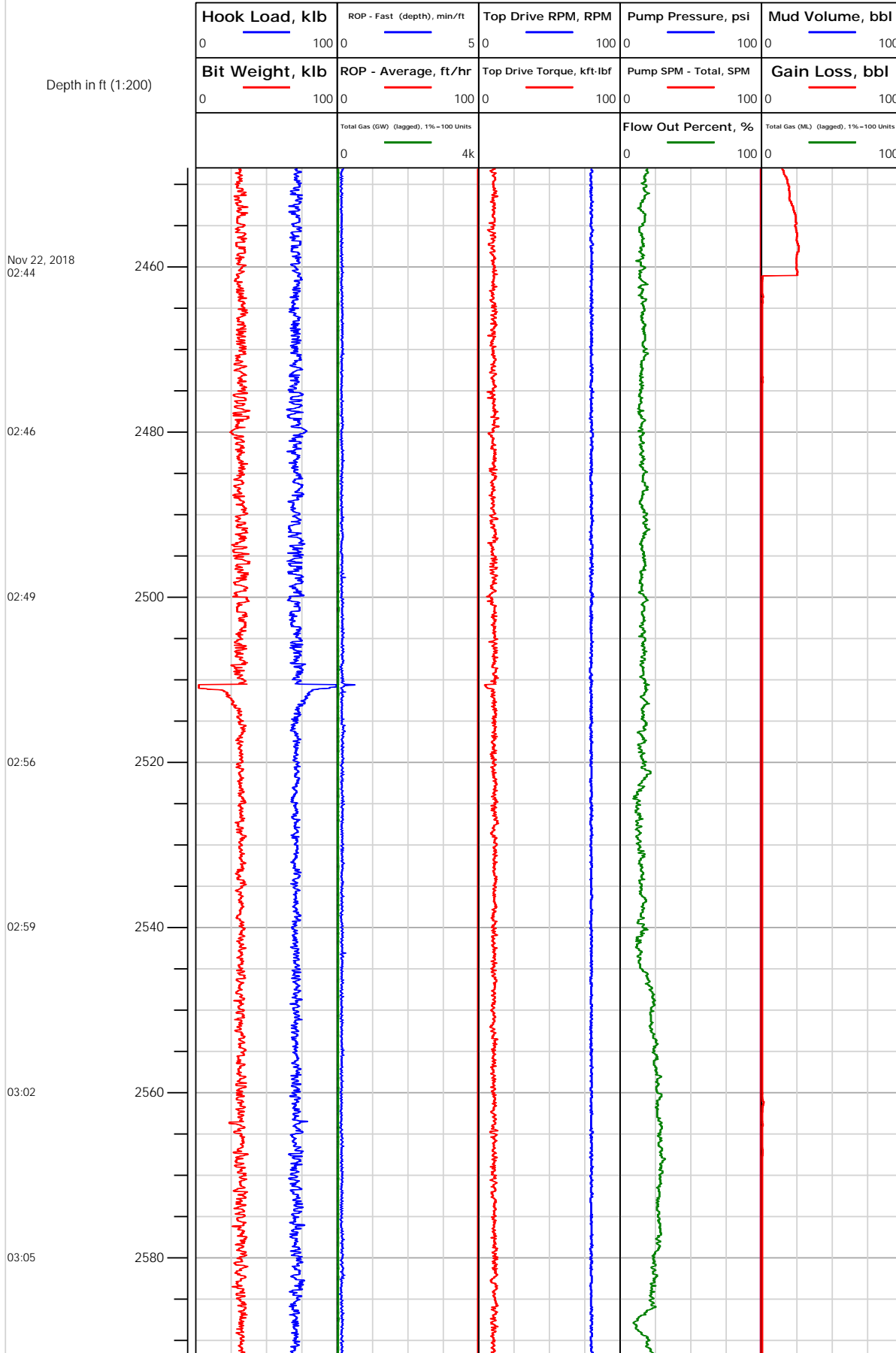
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

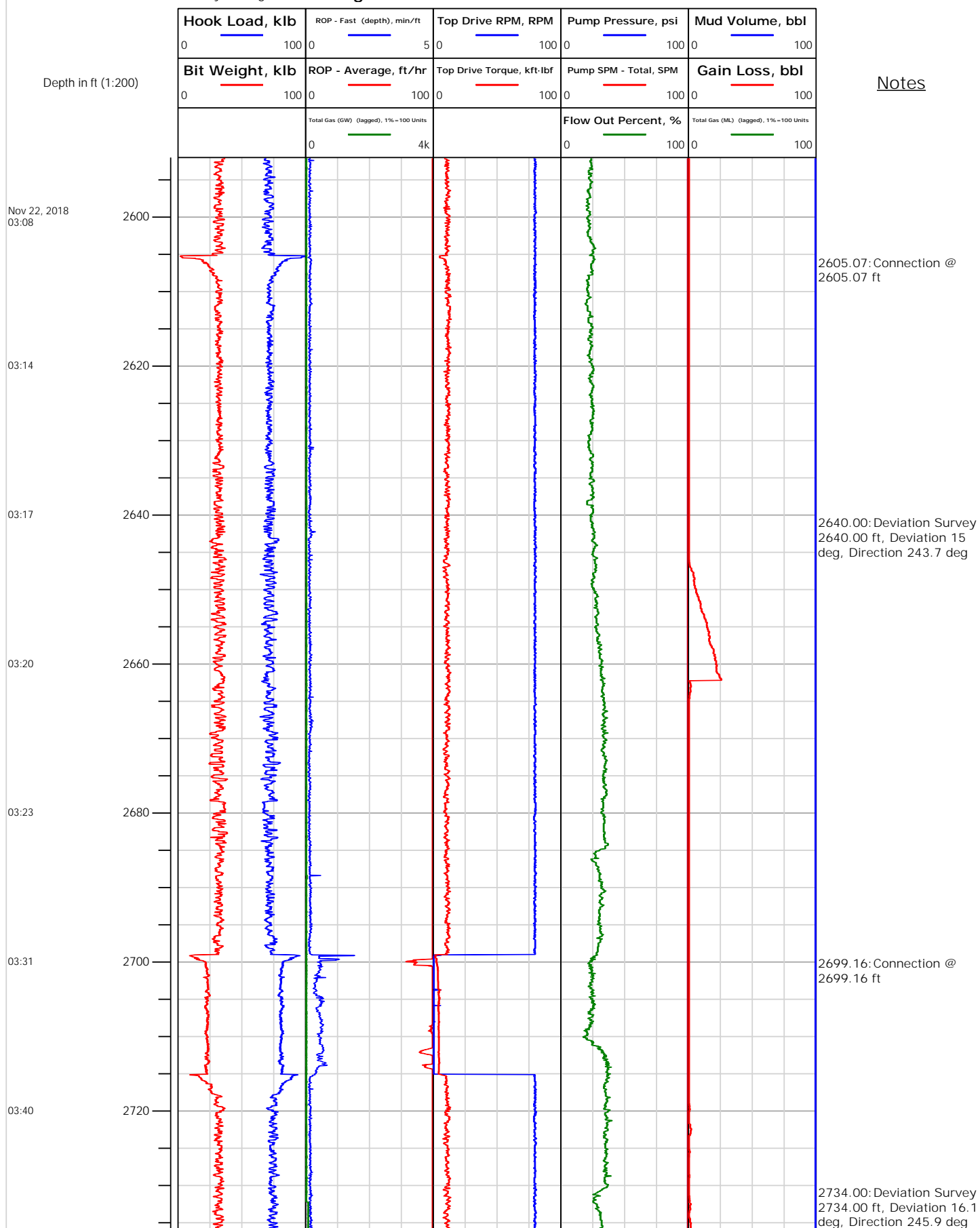
Location:

Notes



Location:

Electronic Drilling Recorder





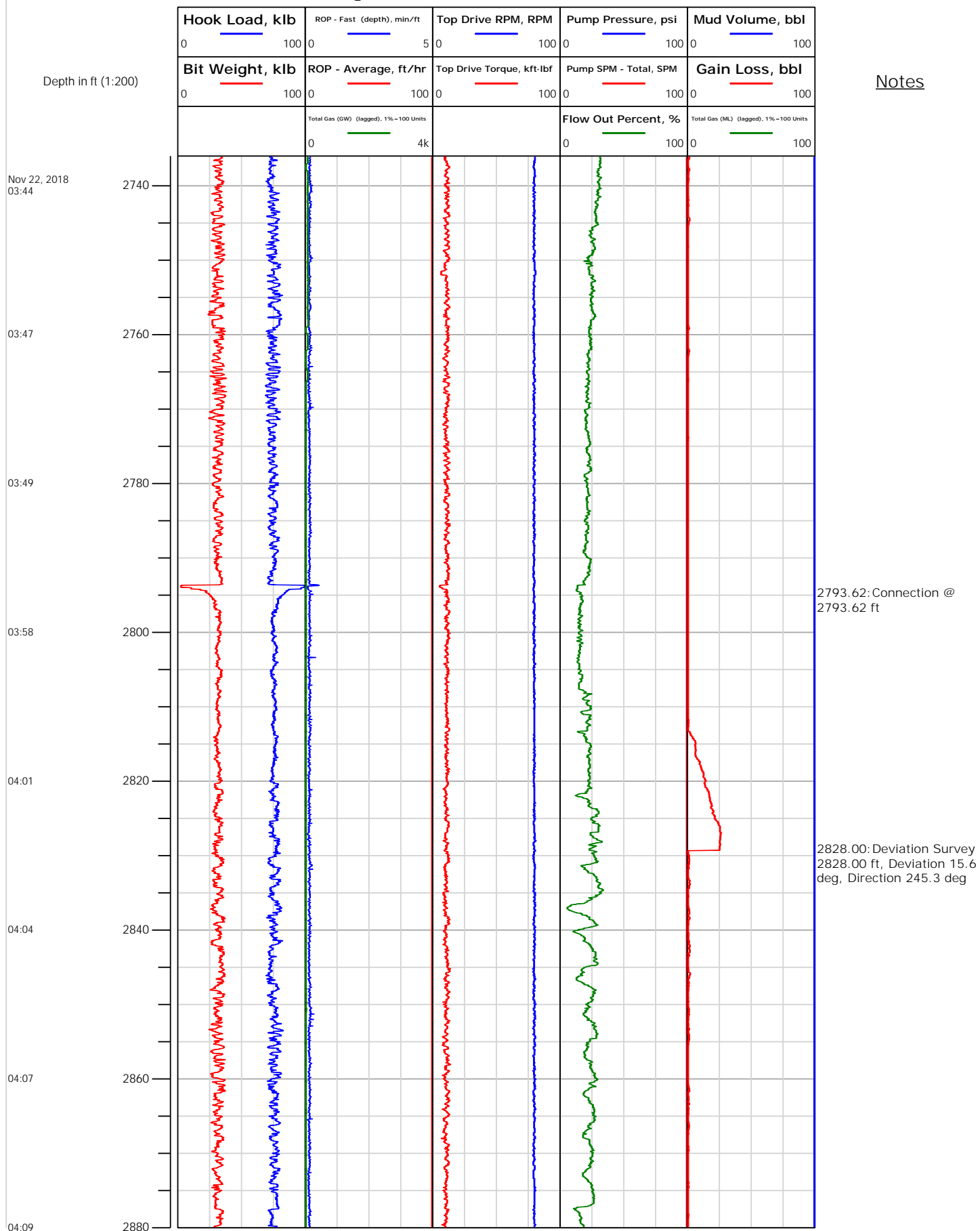
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Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





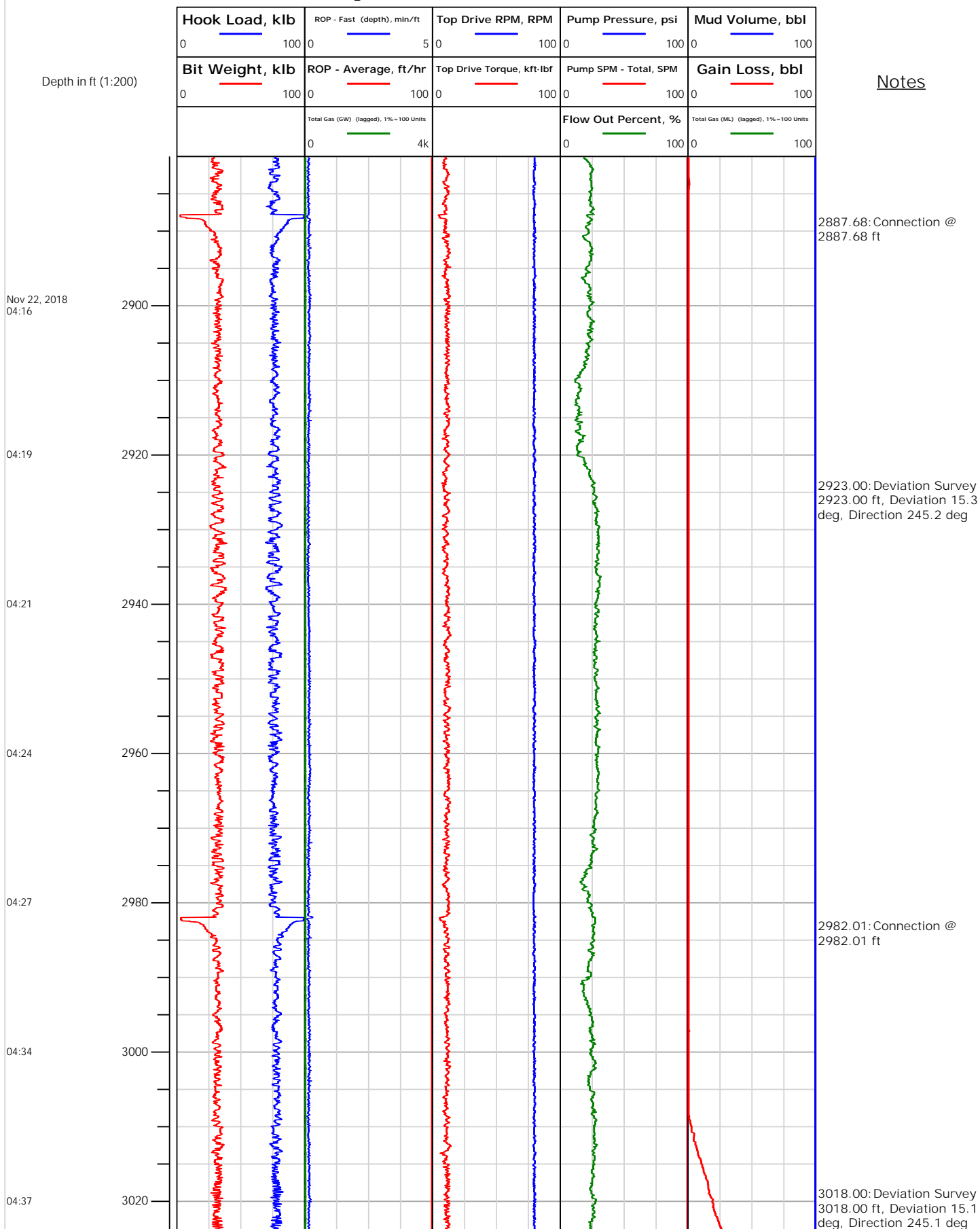
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





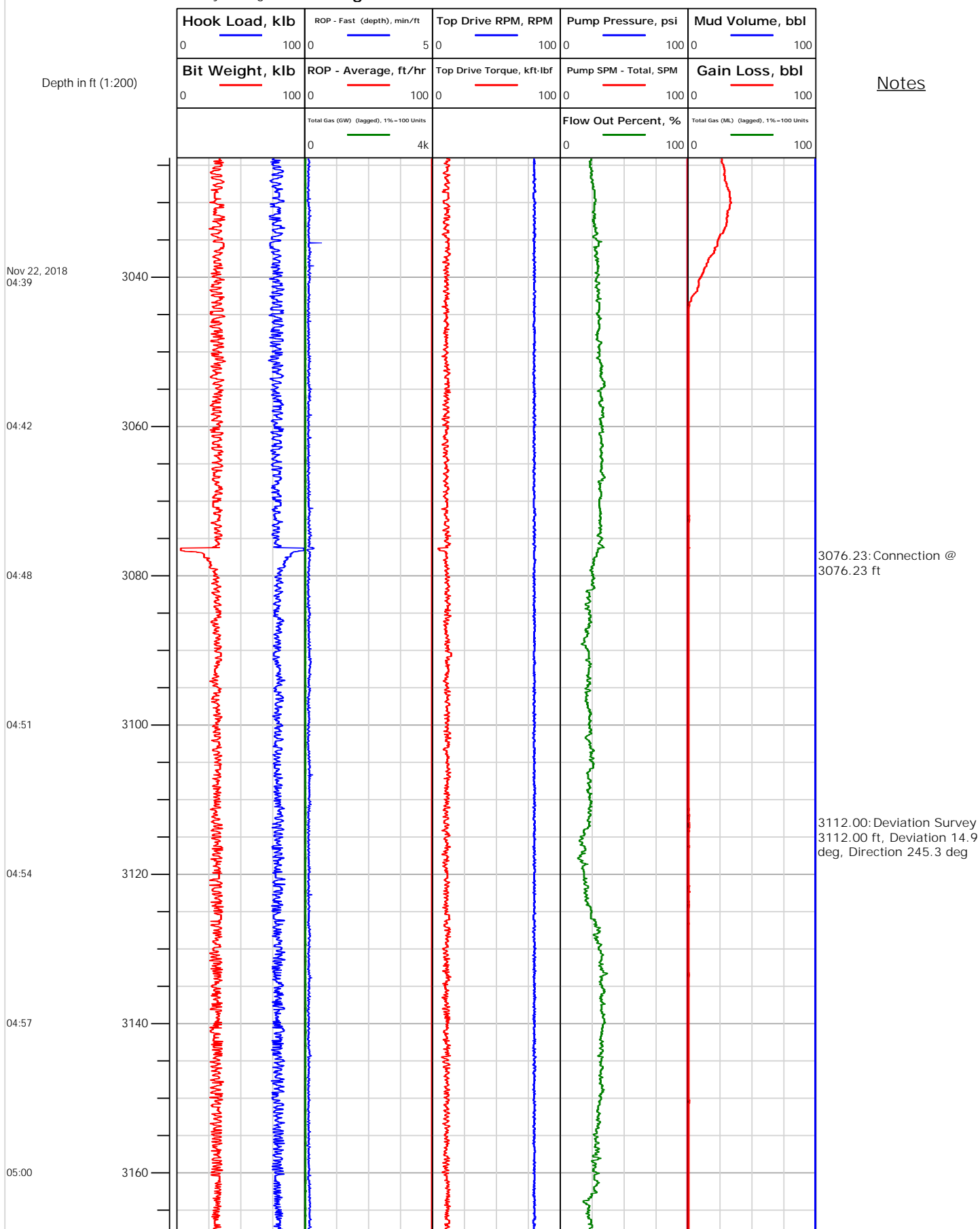
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





