

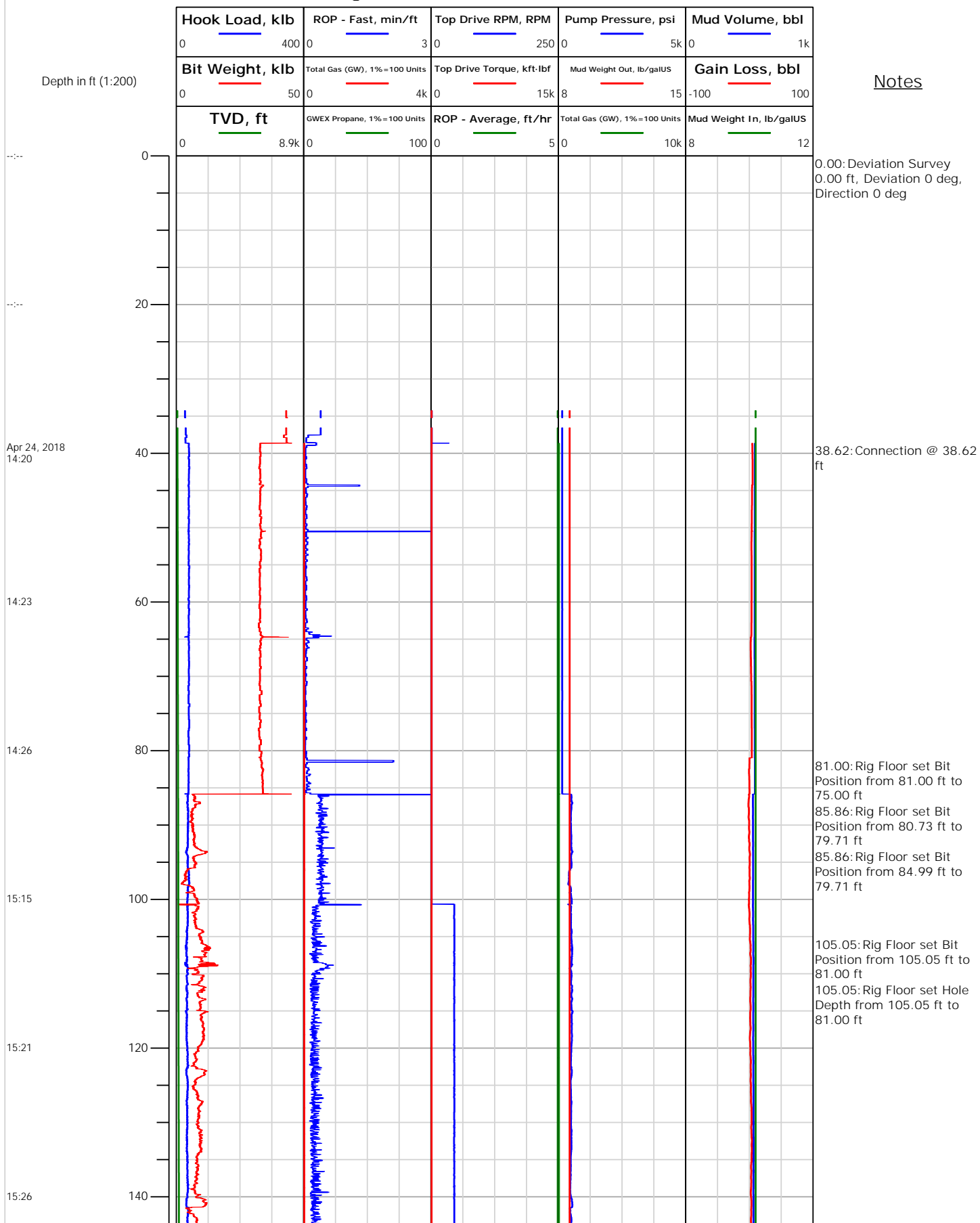


Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24





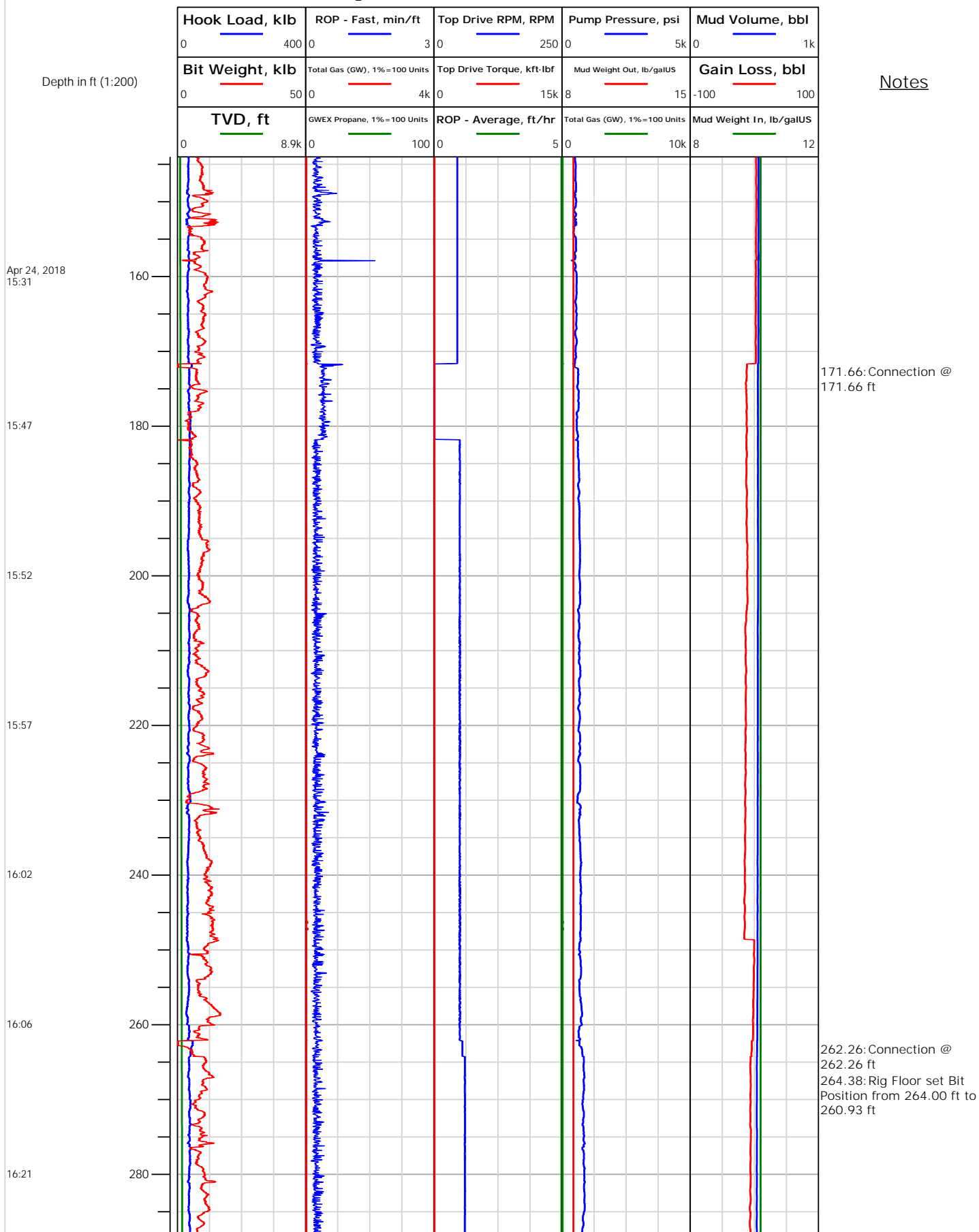
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