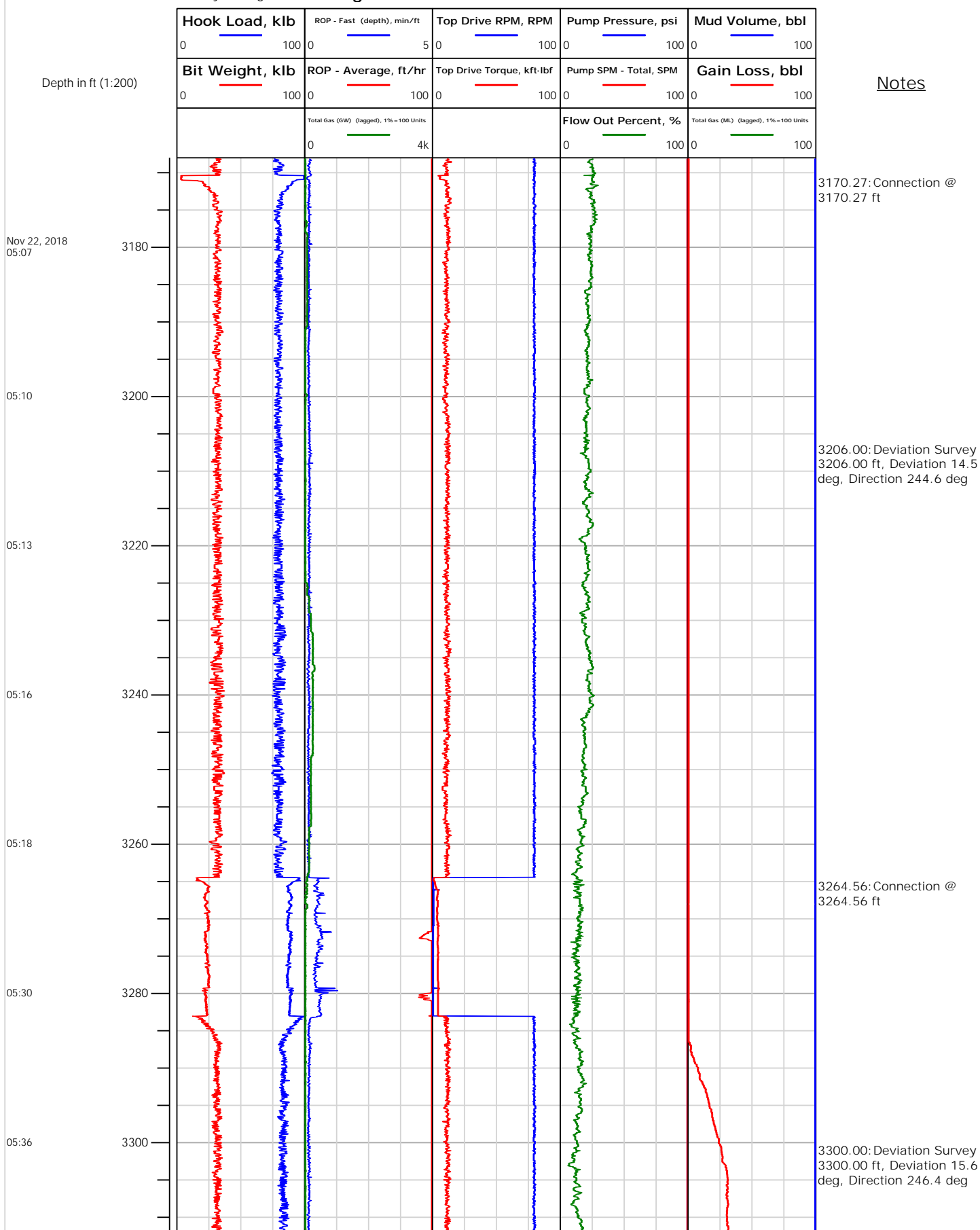
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





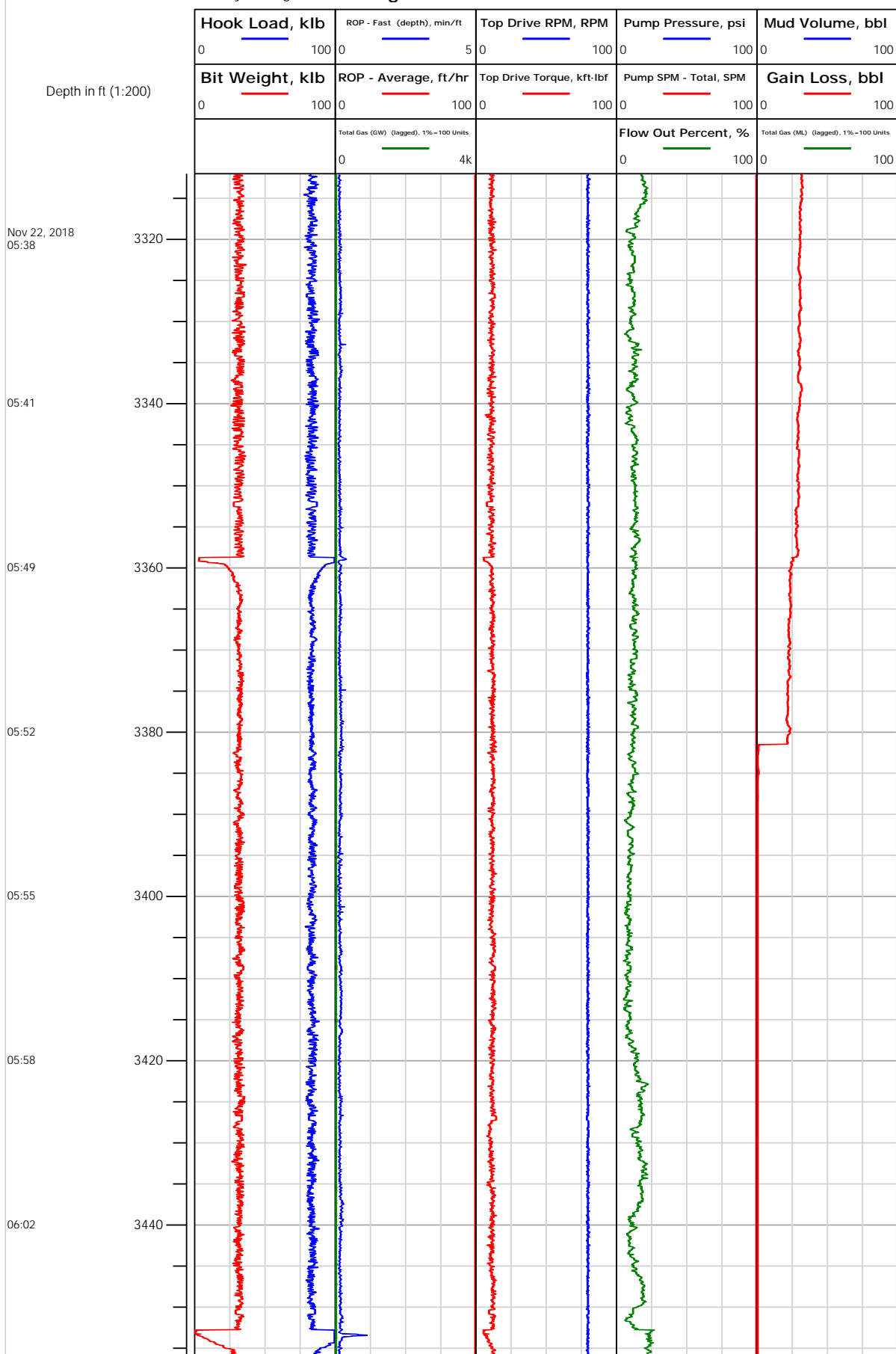
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

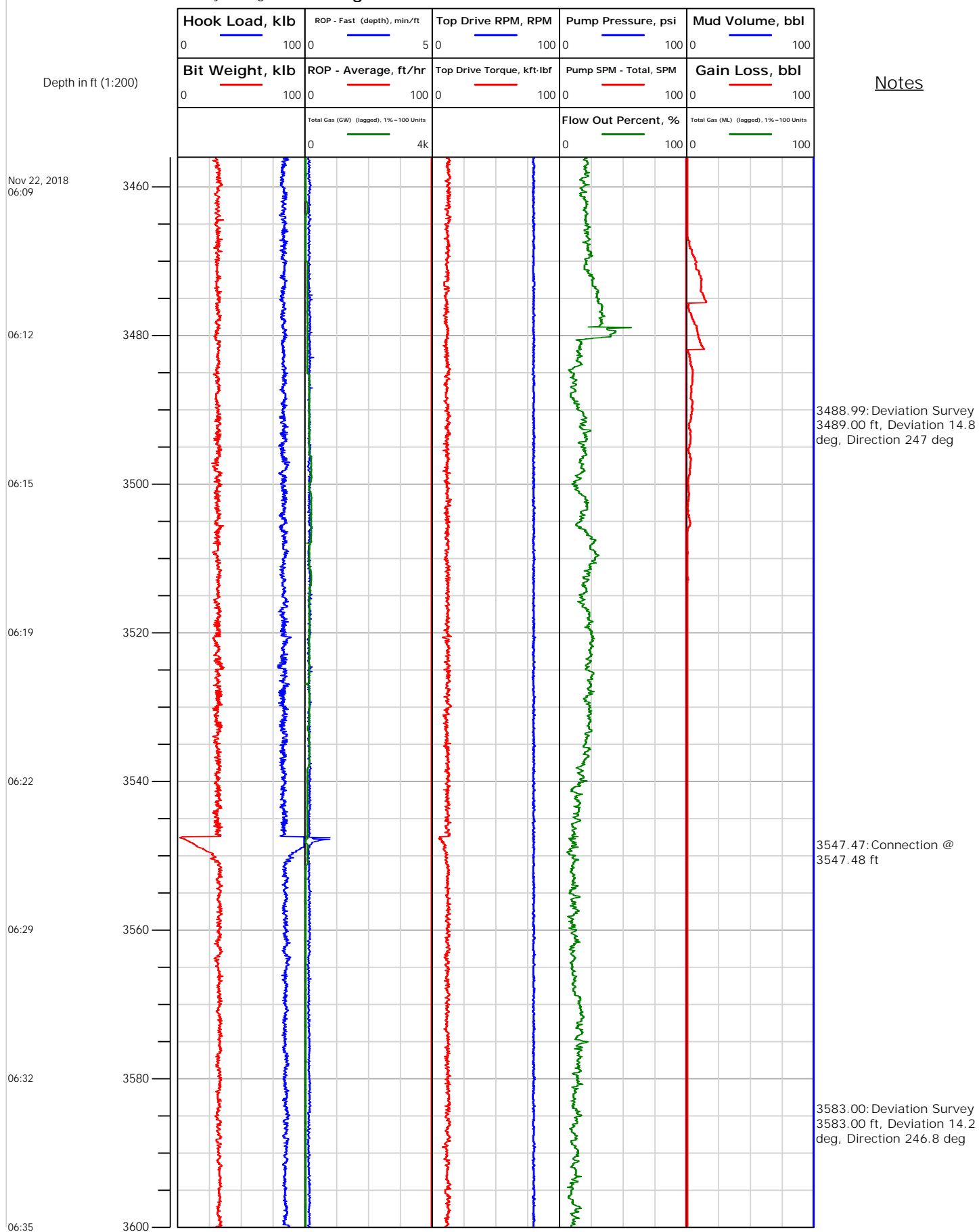
Location:

Notes



Location:

Electronic Drilling Recorder





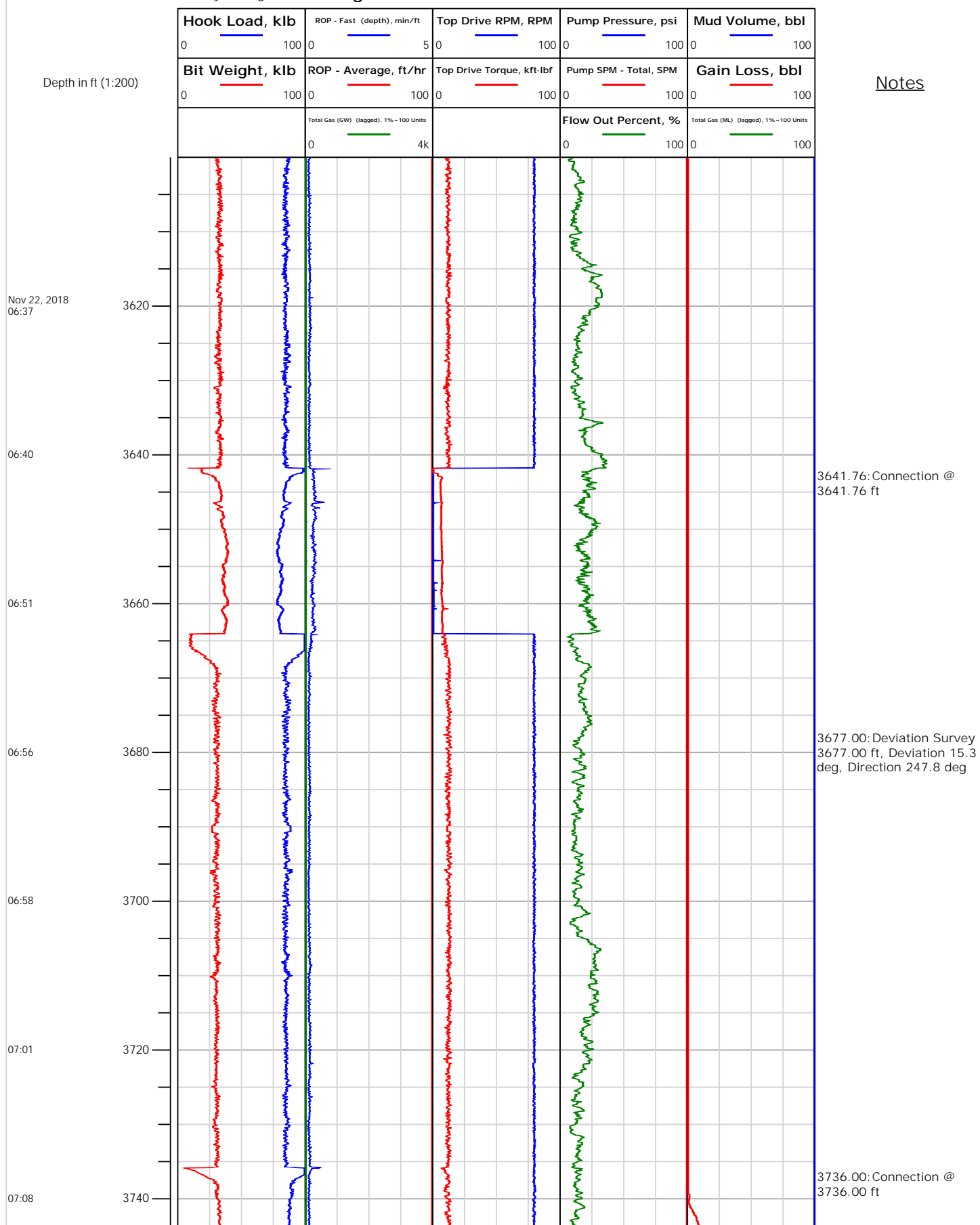
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





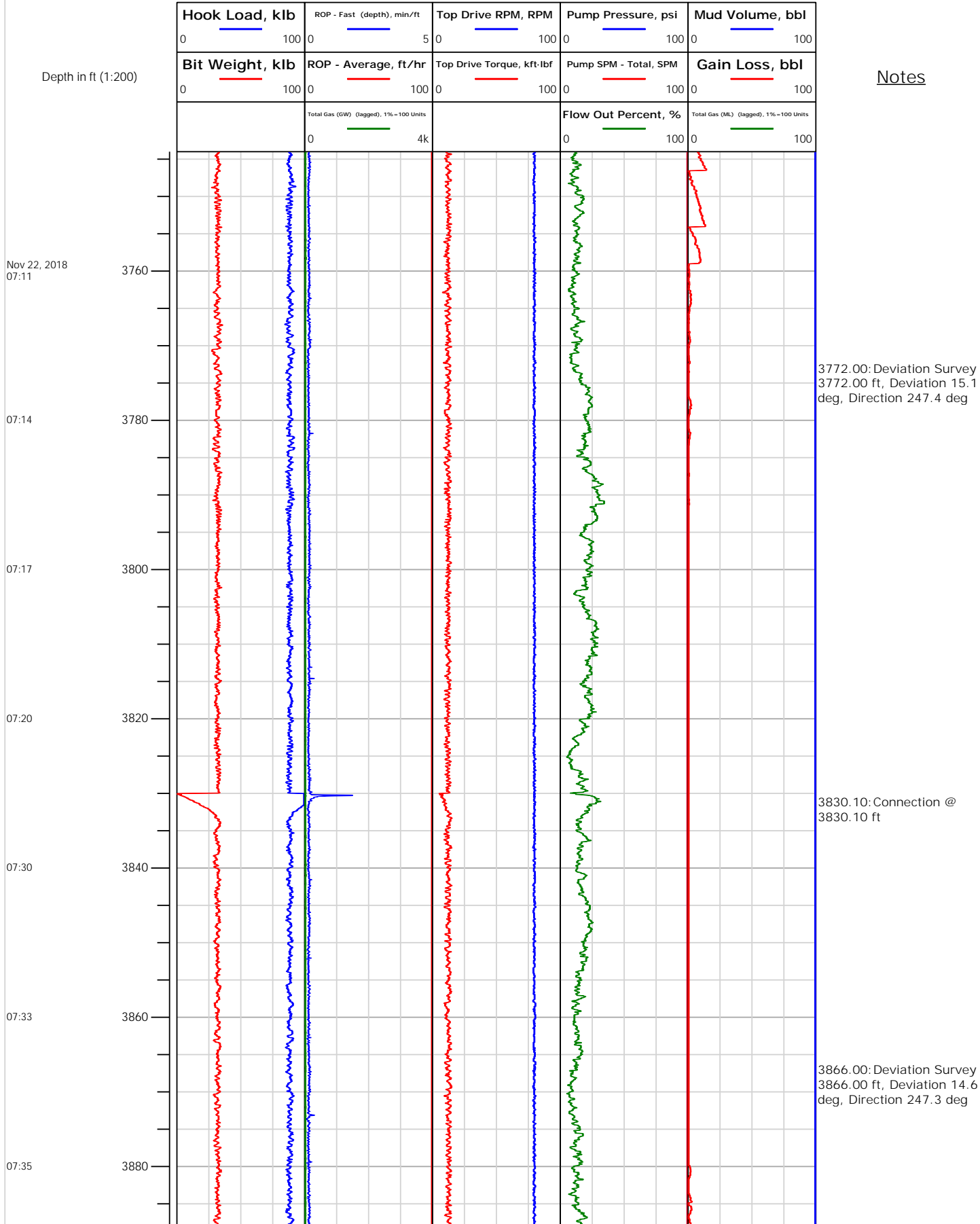
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





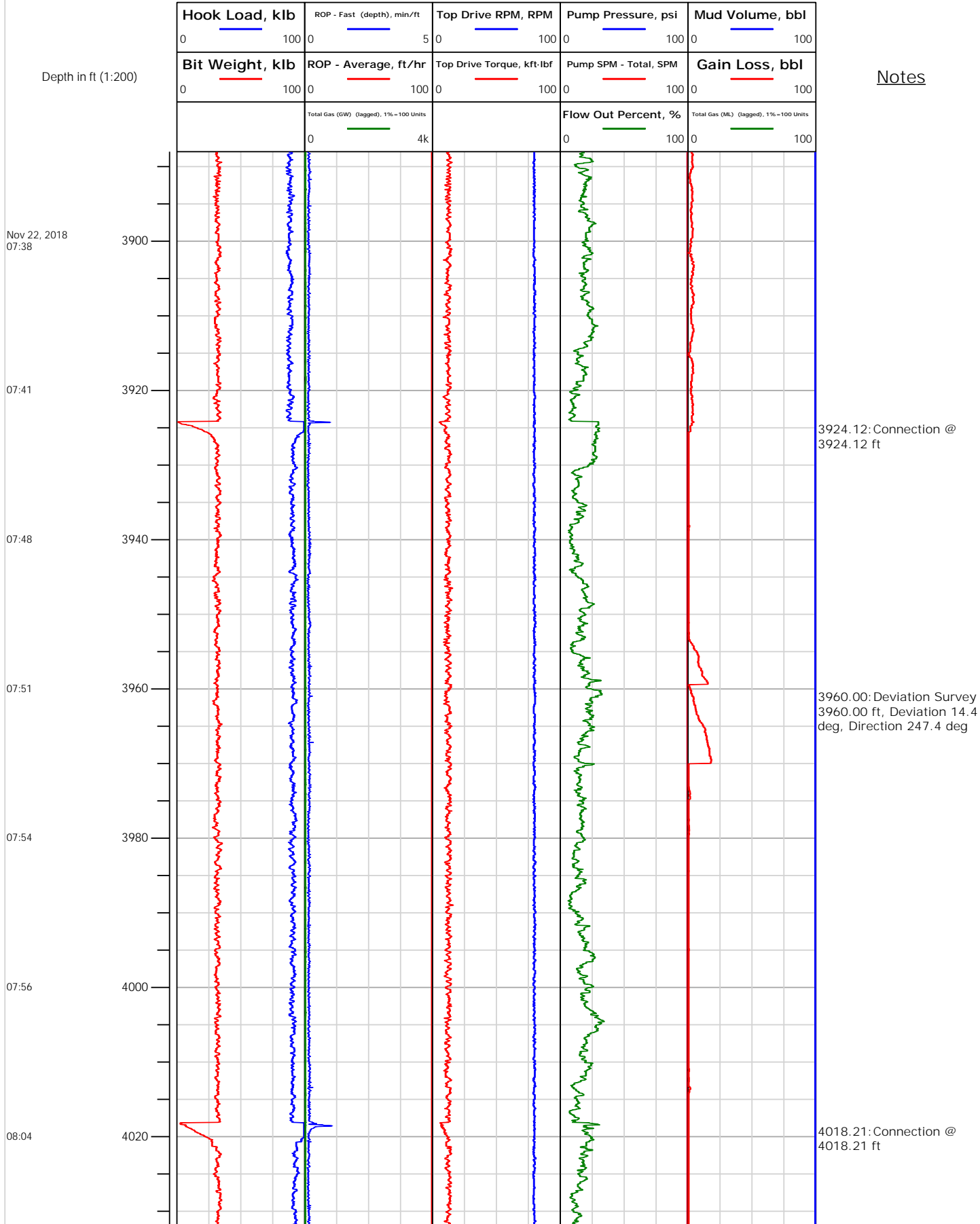
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Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