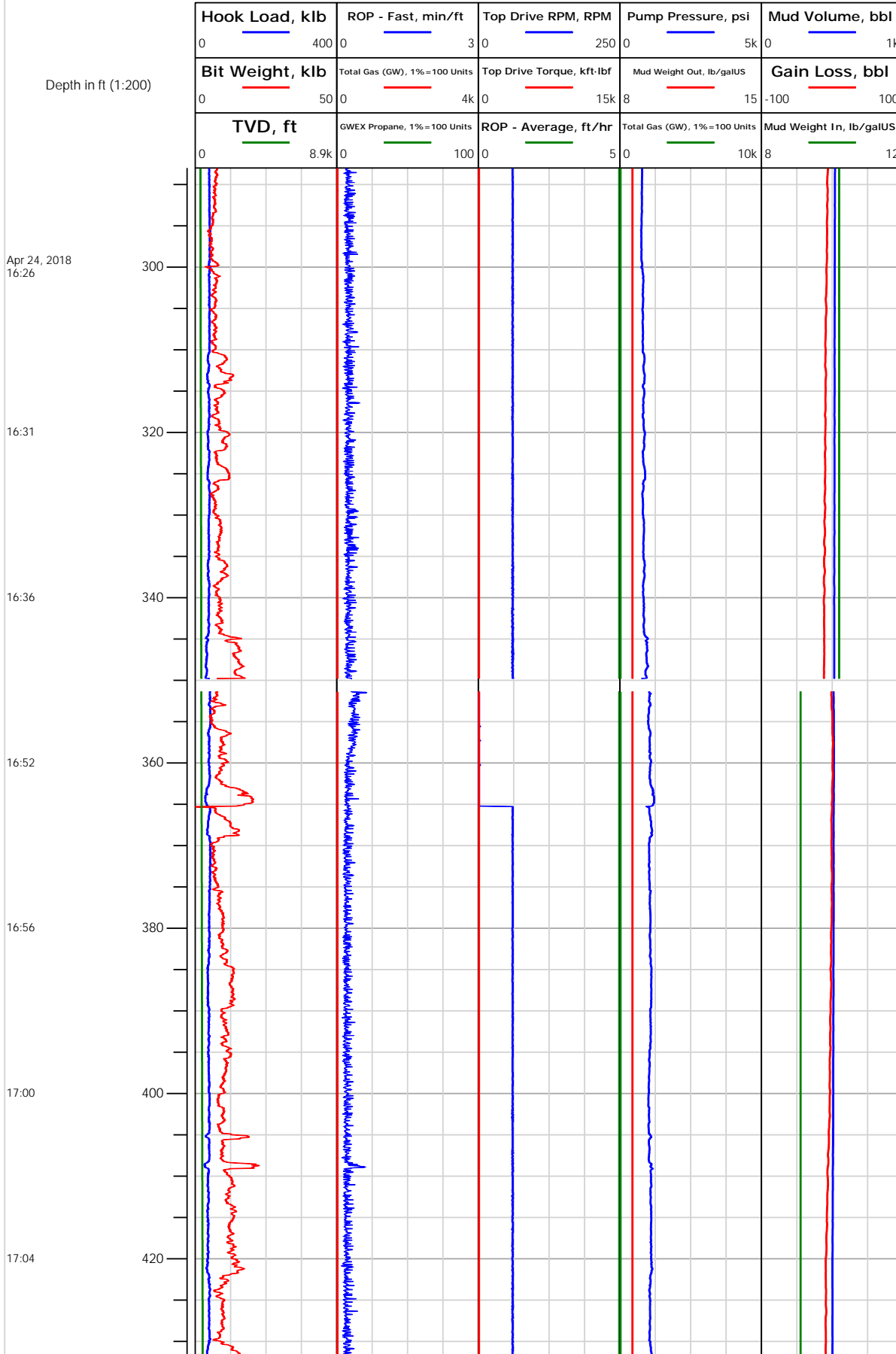
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





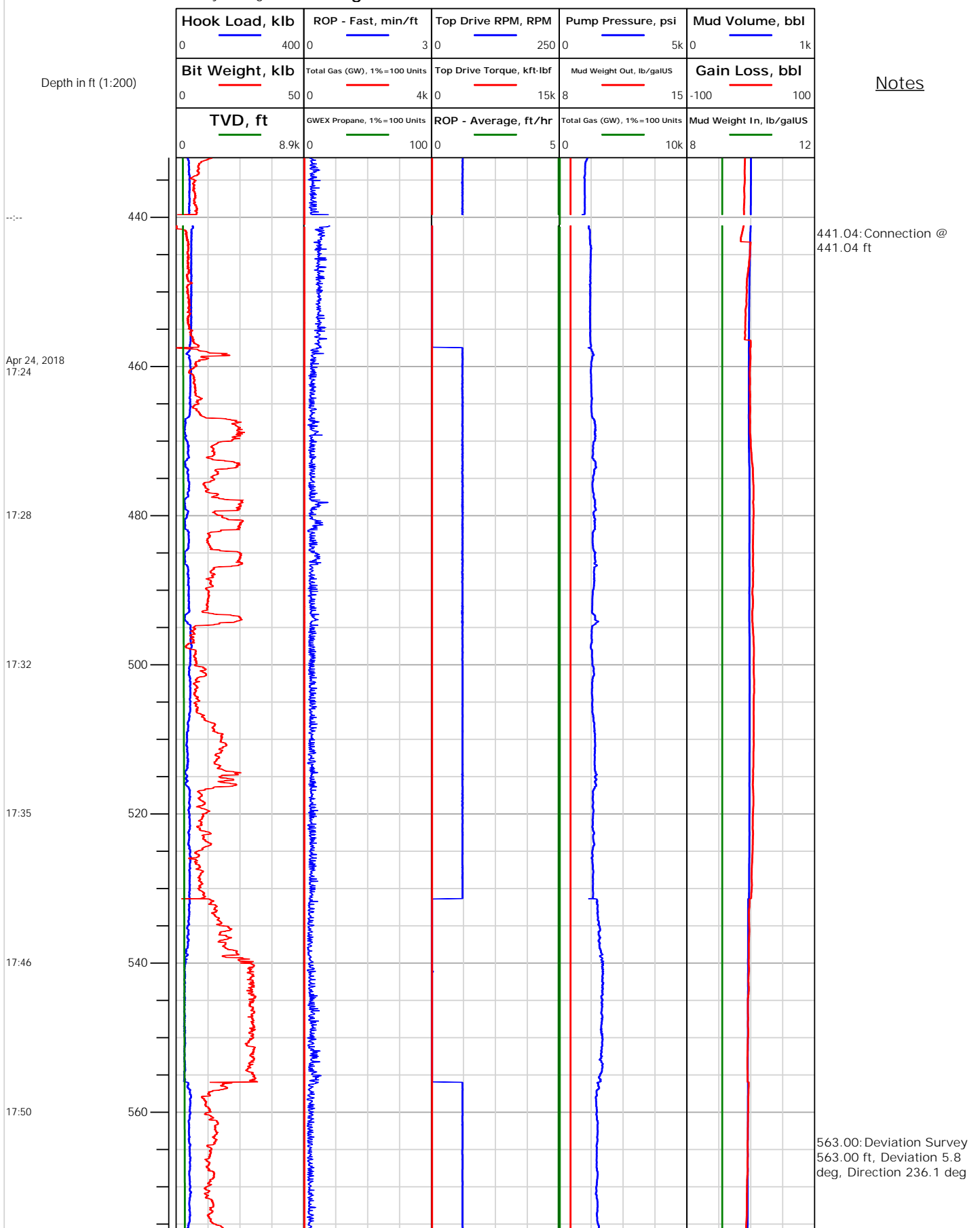
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





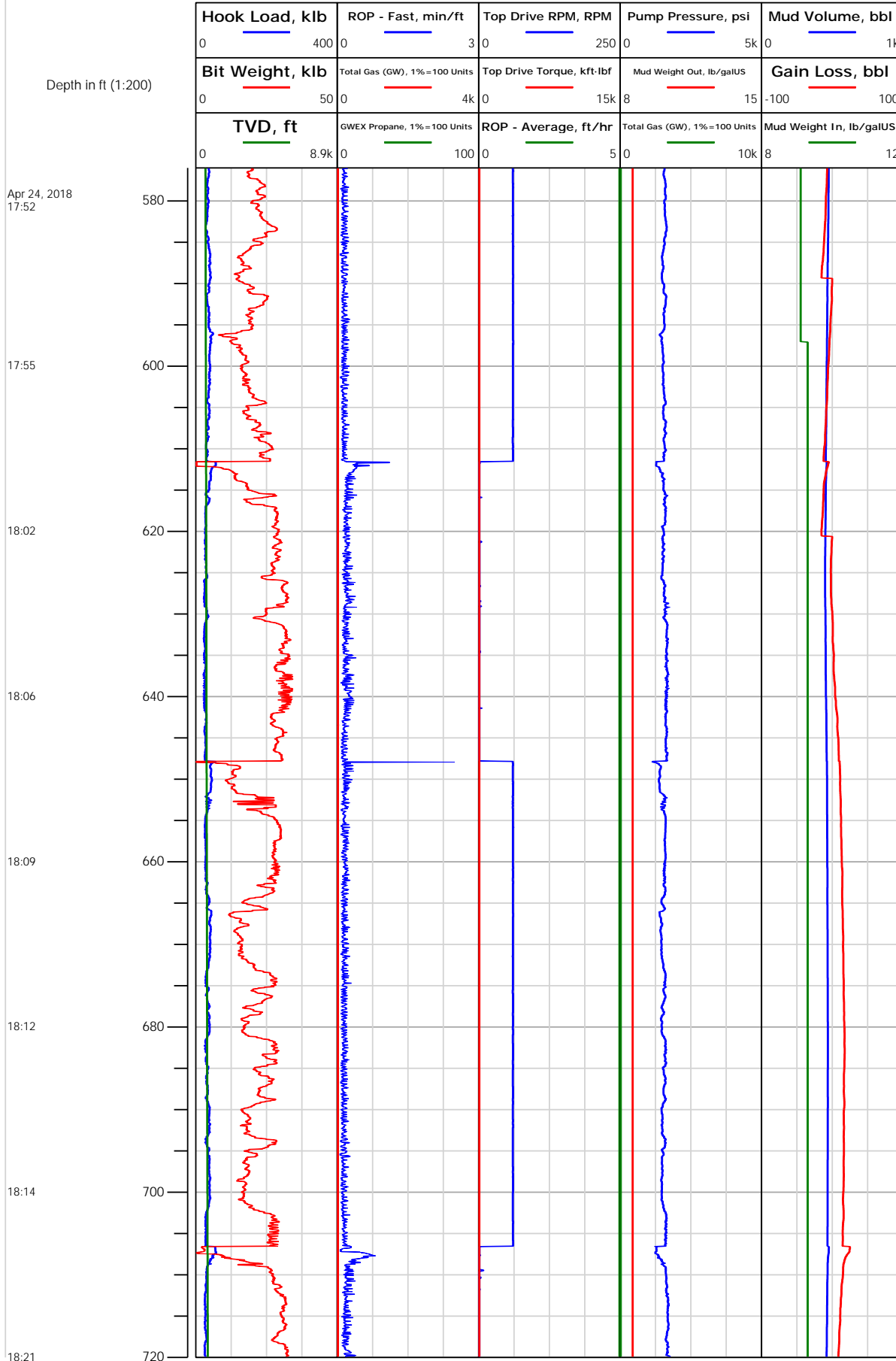
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