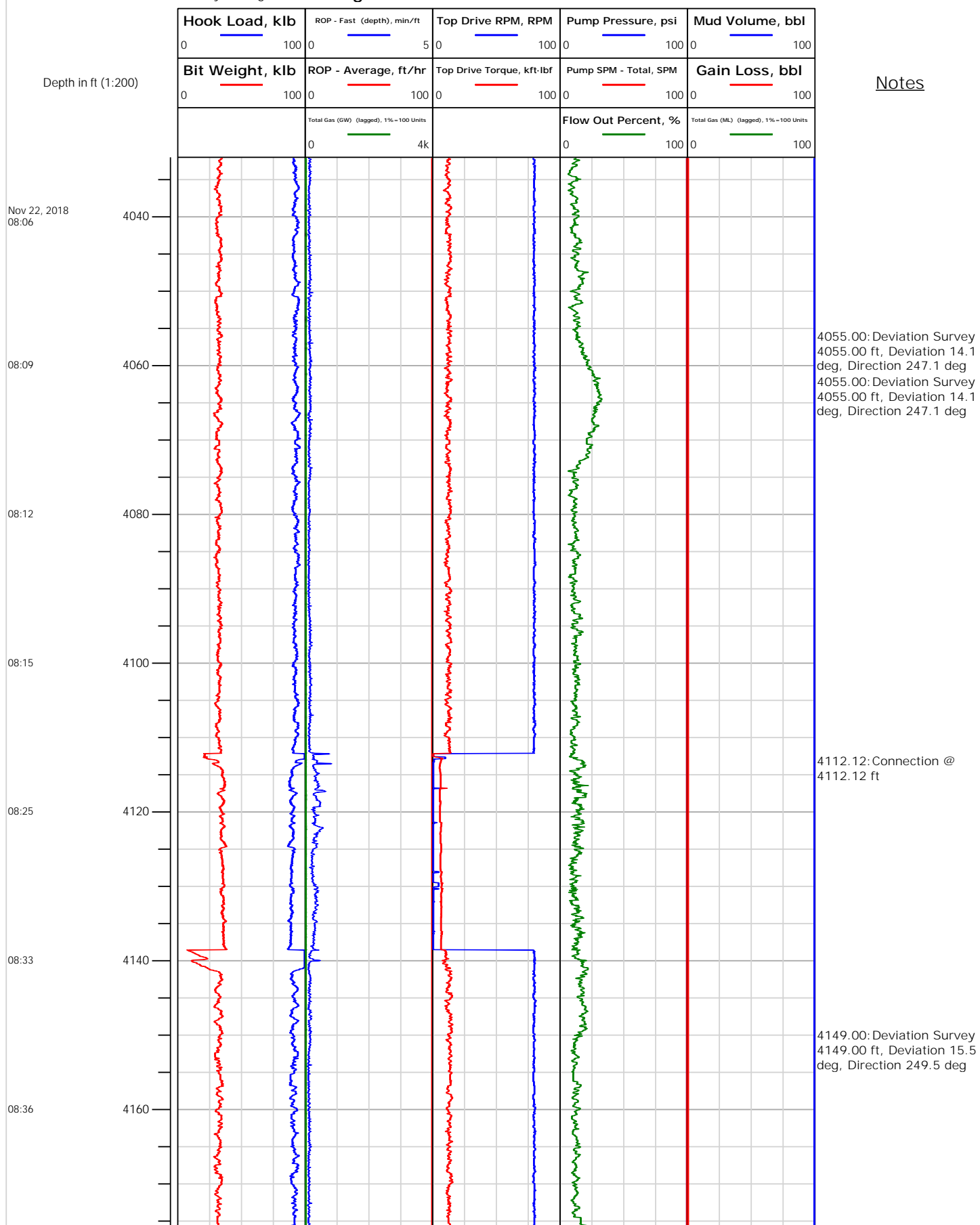
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

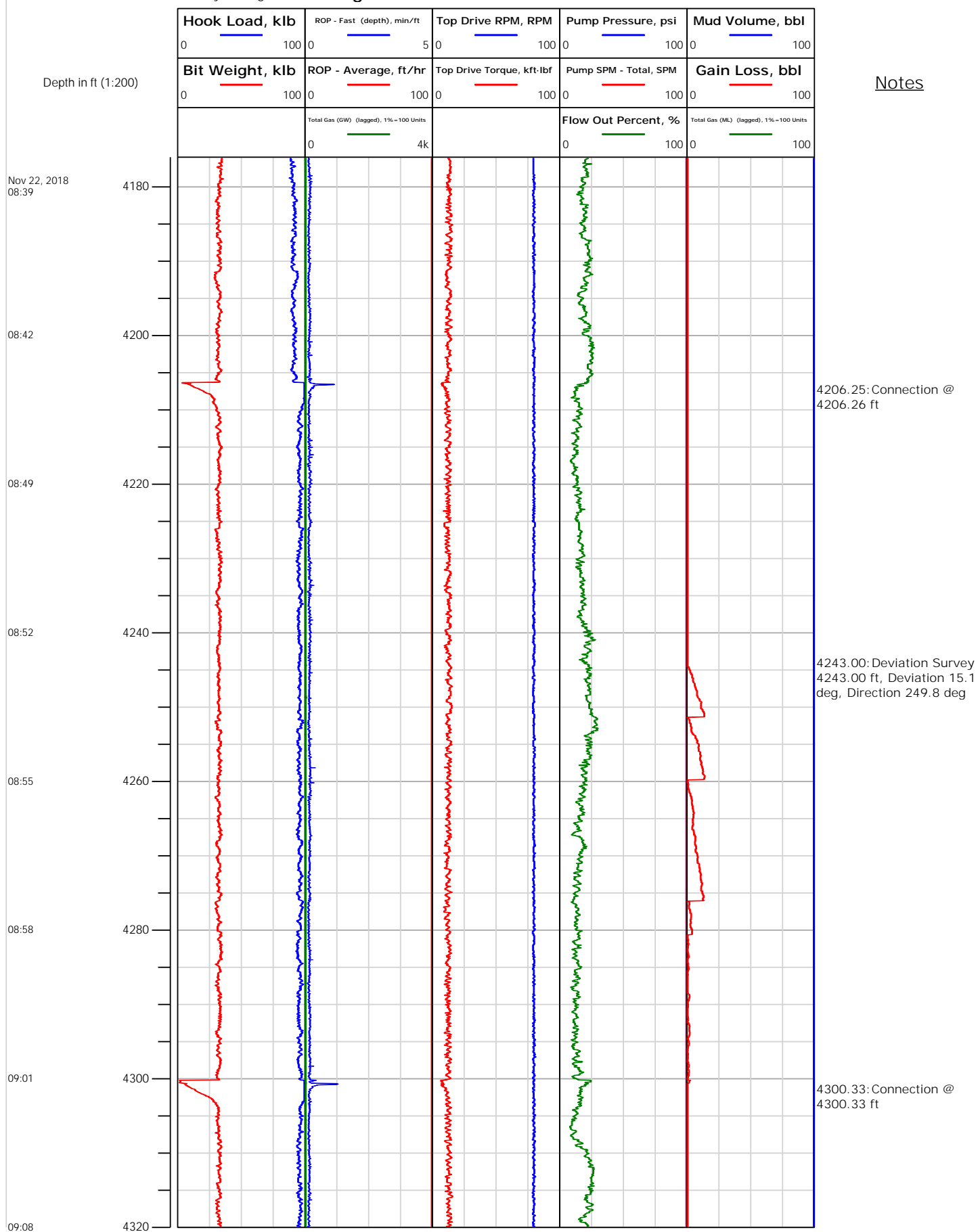
Location:

Notes



Location:

Electronic Drilling Recorder





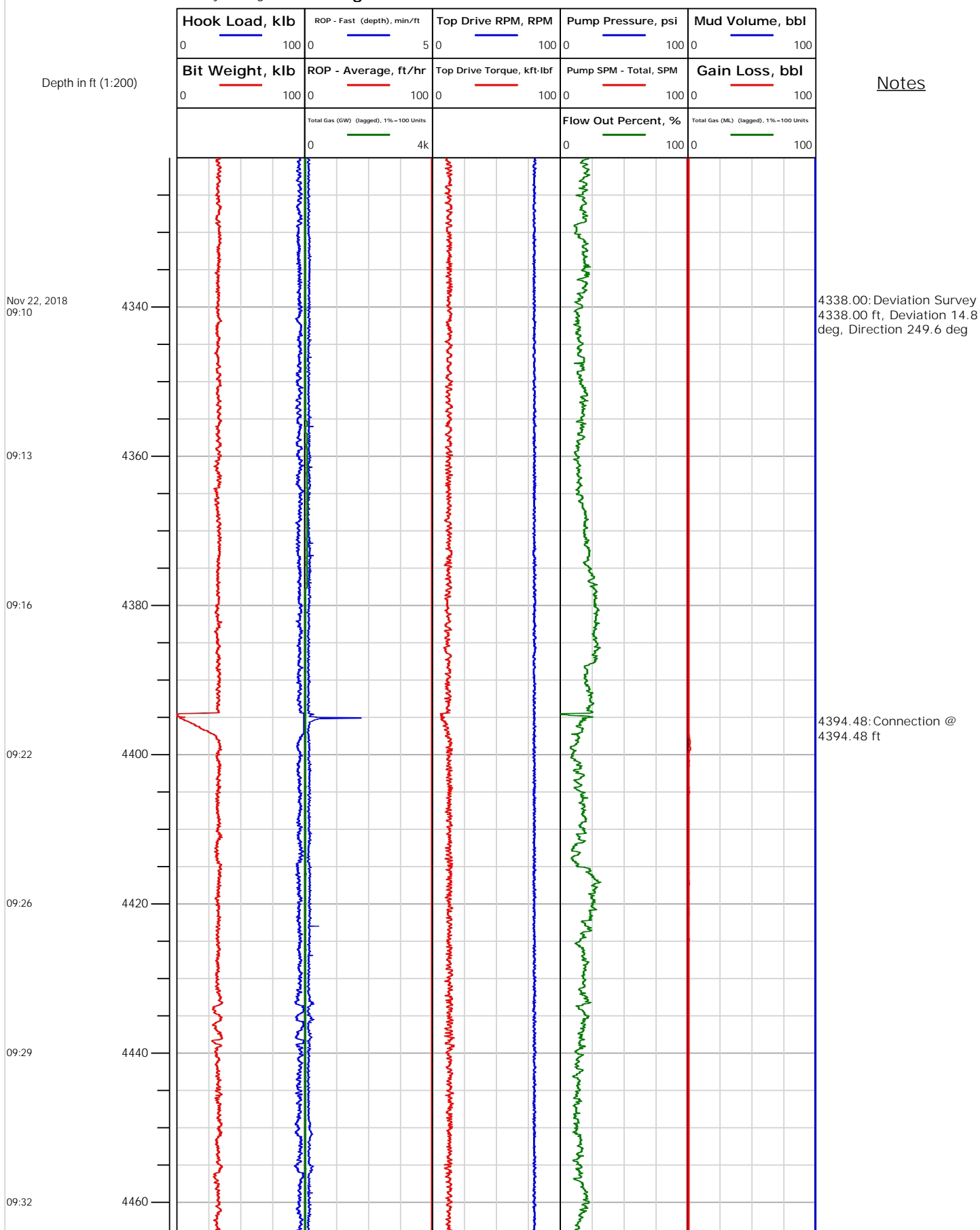
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





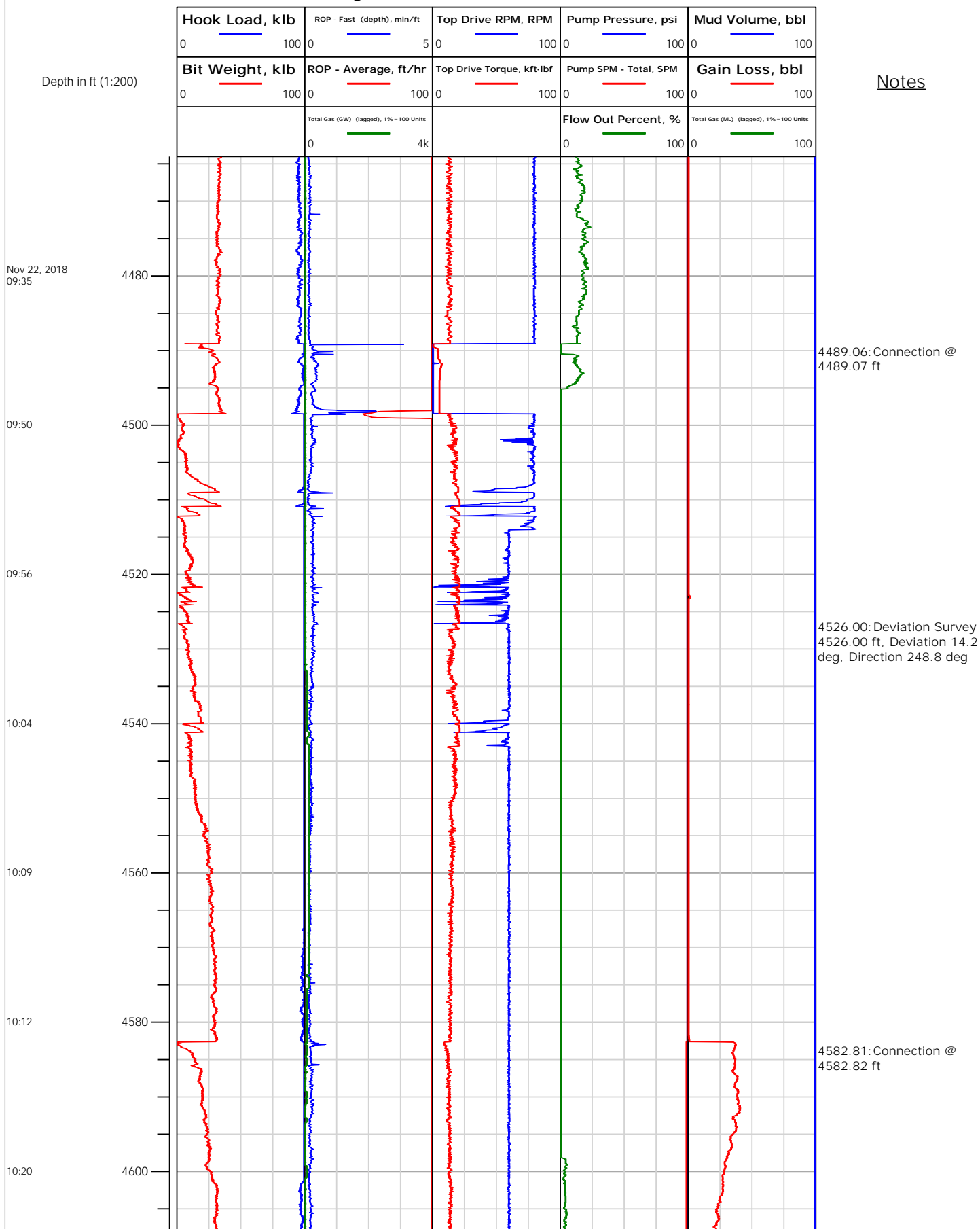
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





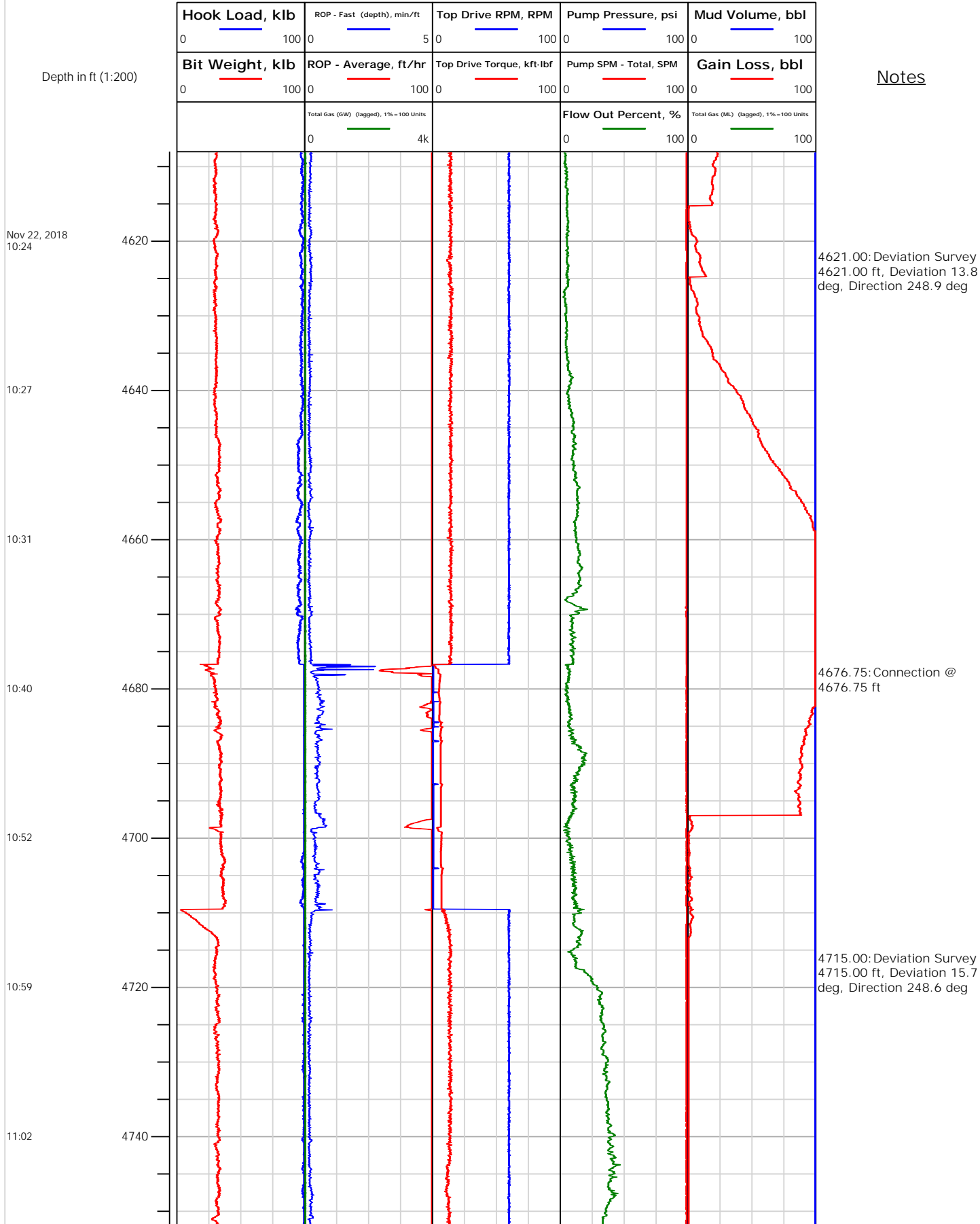
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