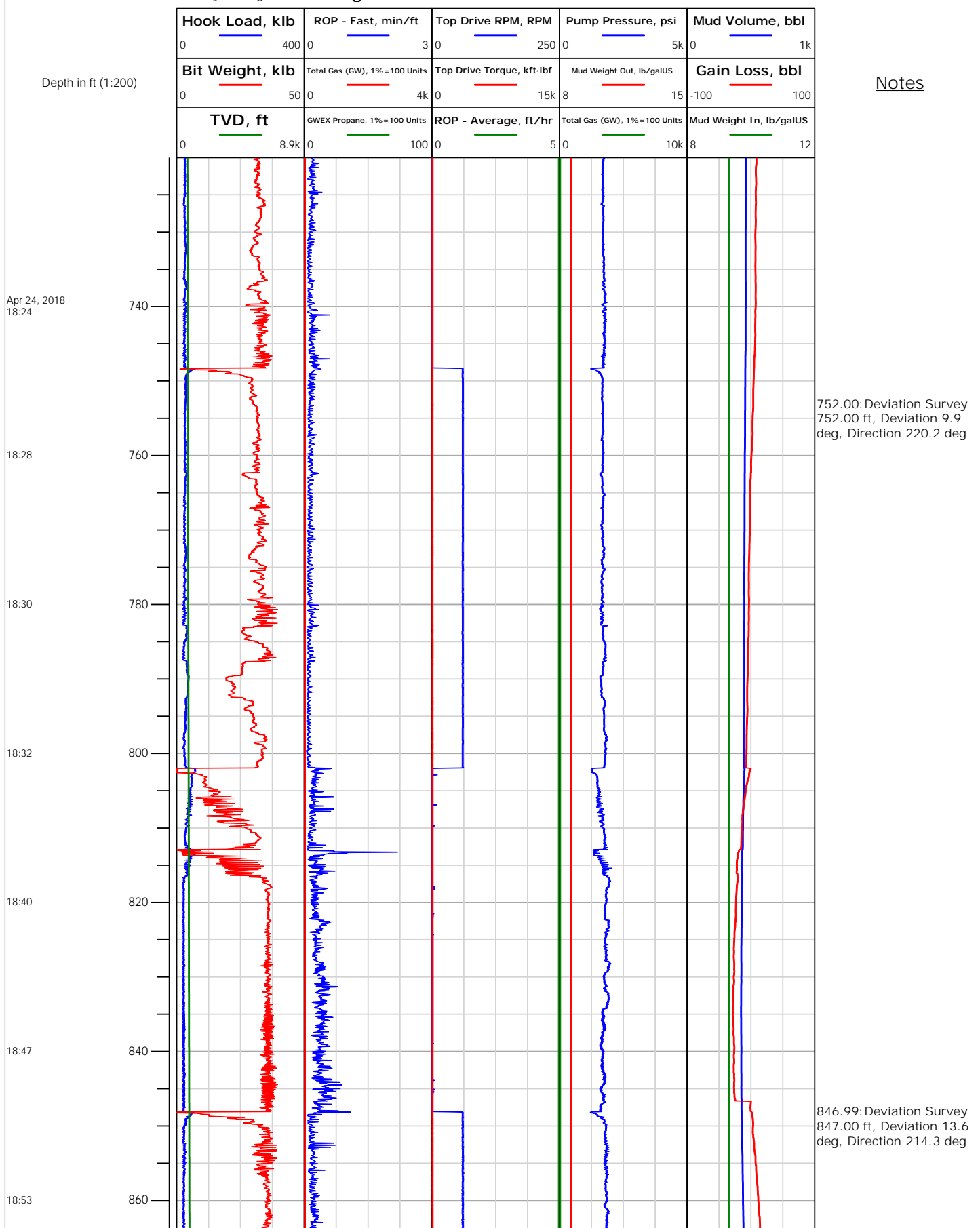
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





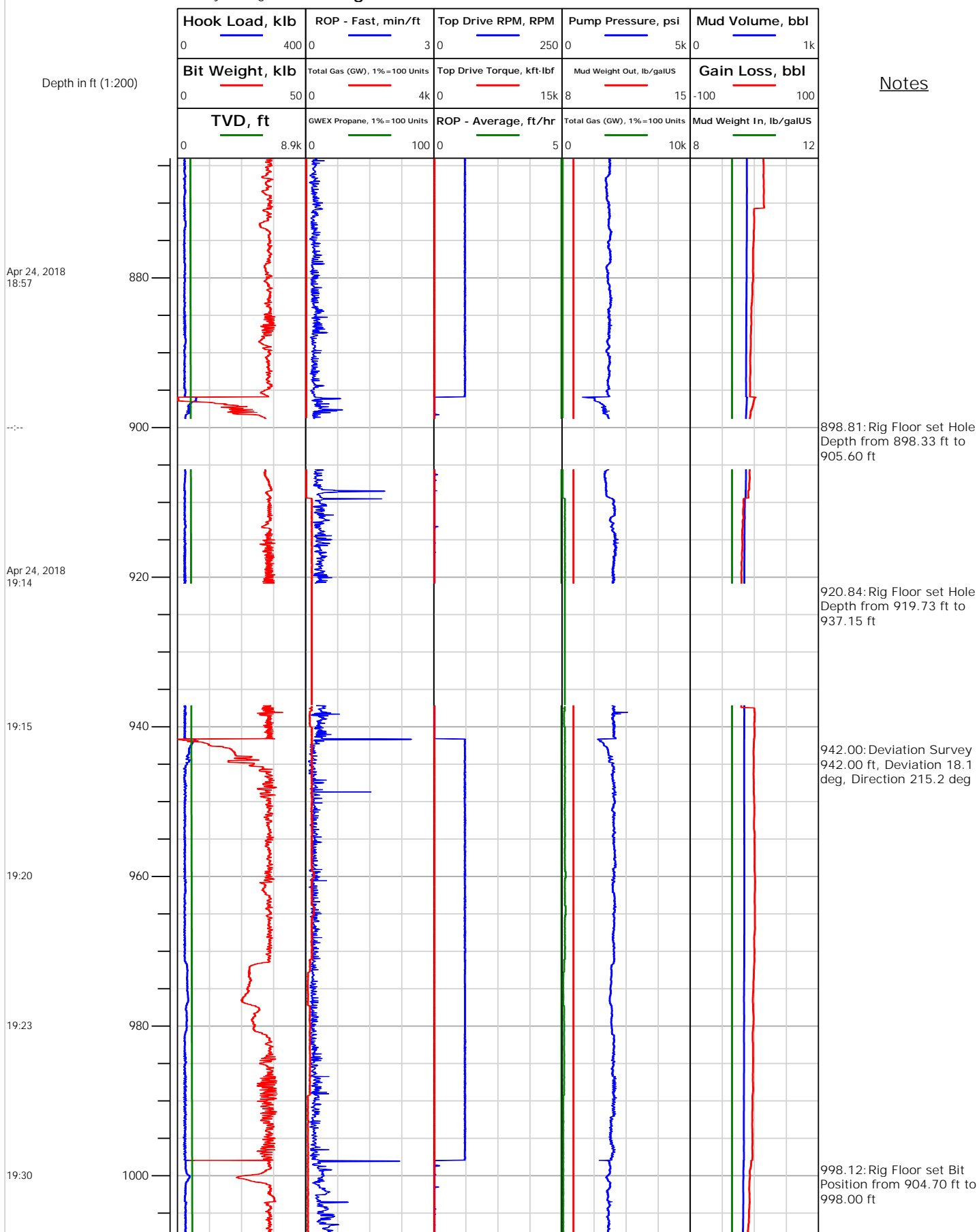
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes

Depth in ft (1:200)

Apr 24, 2018
19:38

19:45

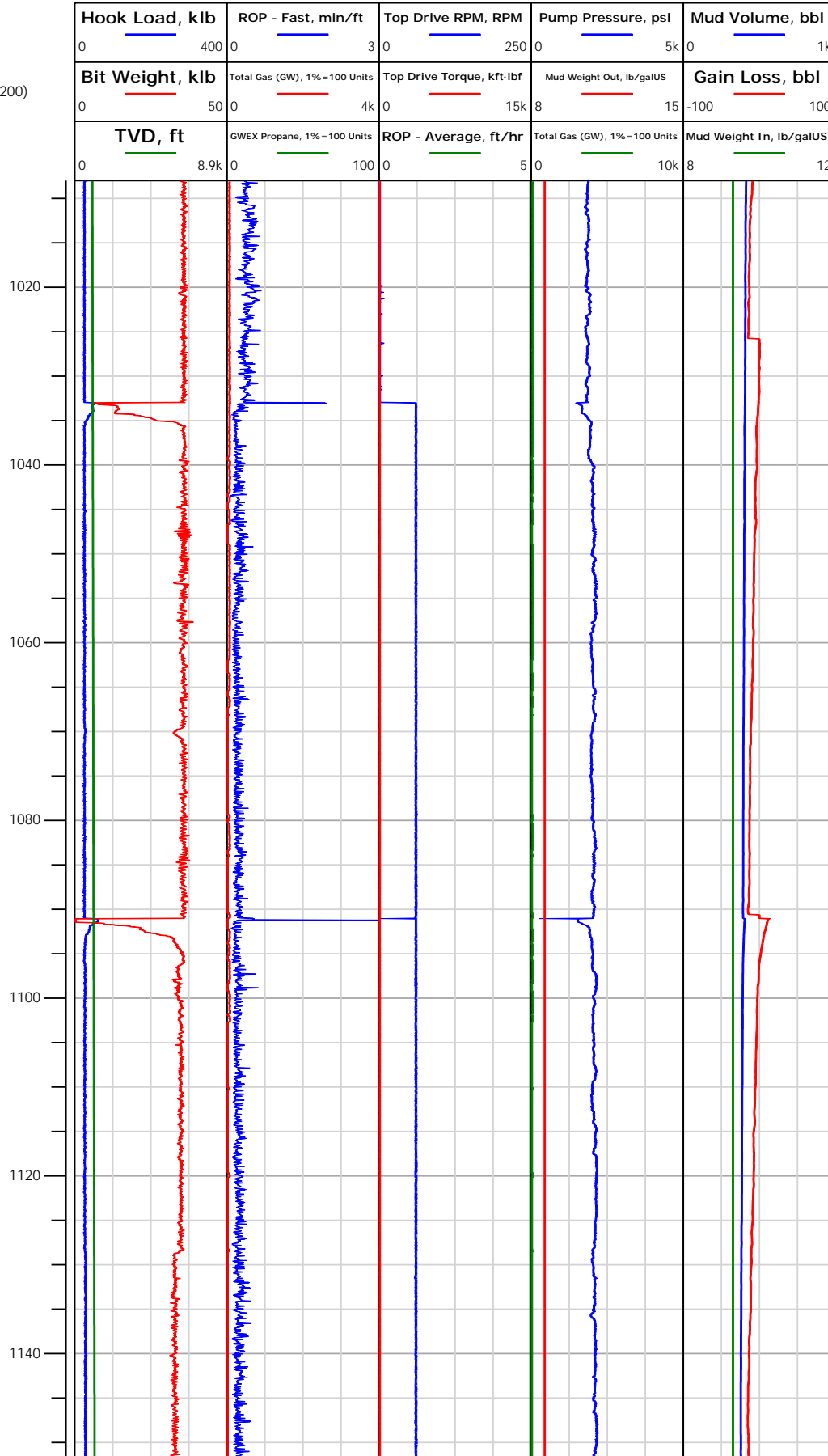
19:49

19:53

20:00

20:04

20:09





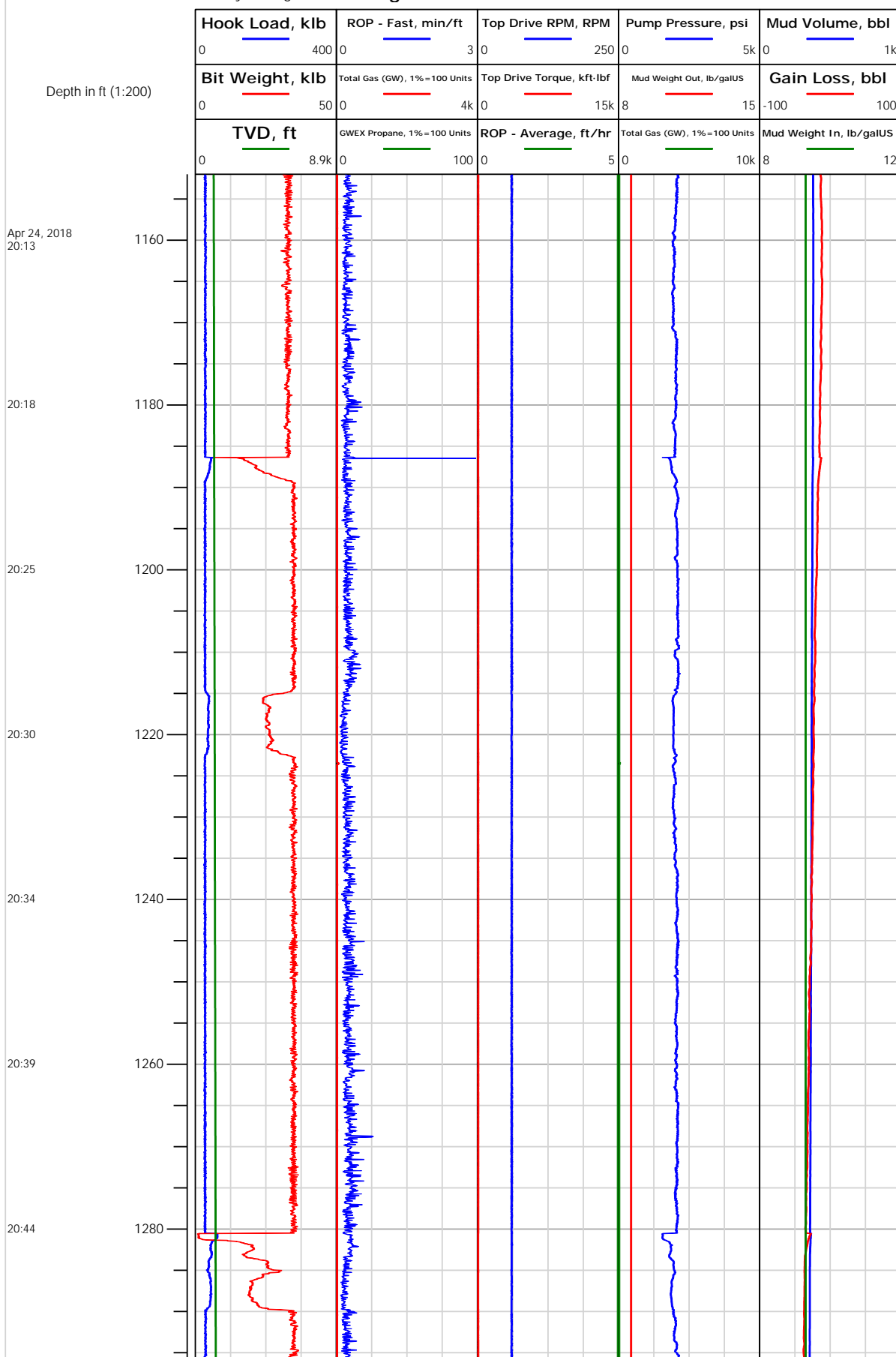