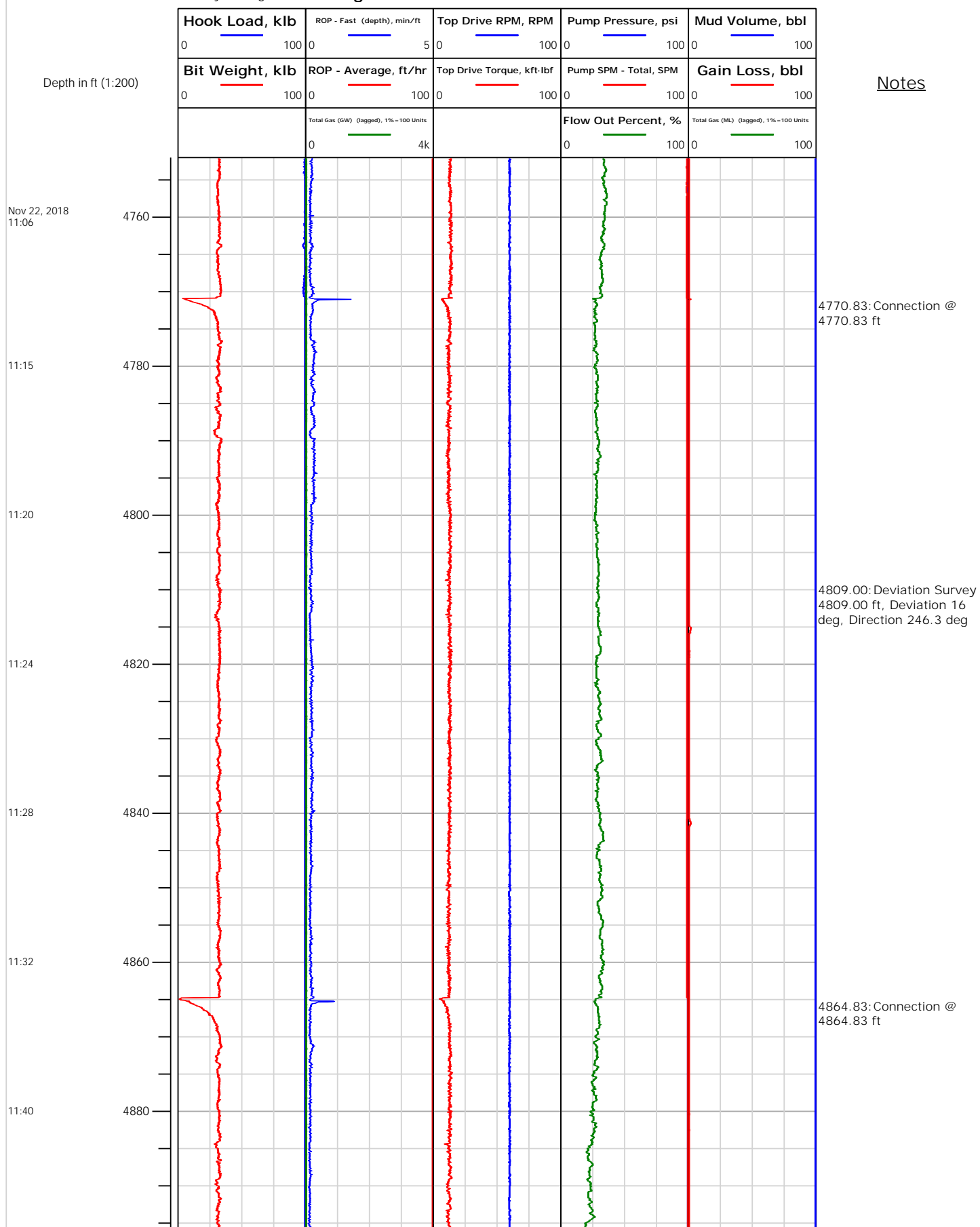
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





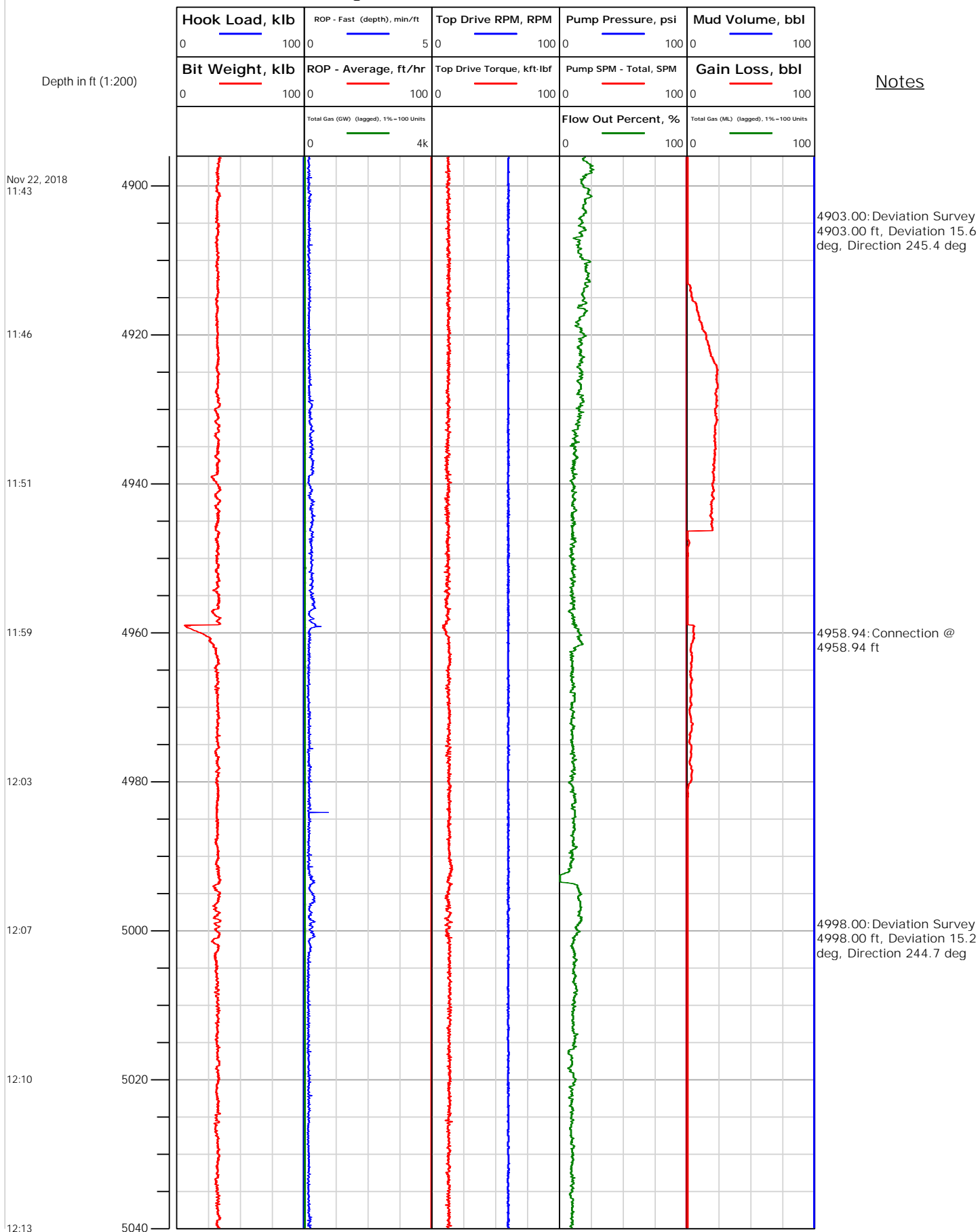
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





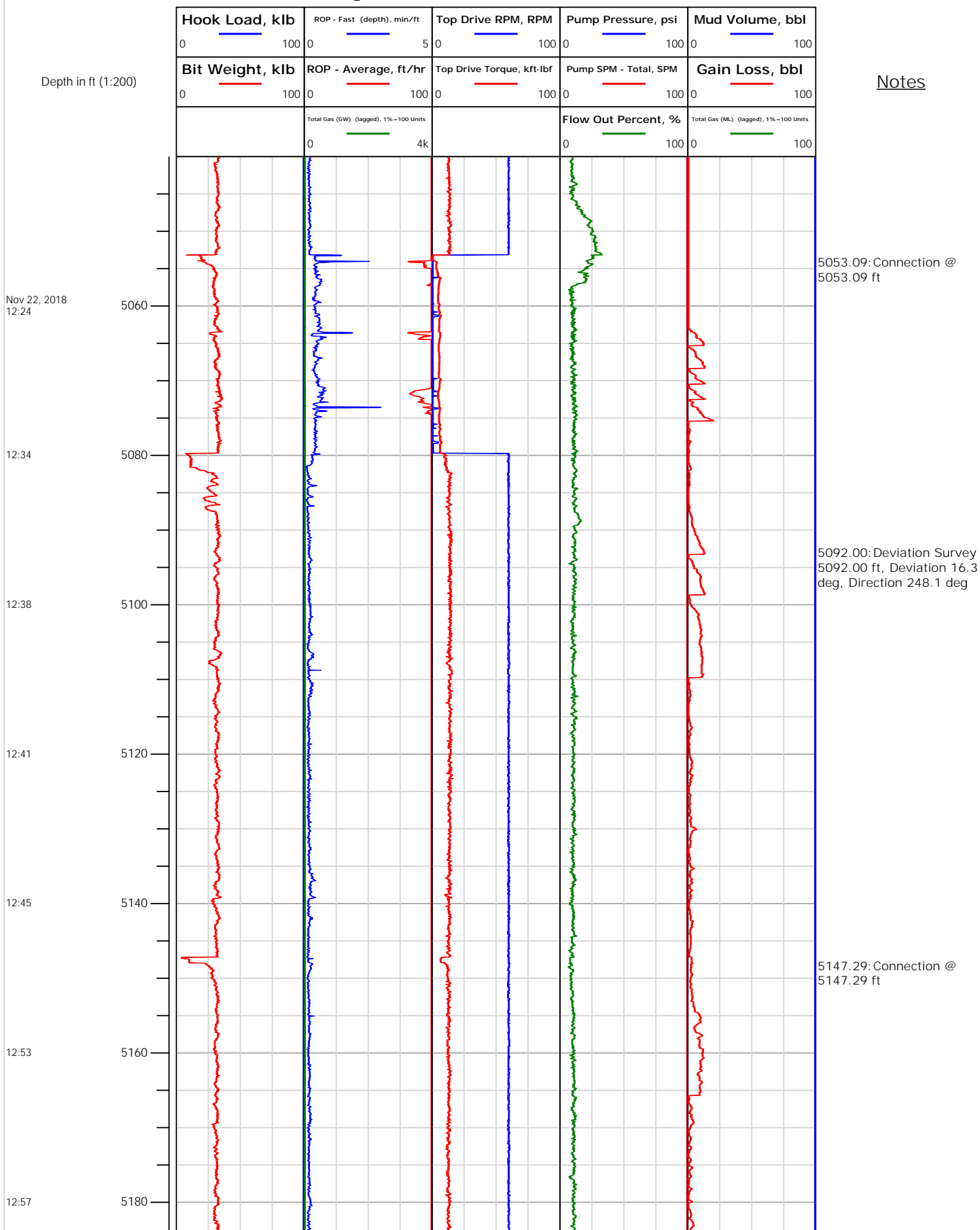
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

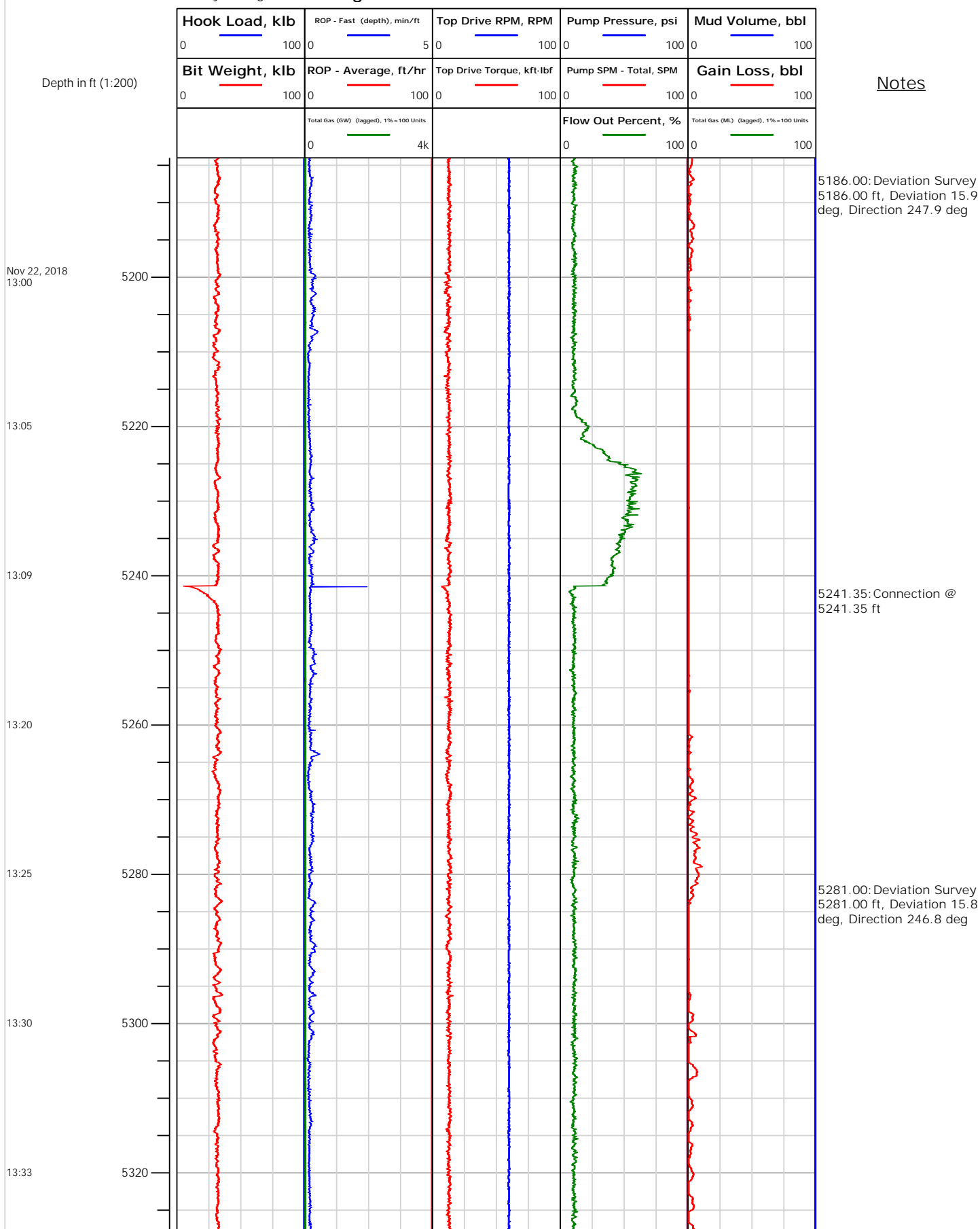
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Notes



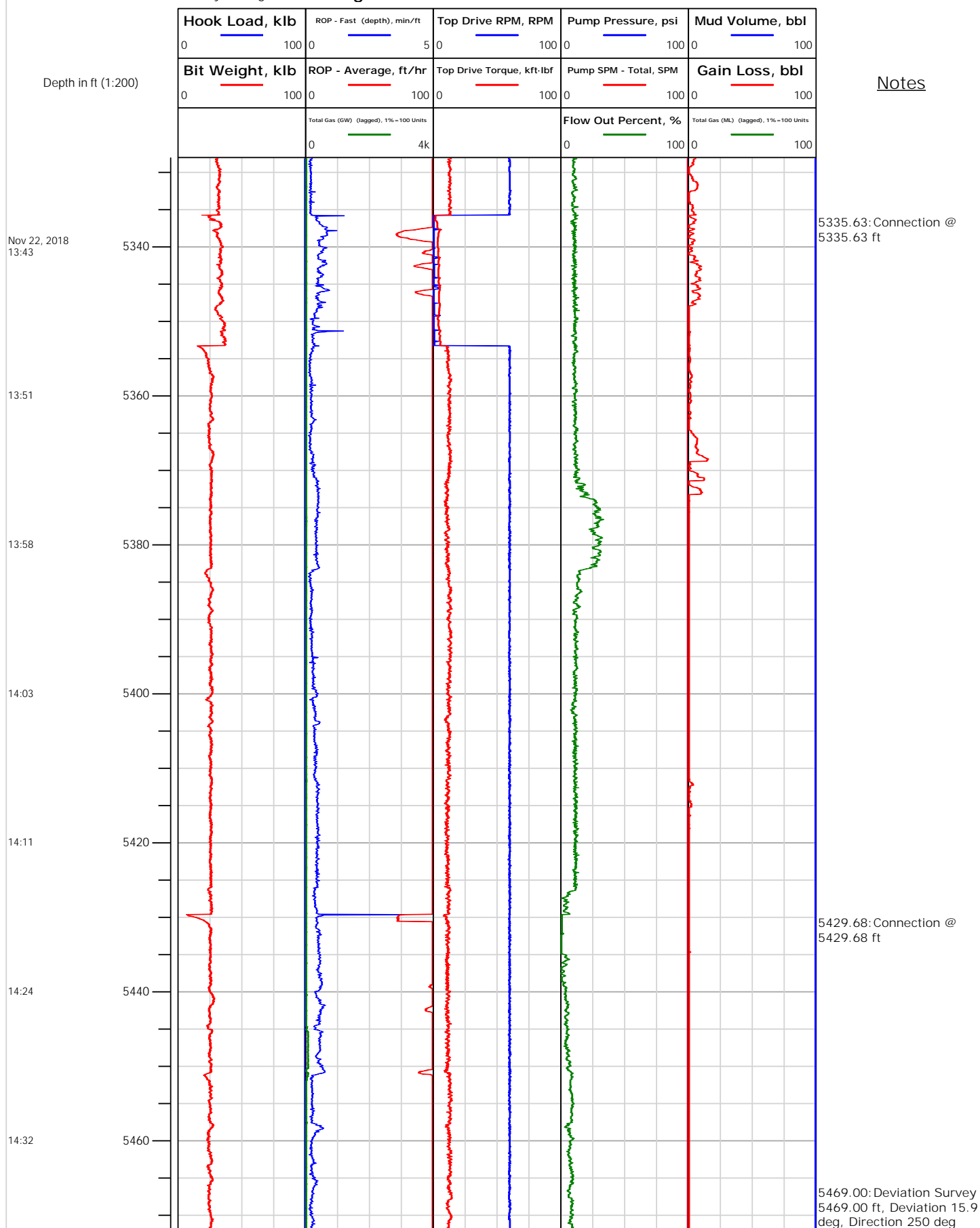
Location:

Electronic Drilling Recorder



Location:

Electronic Drilling Recorder





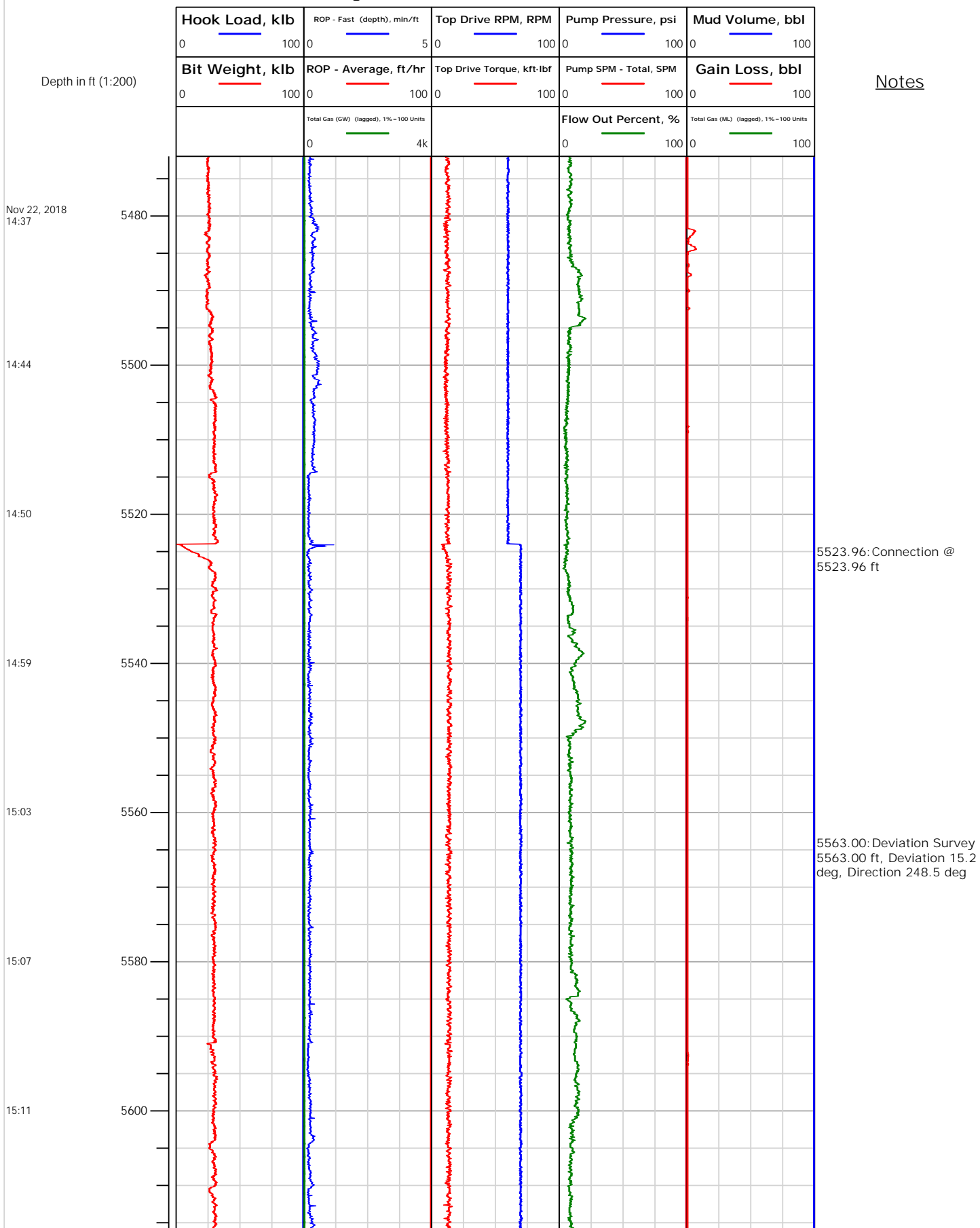
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