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





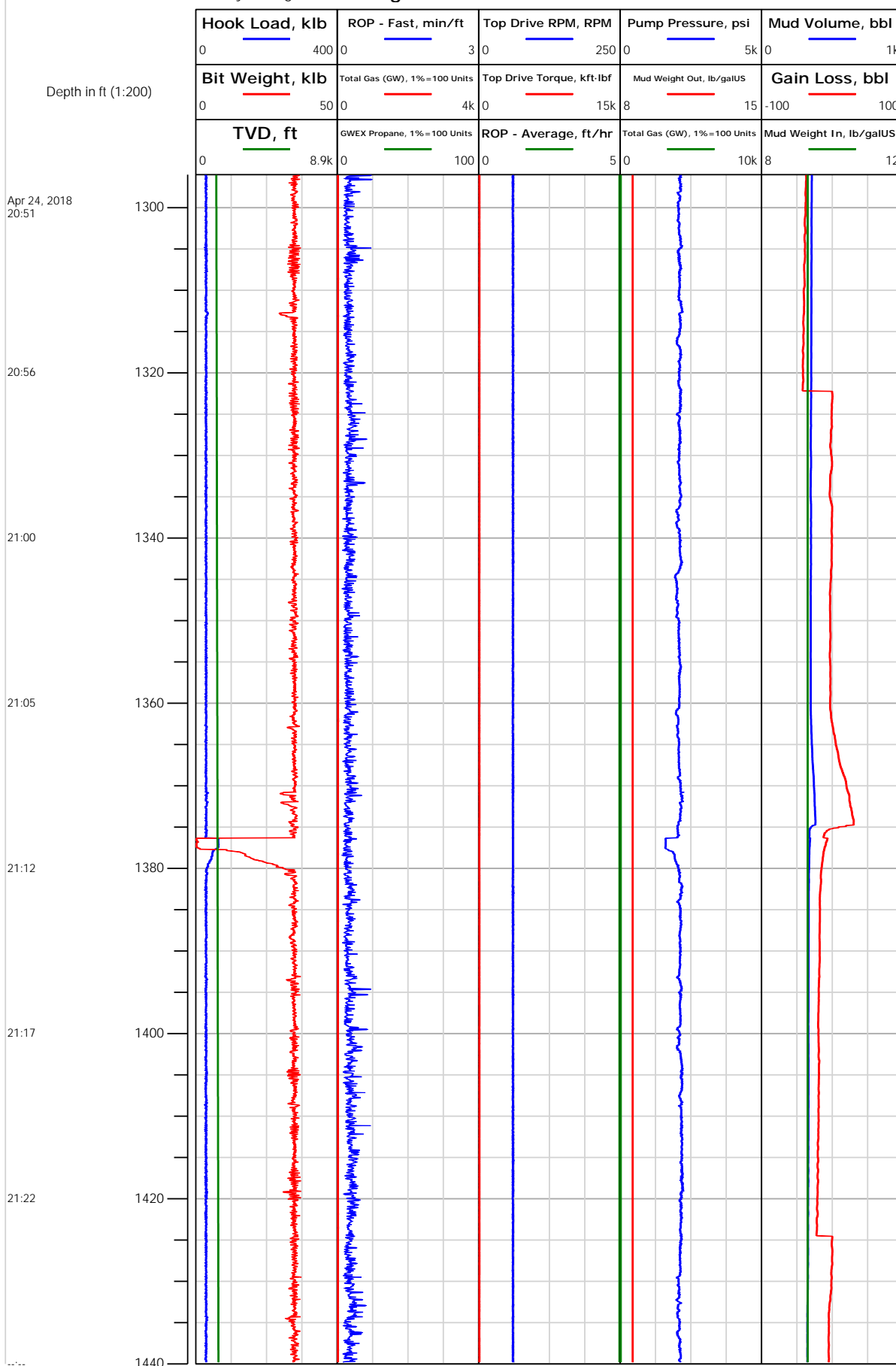
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes