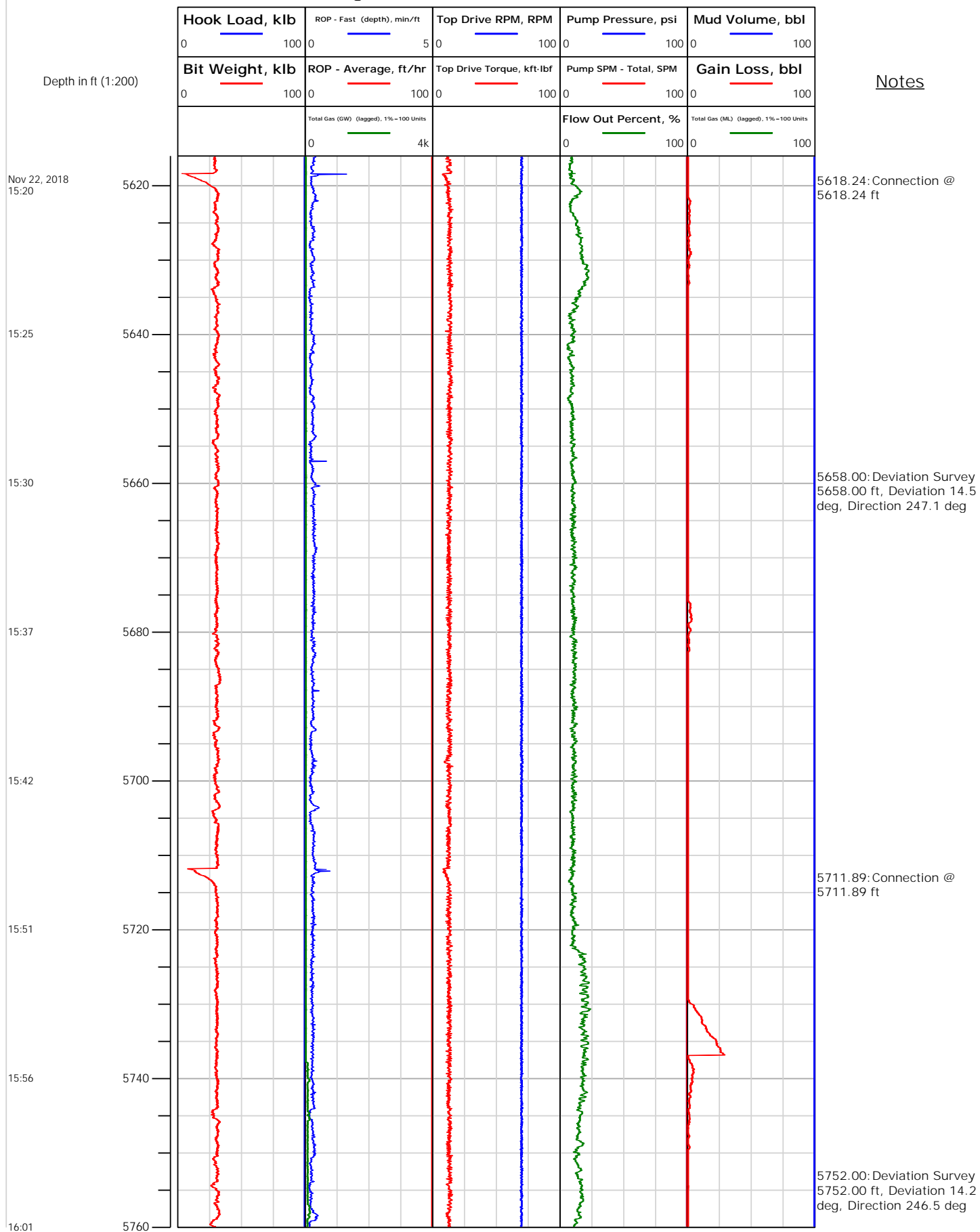
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





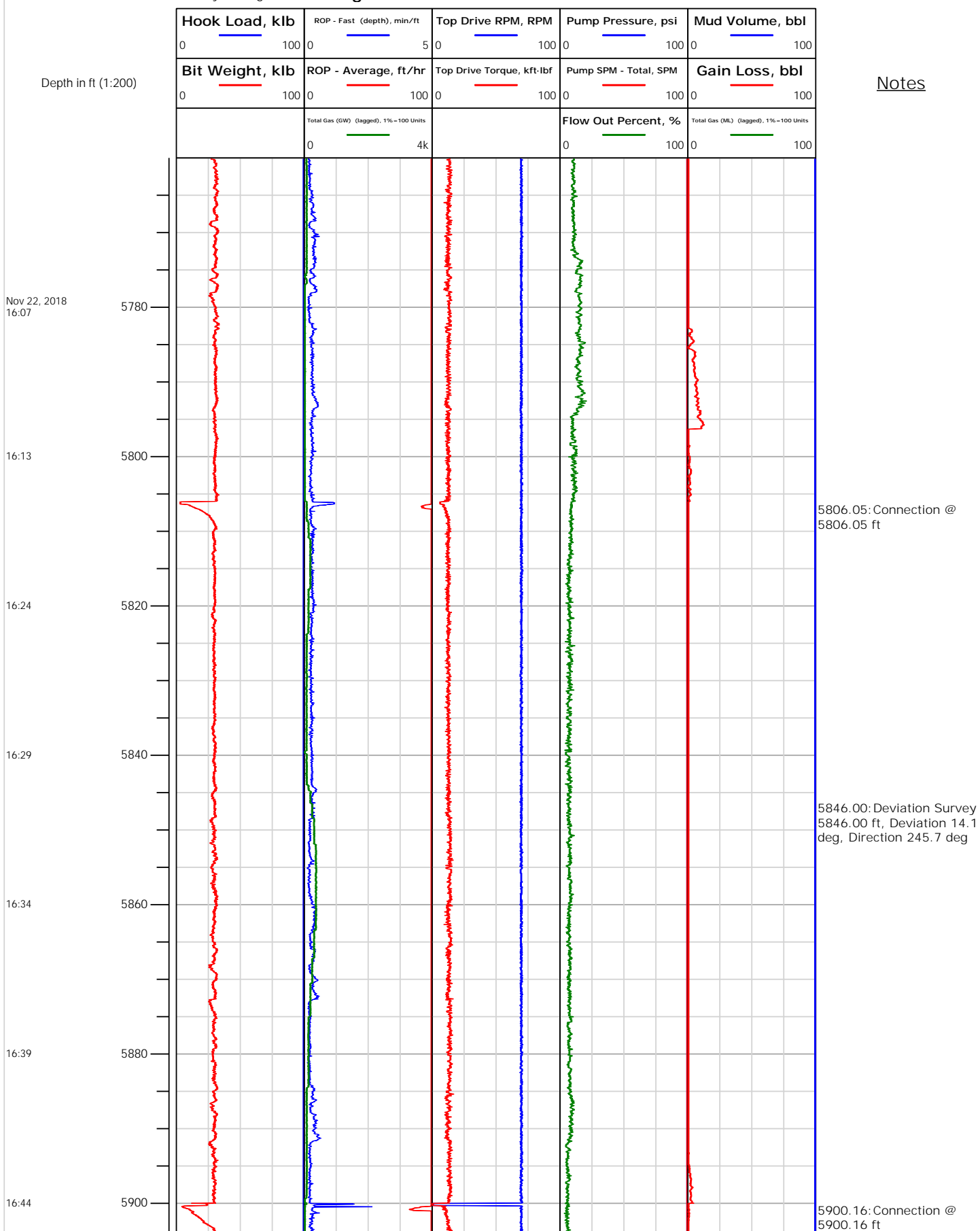
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





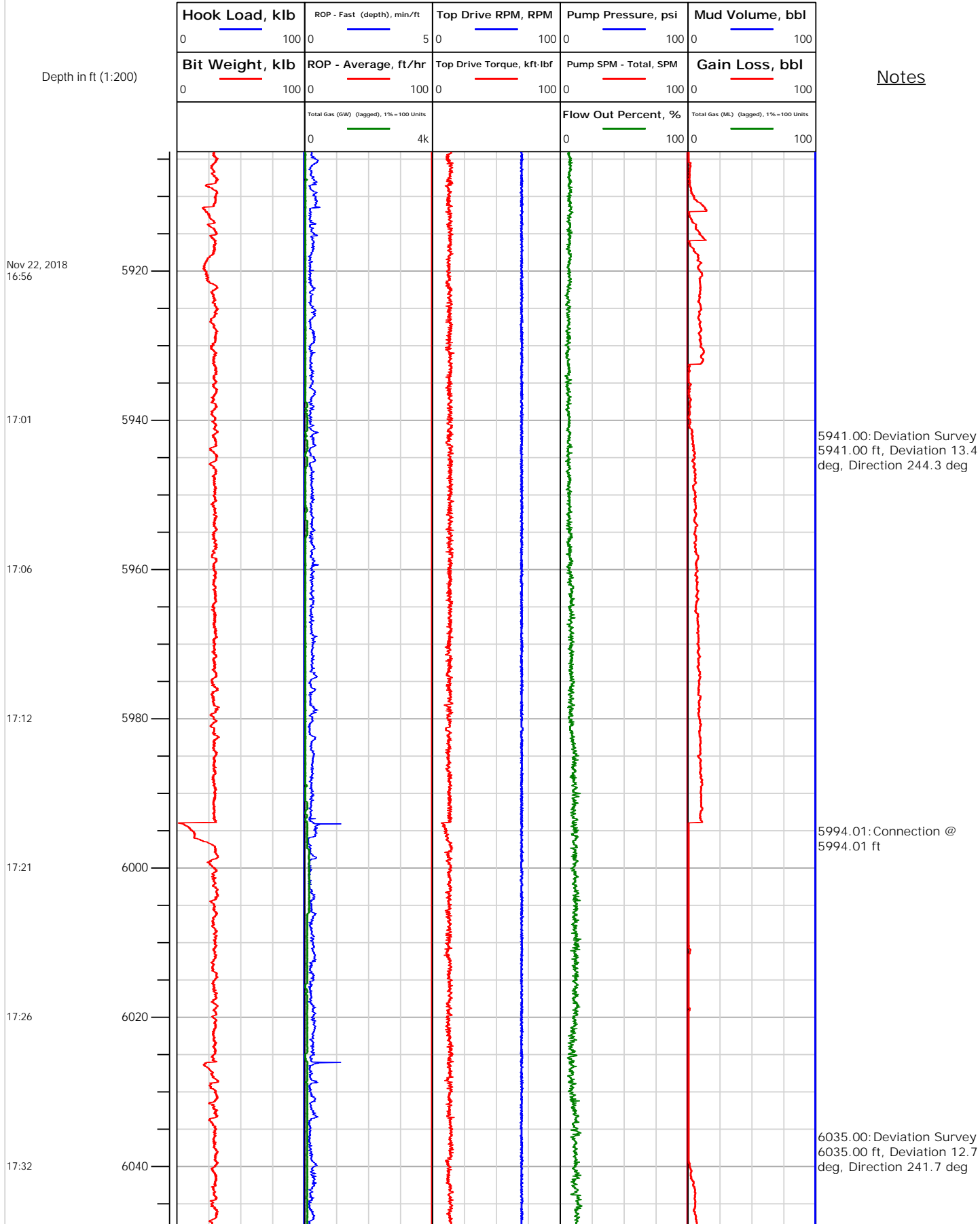
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





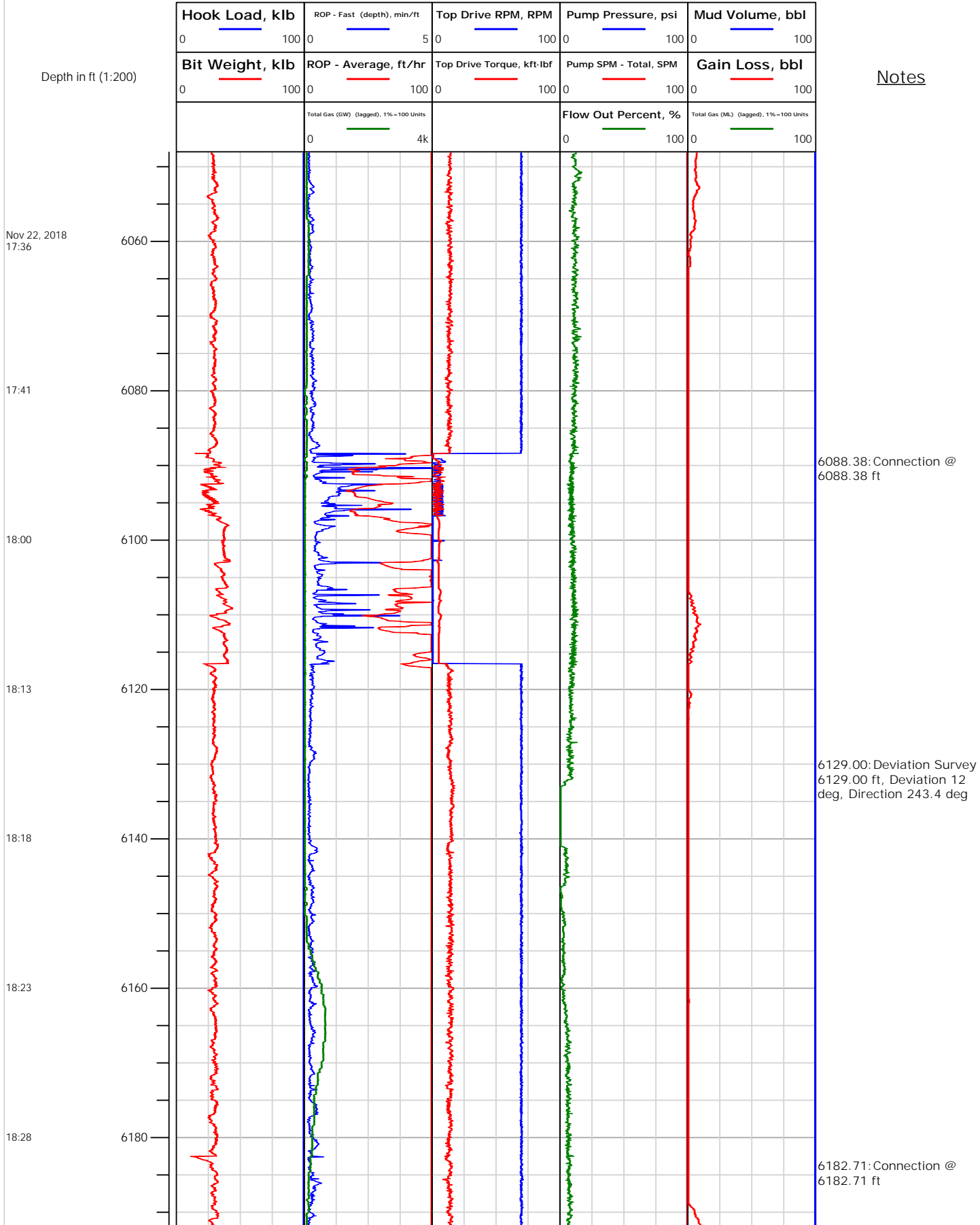
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





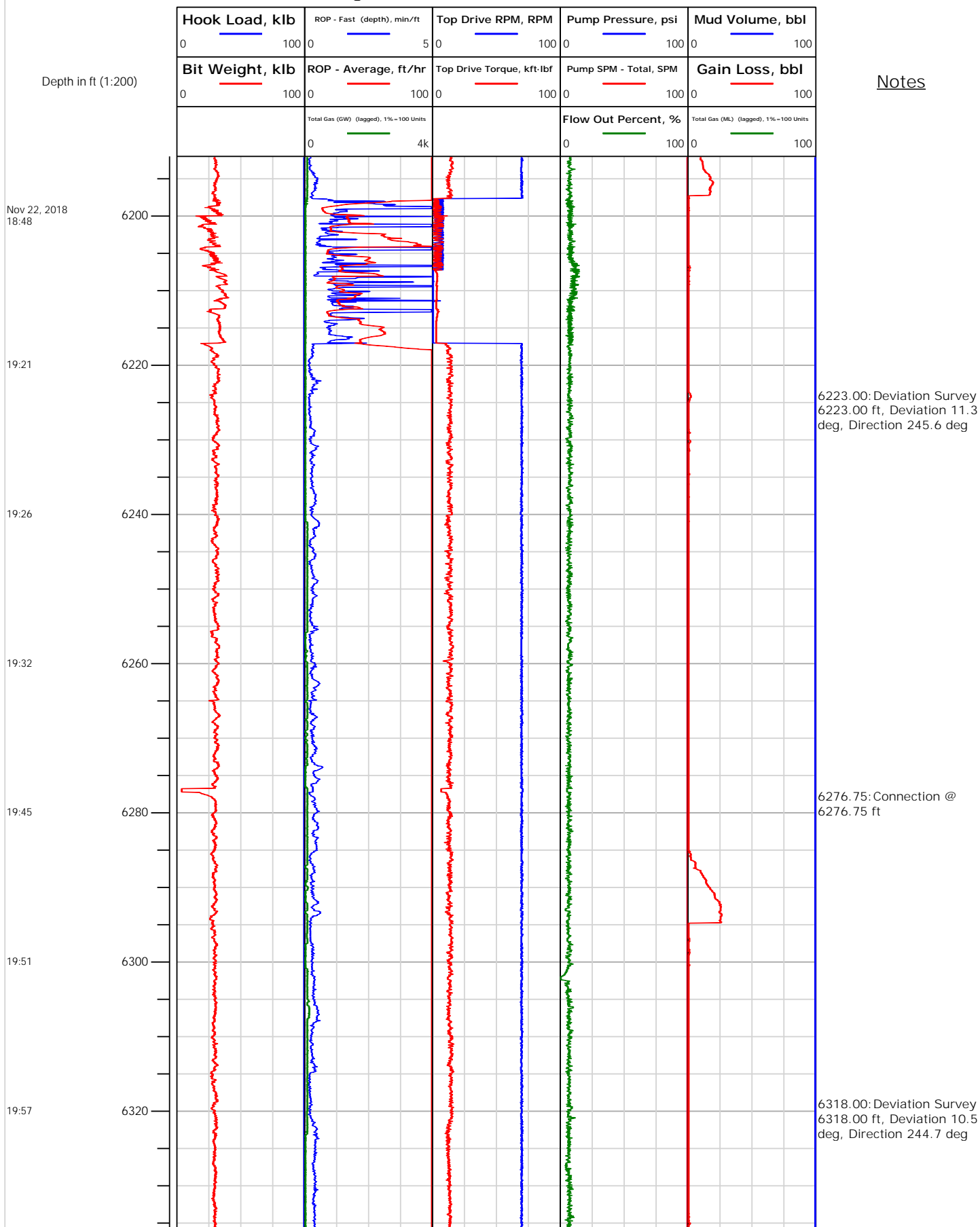
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

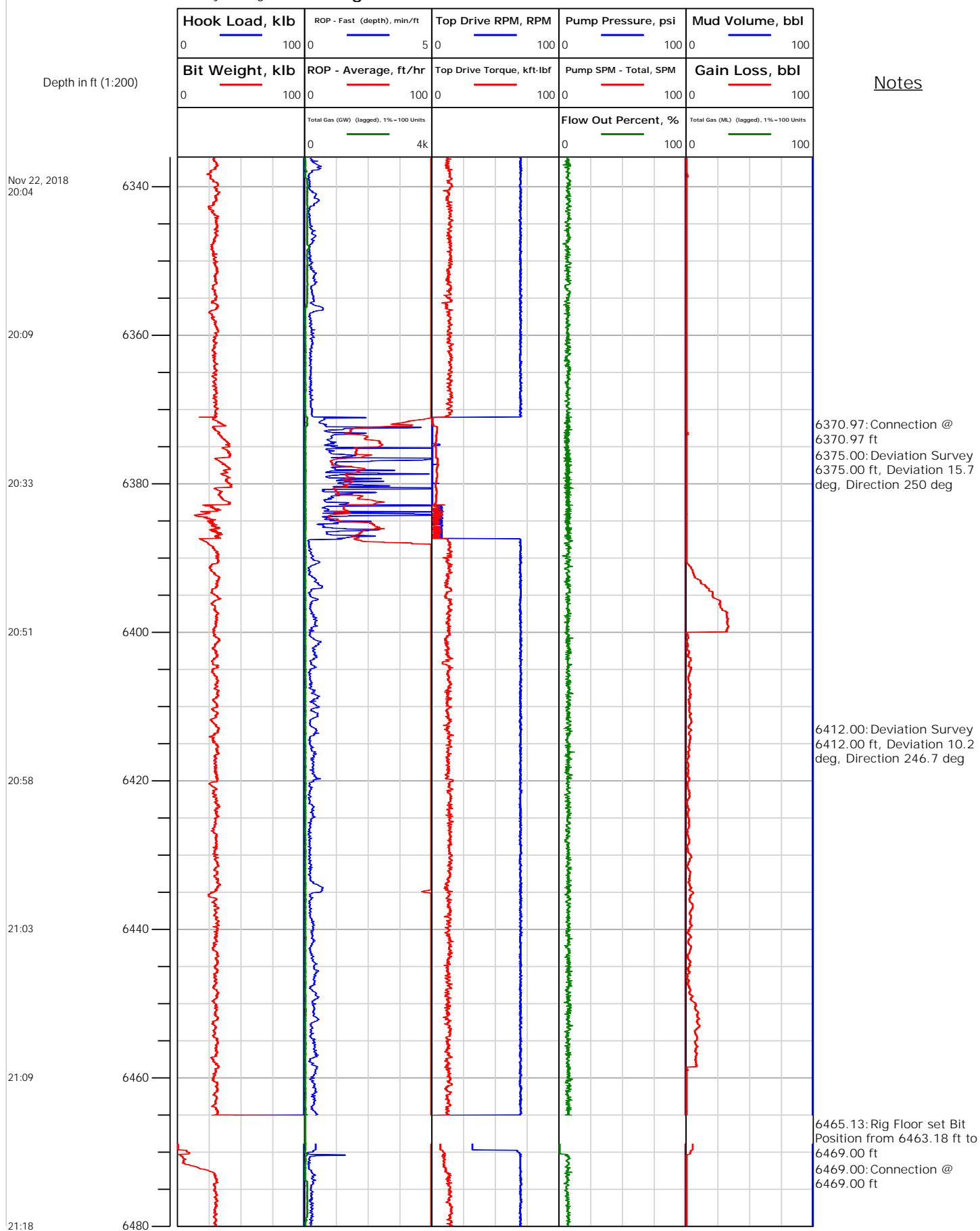
Location:

Notes



Location:

Electronic Drilling Recorder





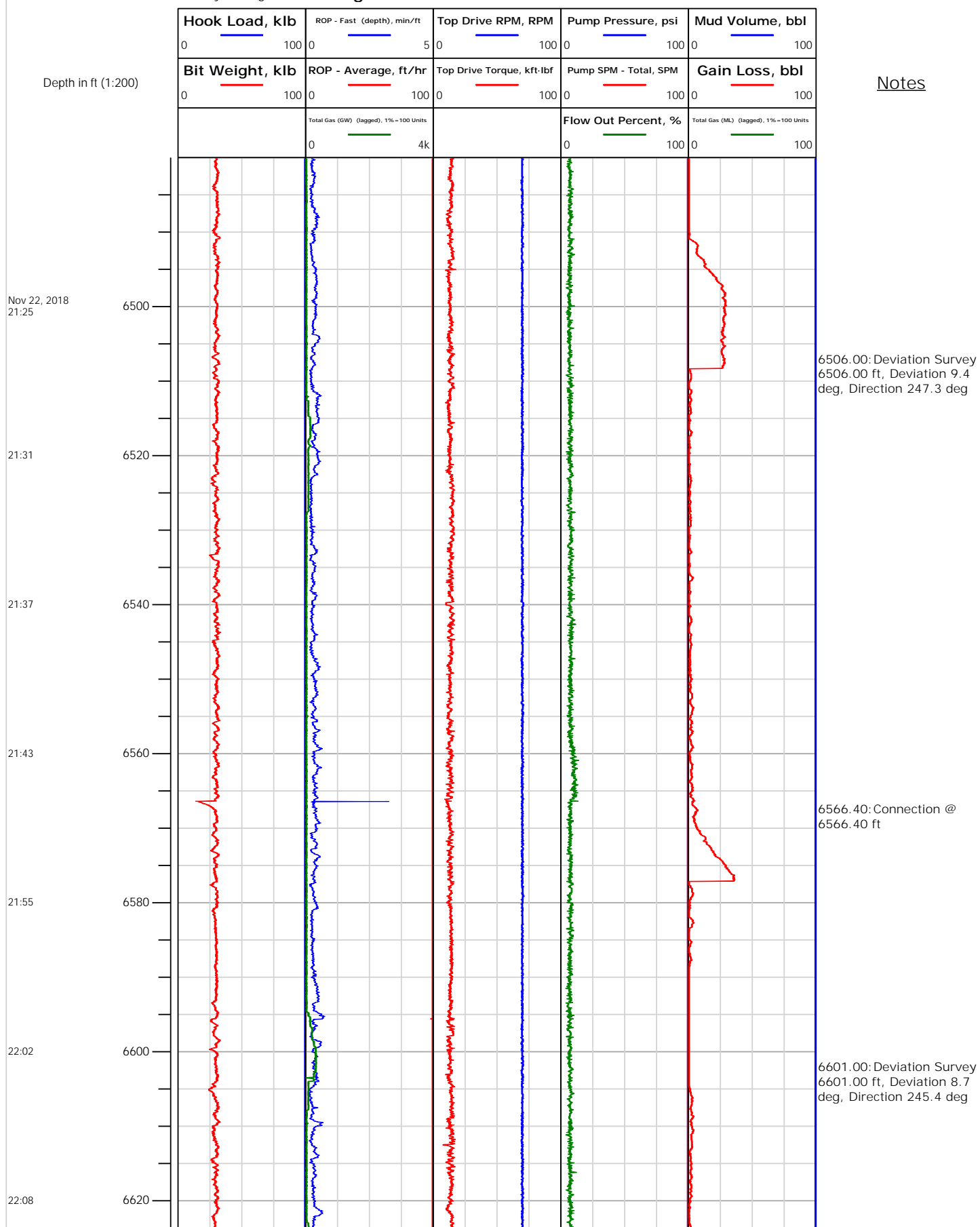
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





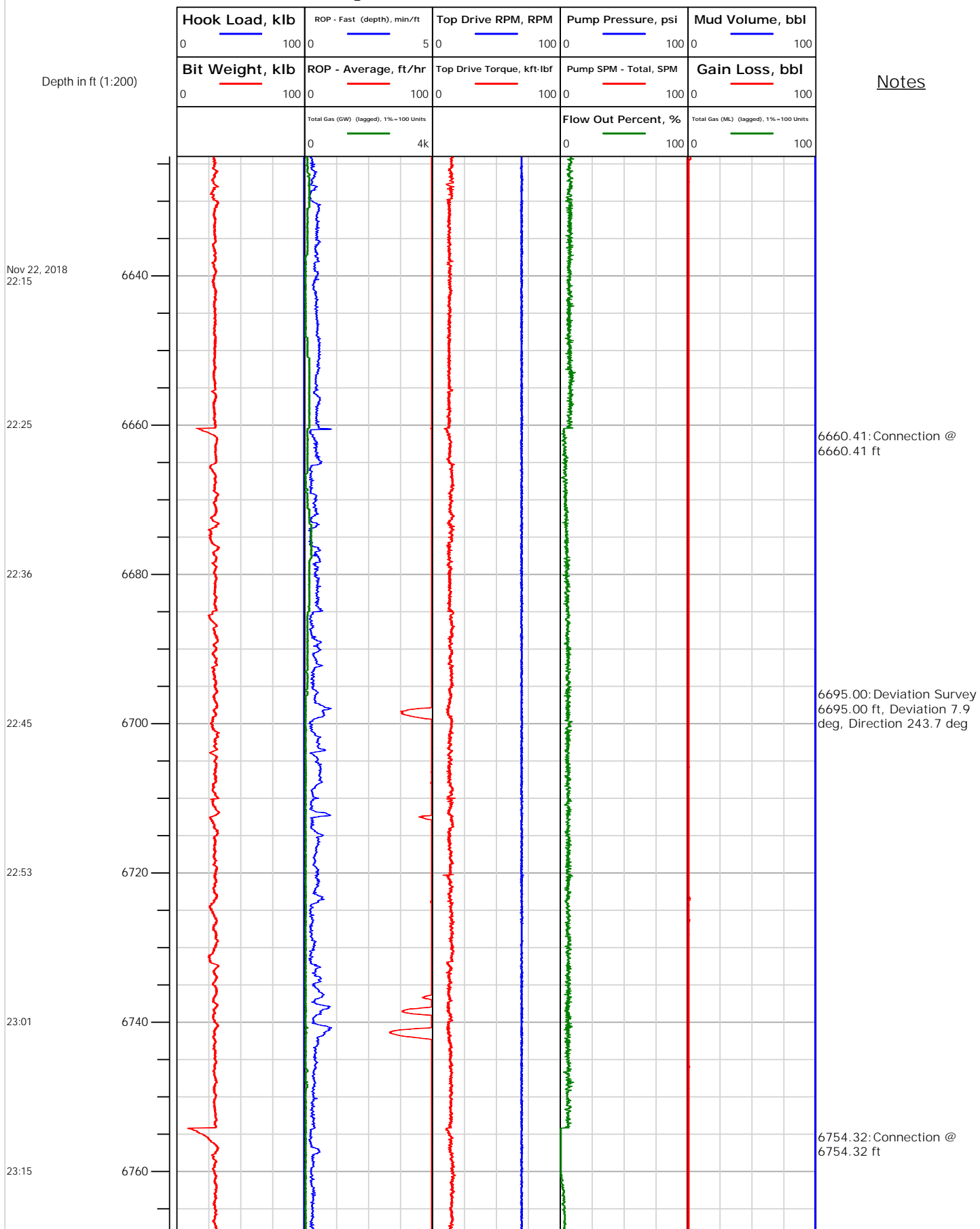
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Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





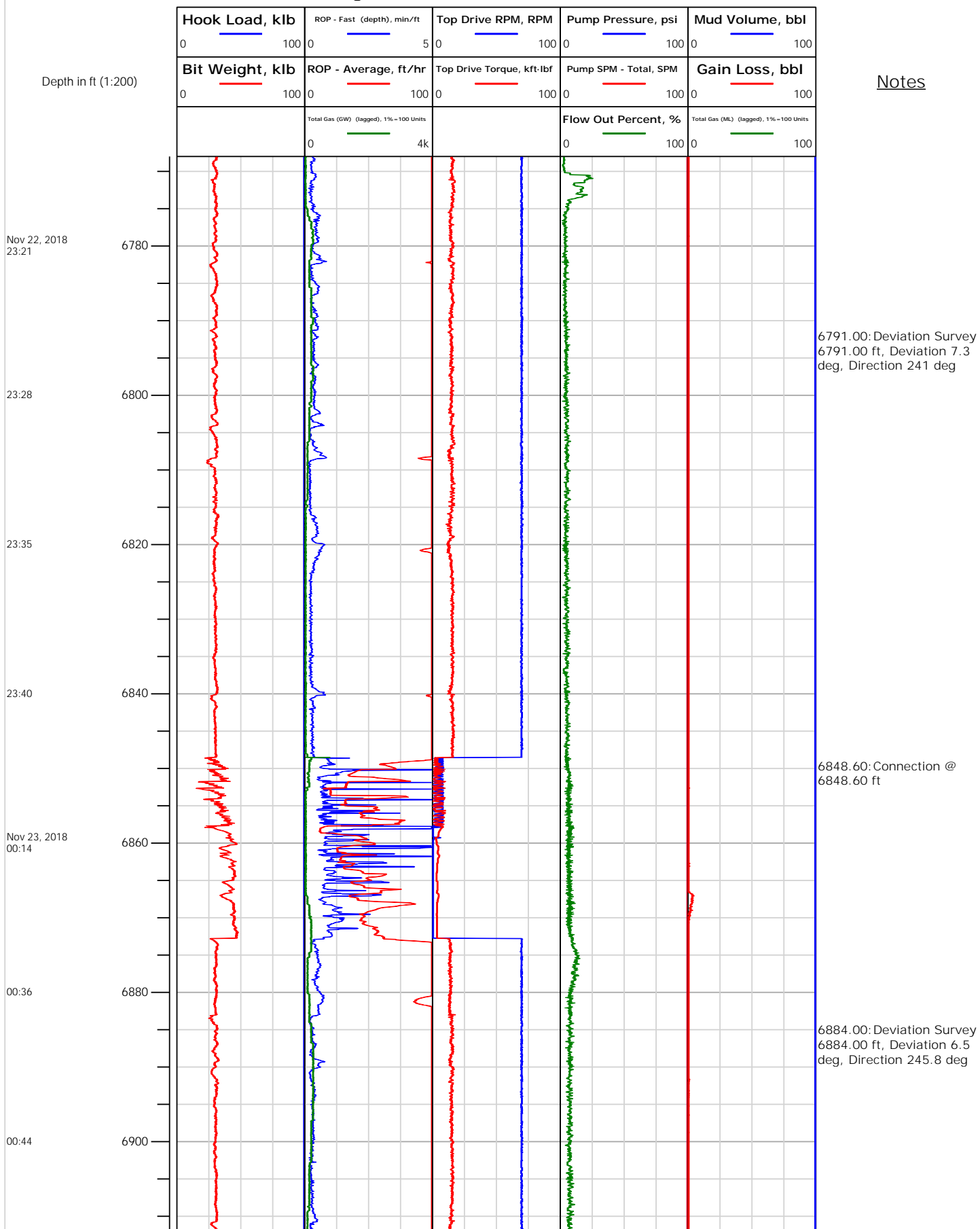
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





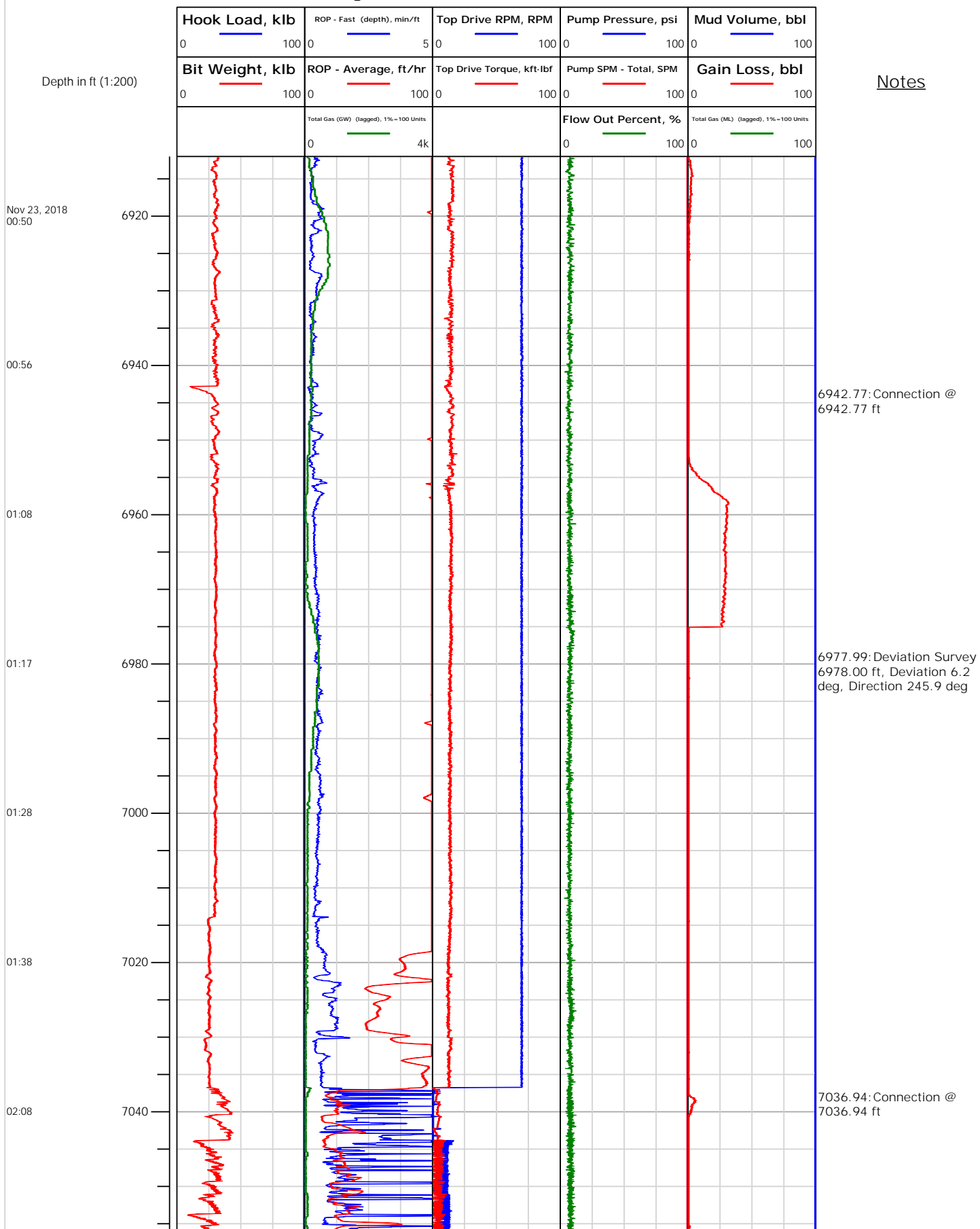
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