1320.00: Deviation Survey
 1320.00 ft, Deviation
 21.31 deg, Direction
 207.28 deg

1414.00: Deviation Survey
 1414.00 ft, Deviation
 20.65 deg, Direction
 206.05 deg



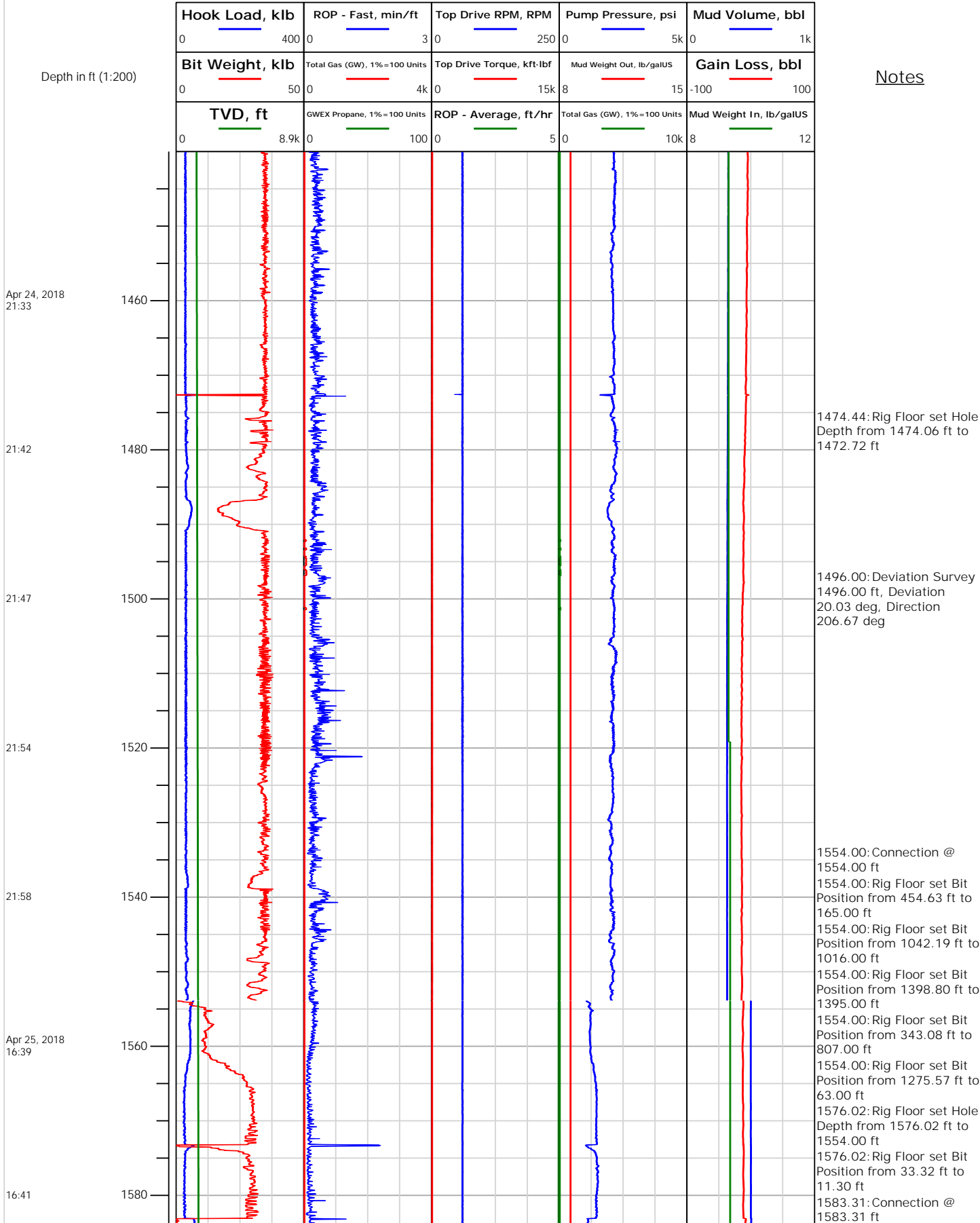
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