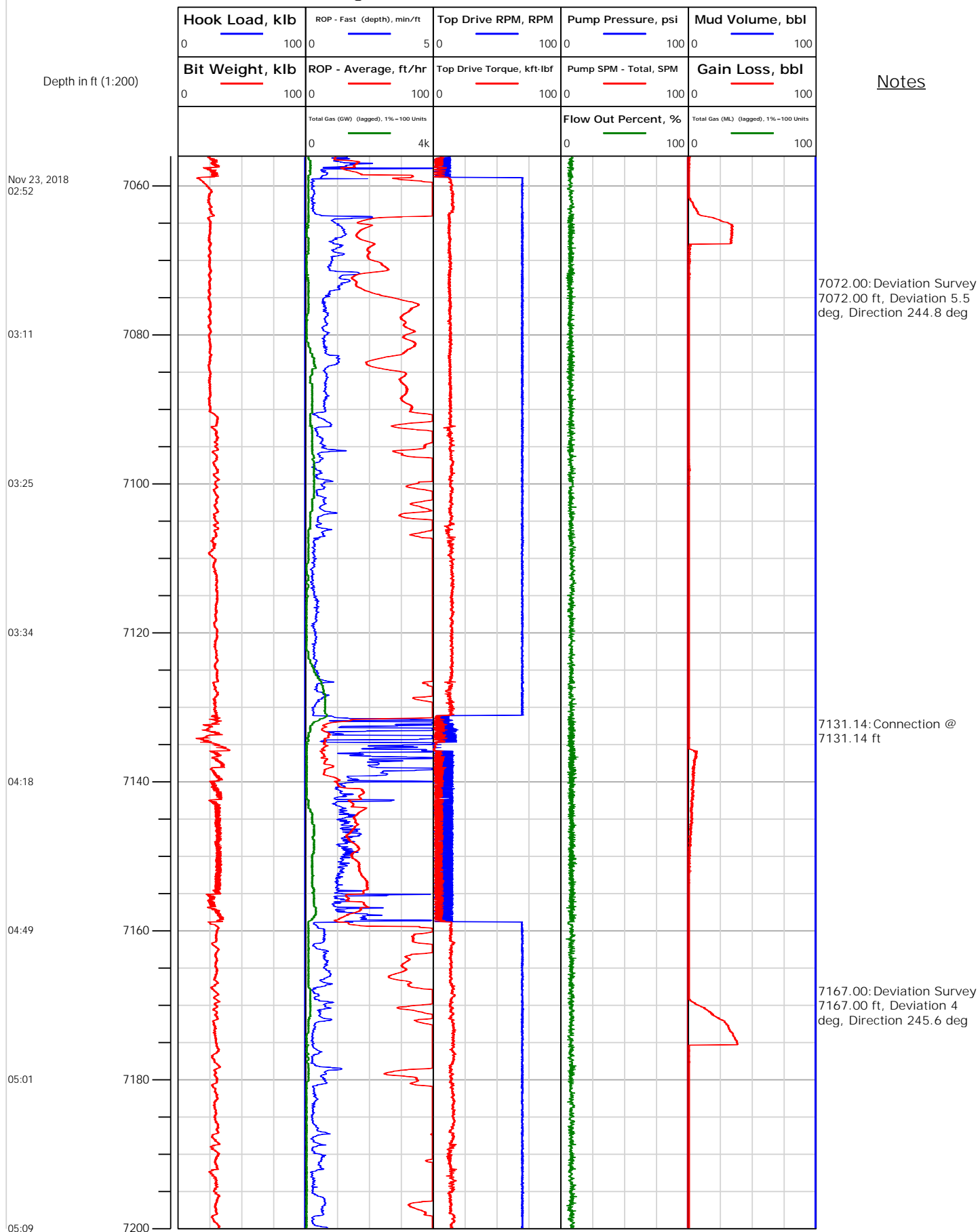
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





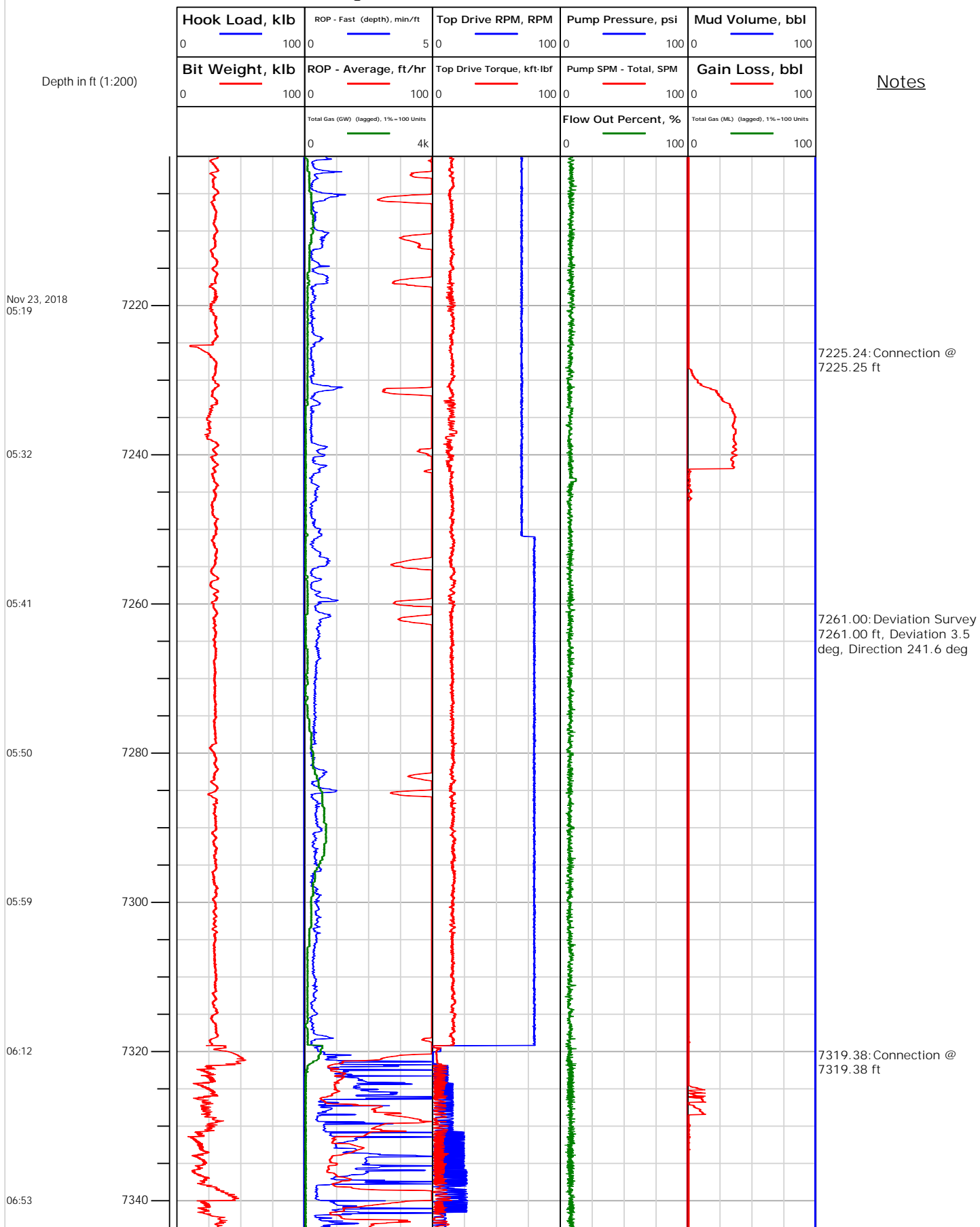
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





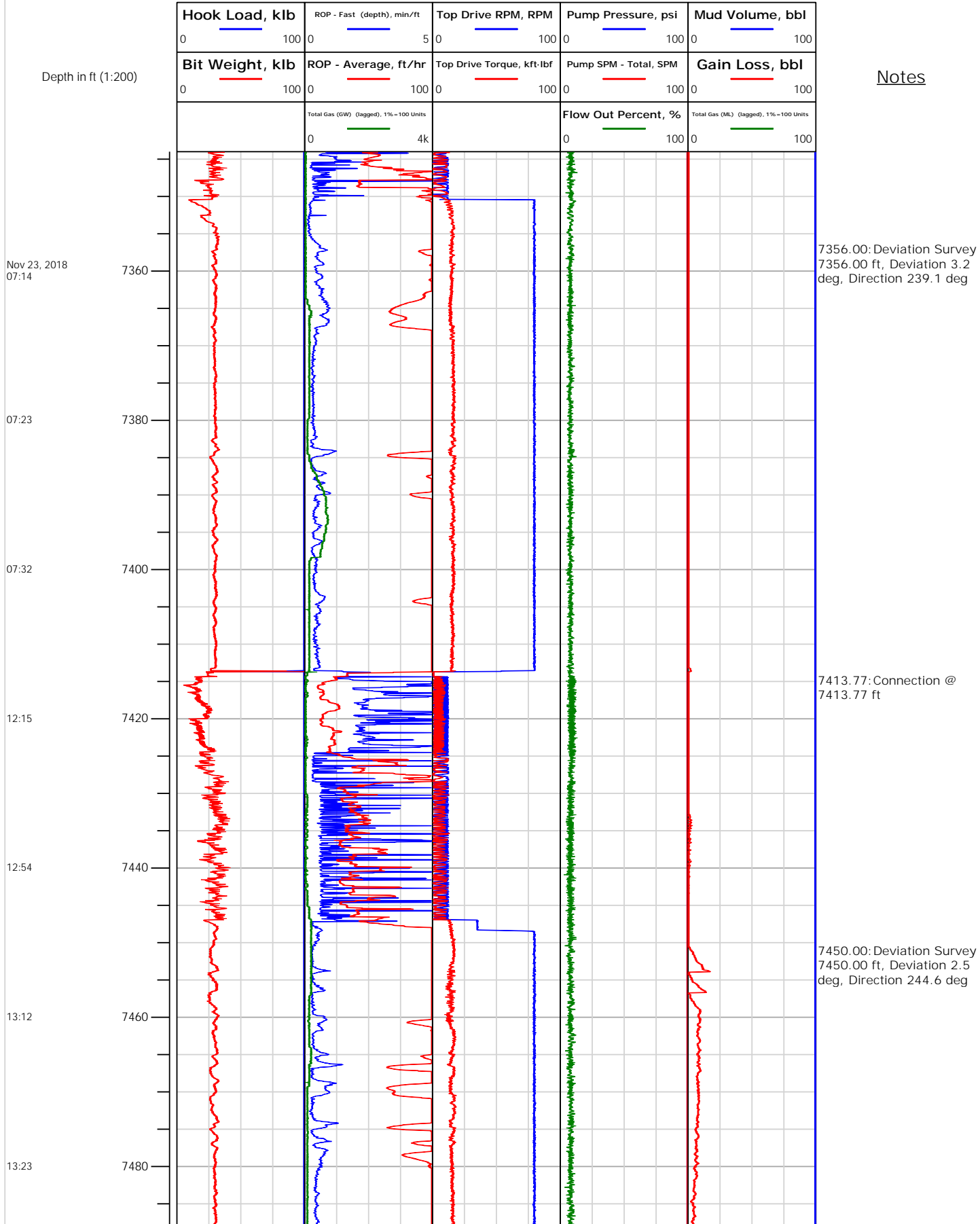
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





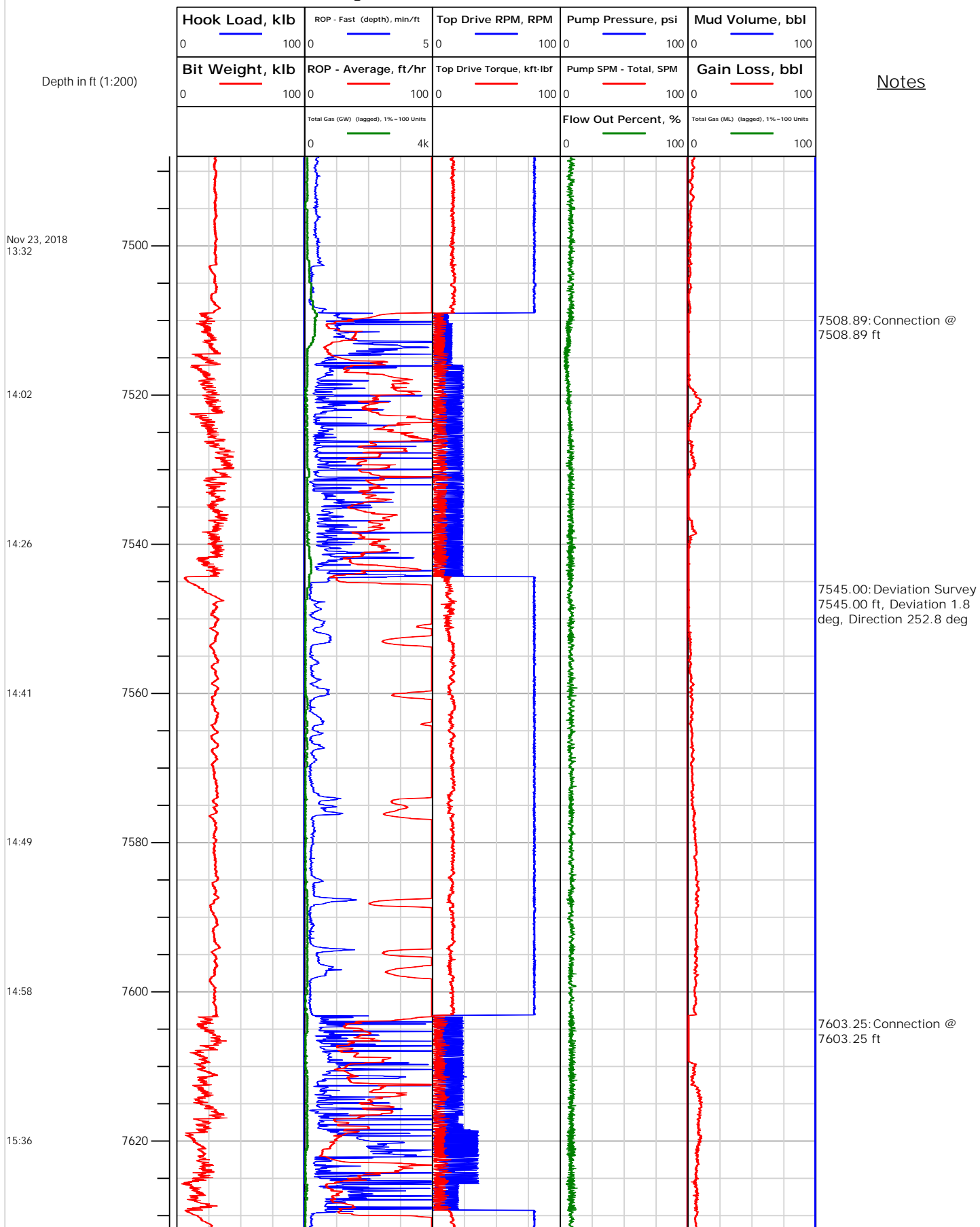
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





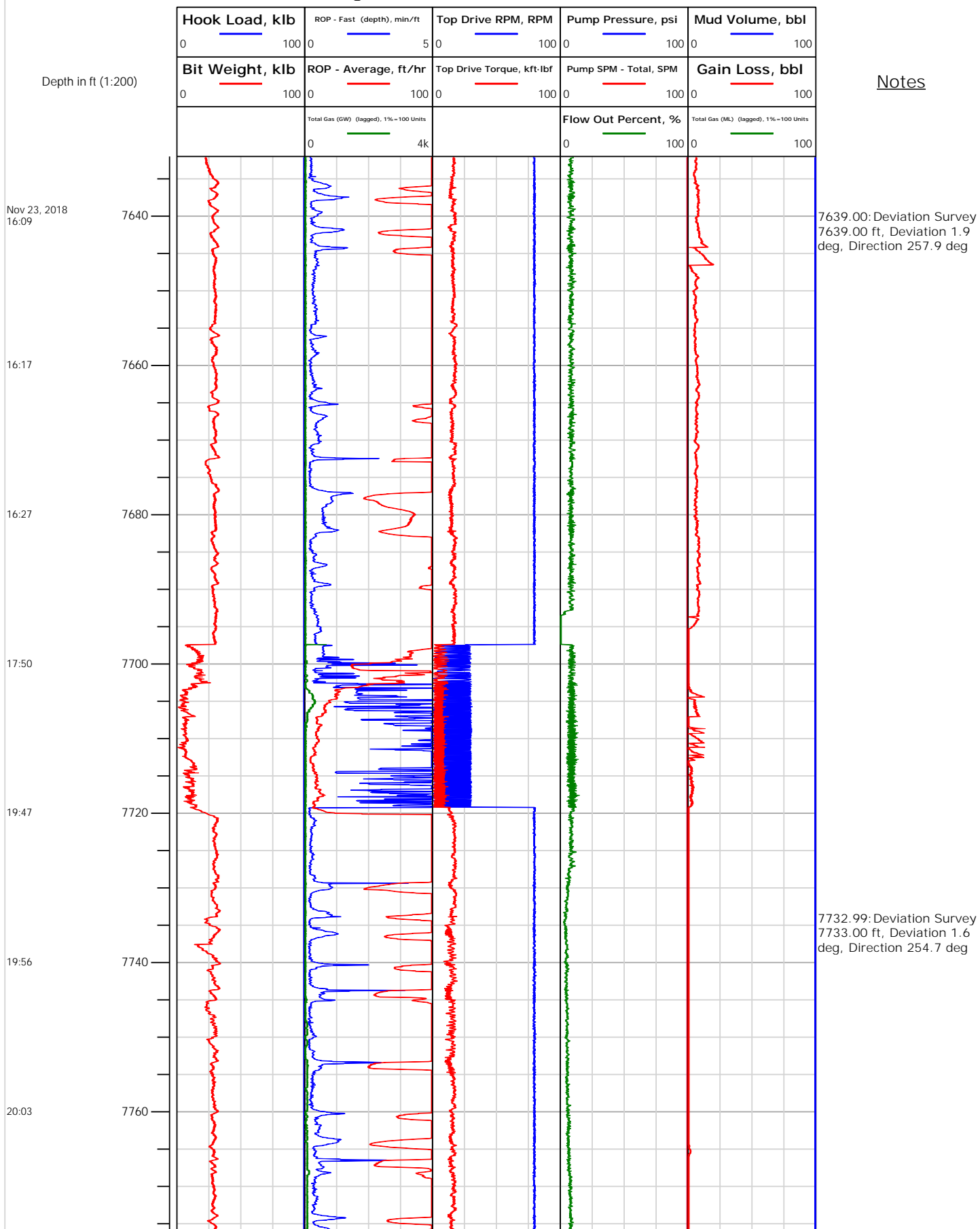
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





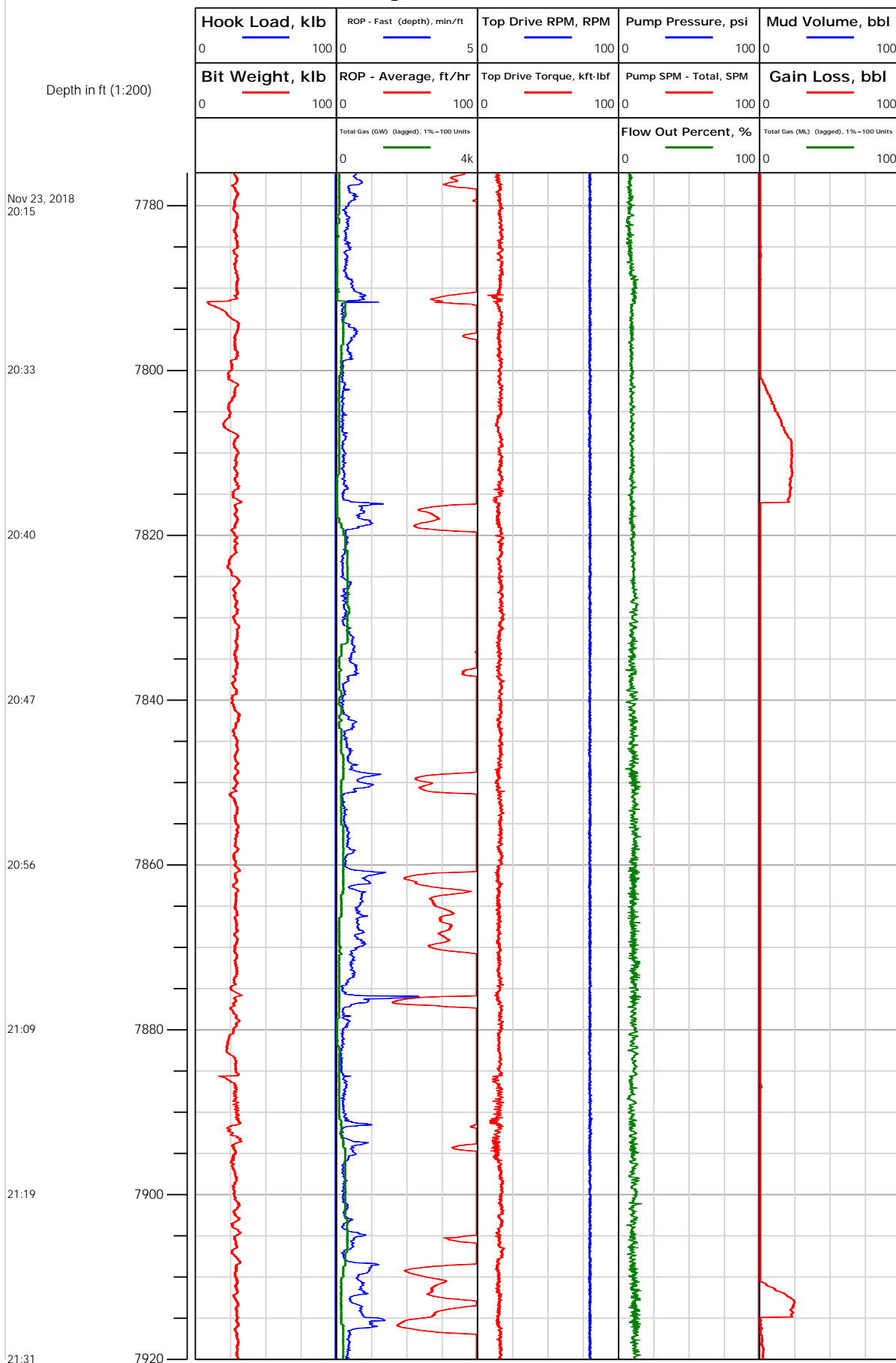
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





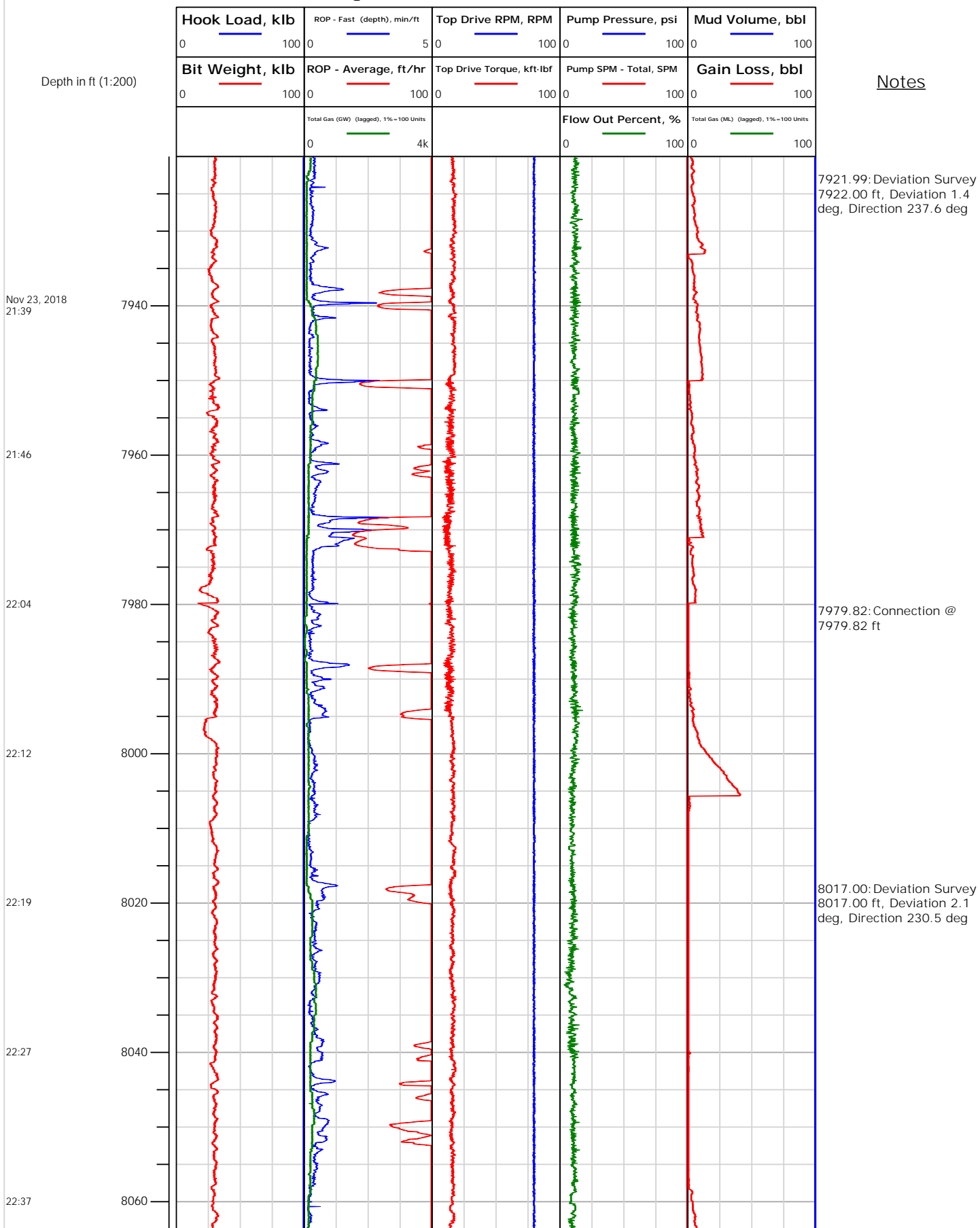
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Depth in ft (1:200)

Notes

Nov 23, 2018
23:17

Nov 24, 2018
00:10

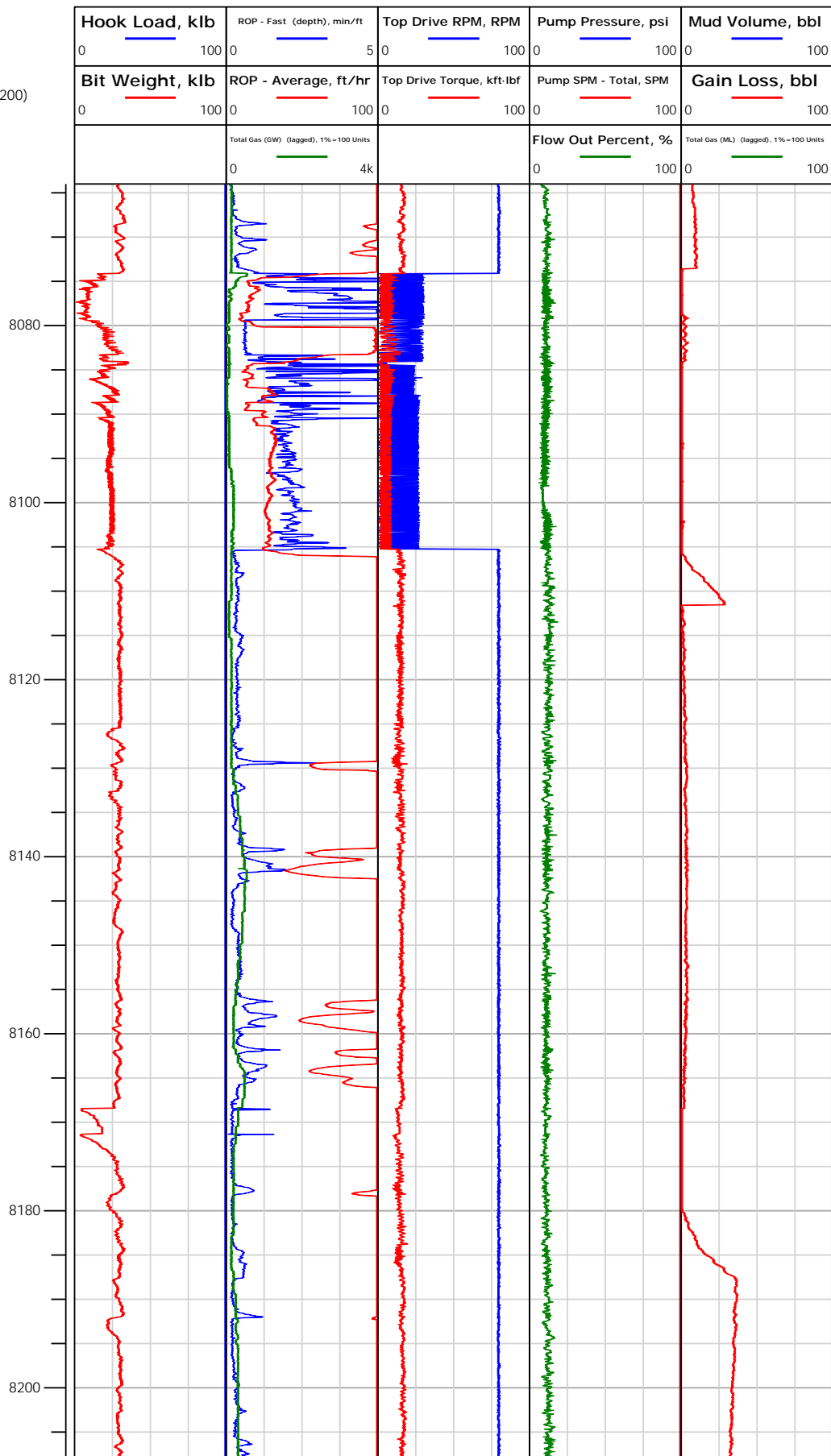
00:28

00:36

00:46

00:58

01:04



8074.09: Connection @
8074.09 ft

8111.00: Deviation Survey
8111.00 ft, Deviation 1.1
deg, Direction 230.6 deg

8168.54: Connection @
8168.54 ft
8170.62: Rig Floor set Bit
Position from 8170.09 ft to
8171.40 ft

8205.00: Deviation Survey
8205.00 ft, Deviation 1.2
deg, Direction 246.2 deg



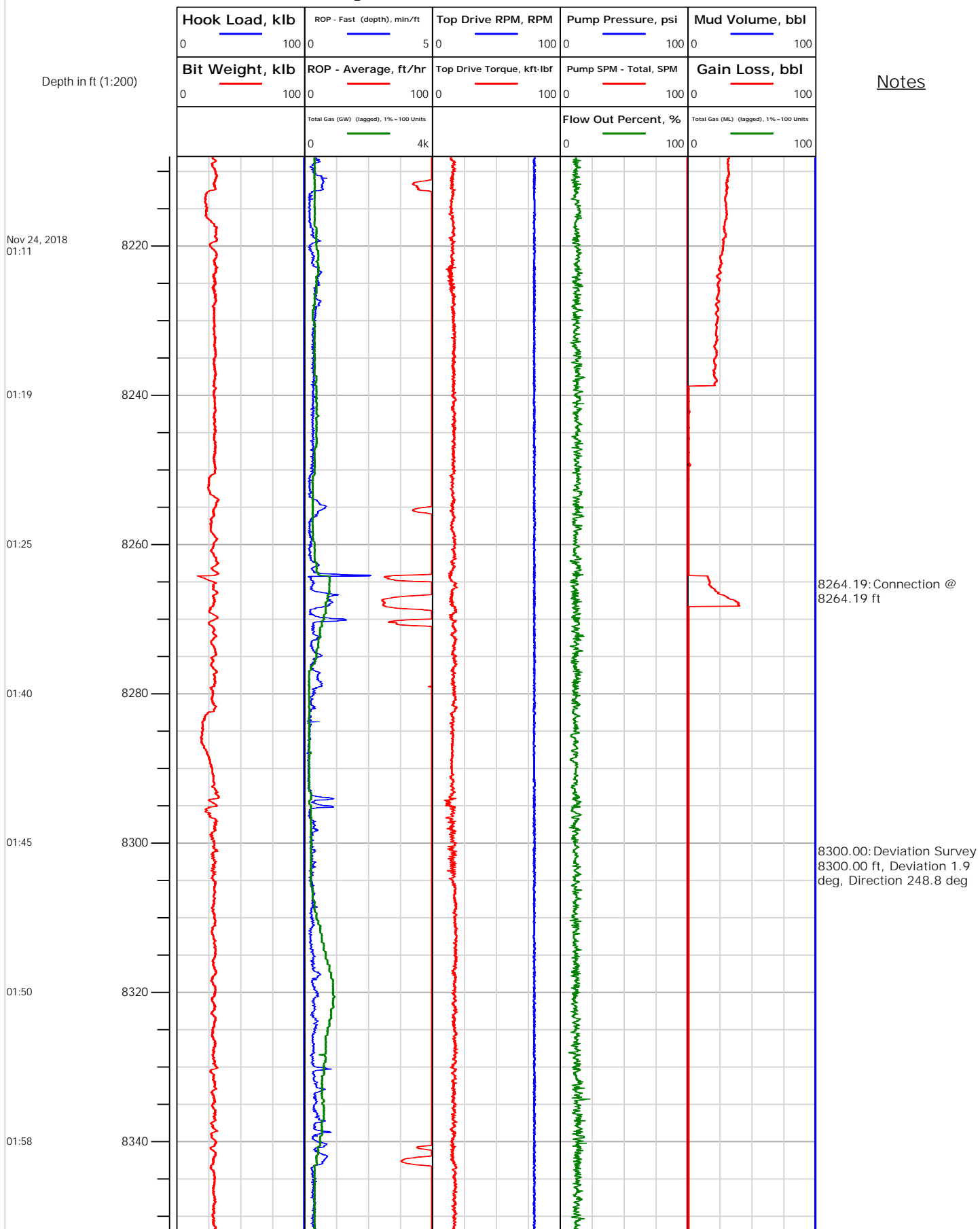
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





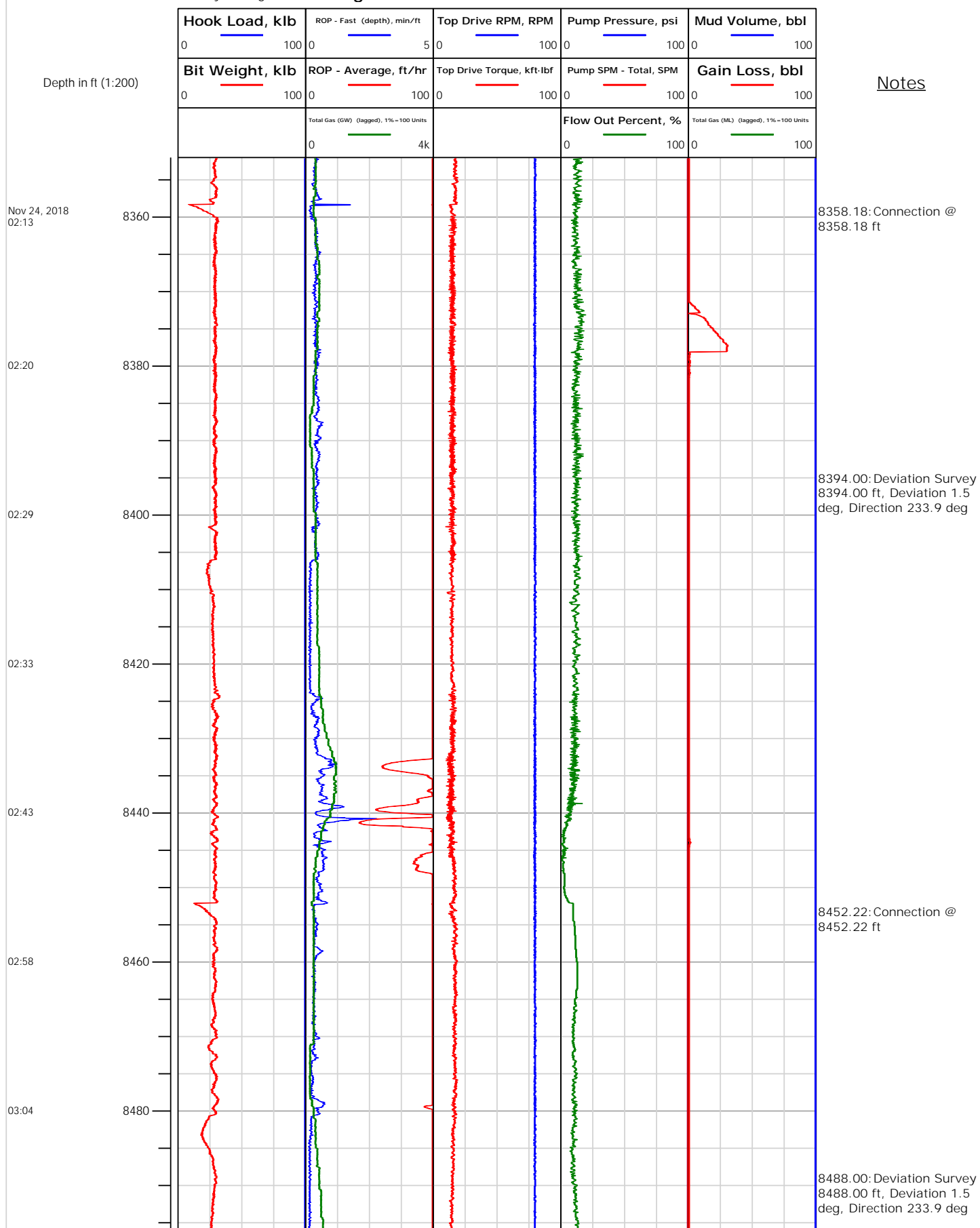
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





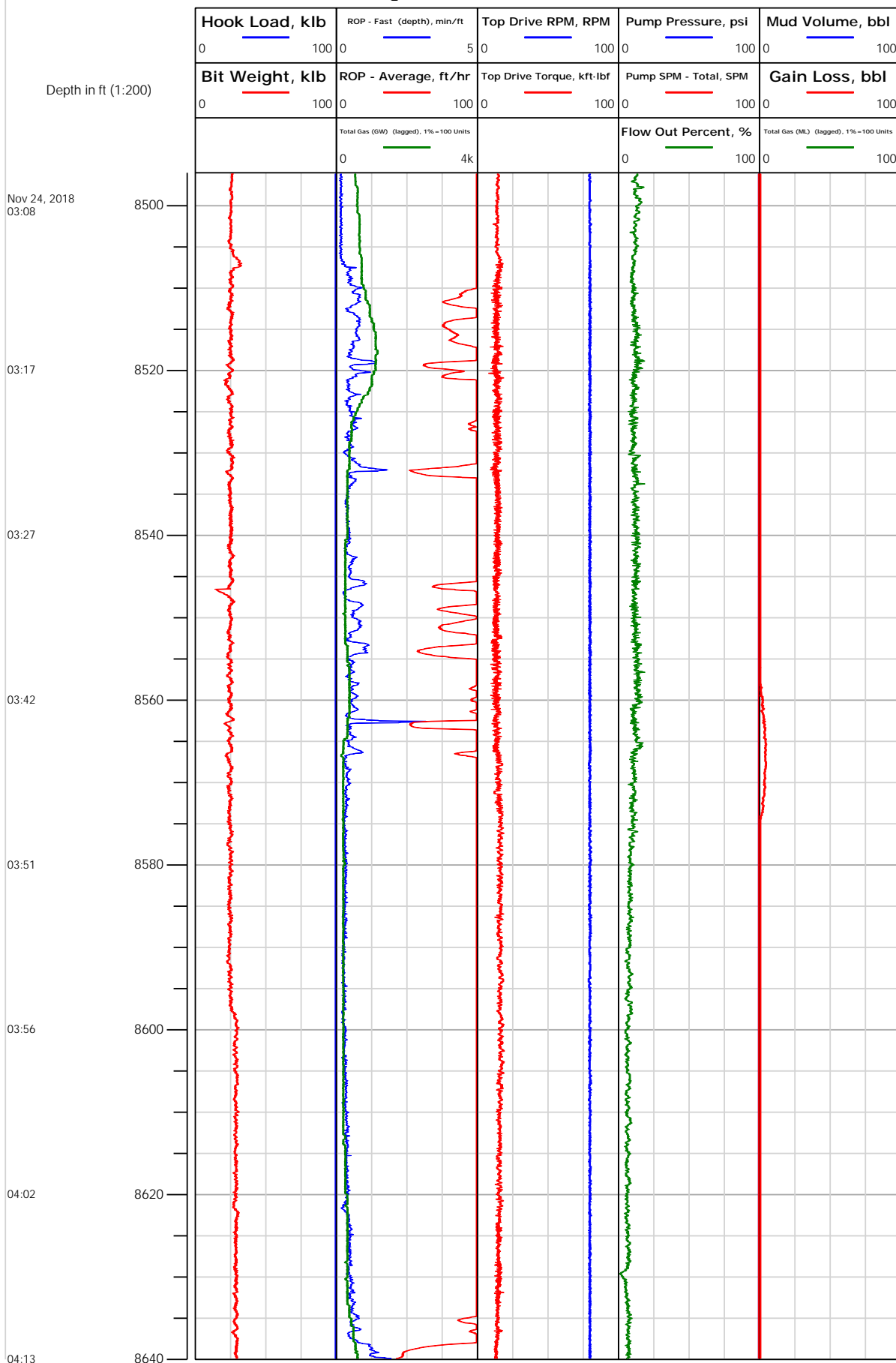
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Sup & Shep 0993-25-14W
Rig: 522

Location:

Notes