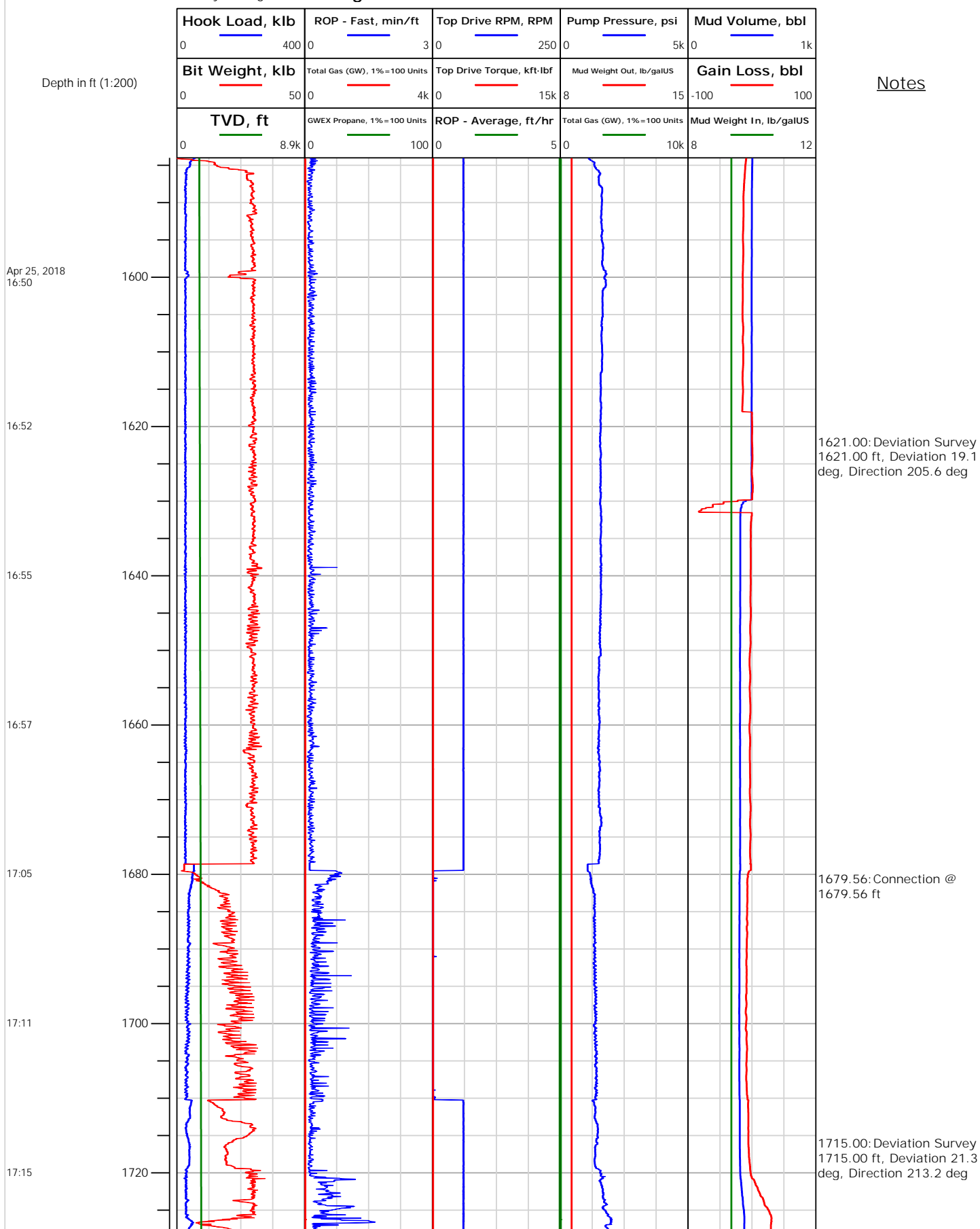
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes

Depth in ft (1:200)

Apr 25, 2018
17:25

17:33

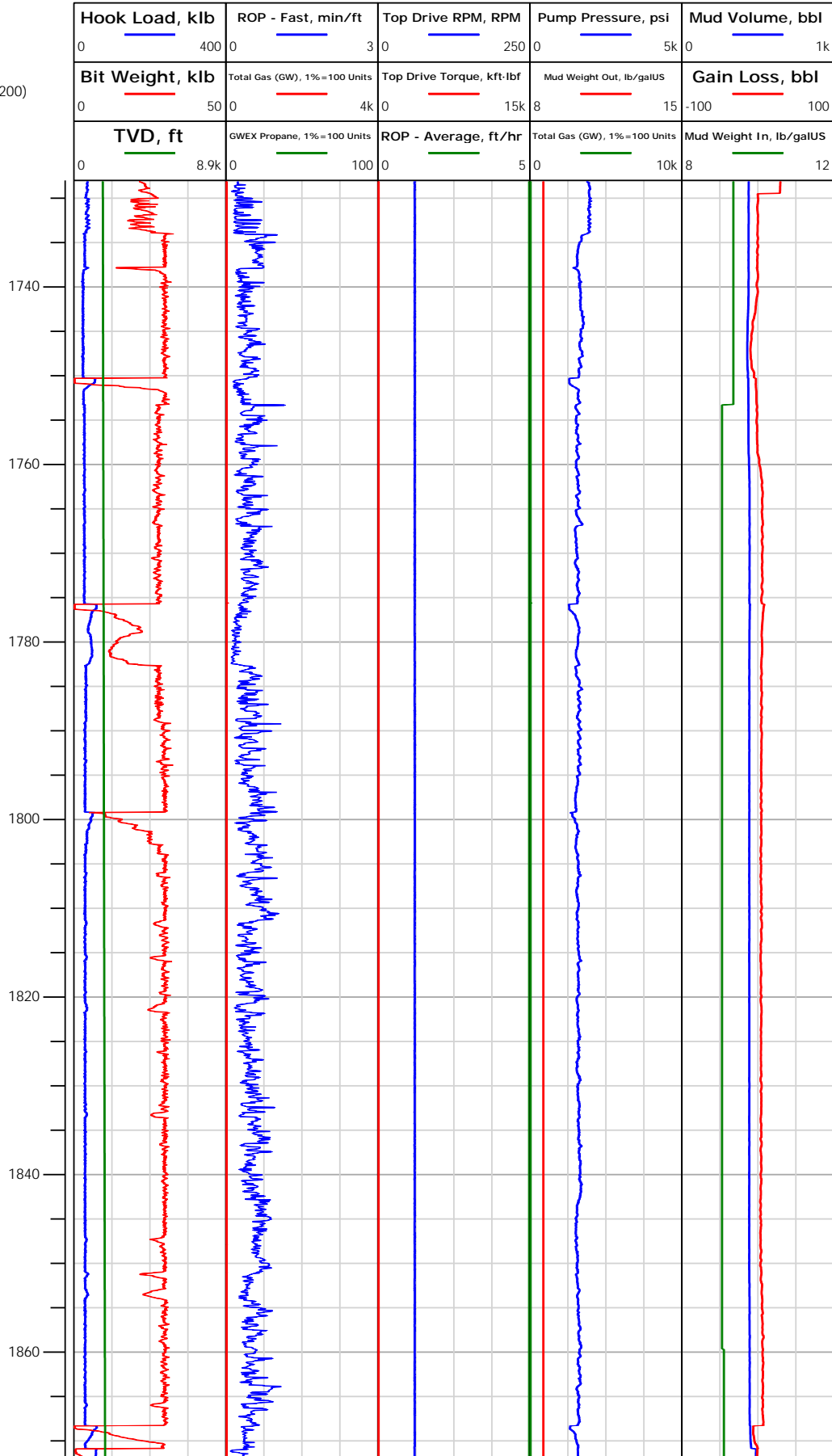
17:48

17:58

18:08

18:17

18:29





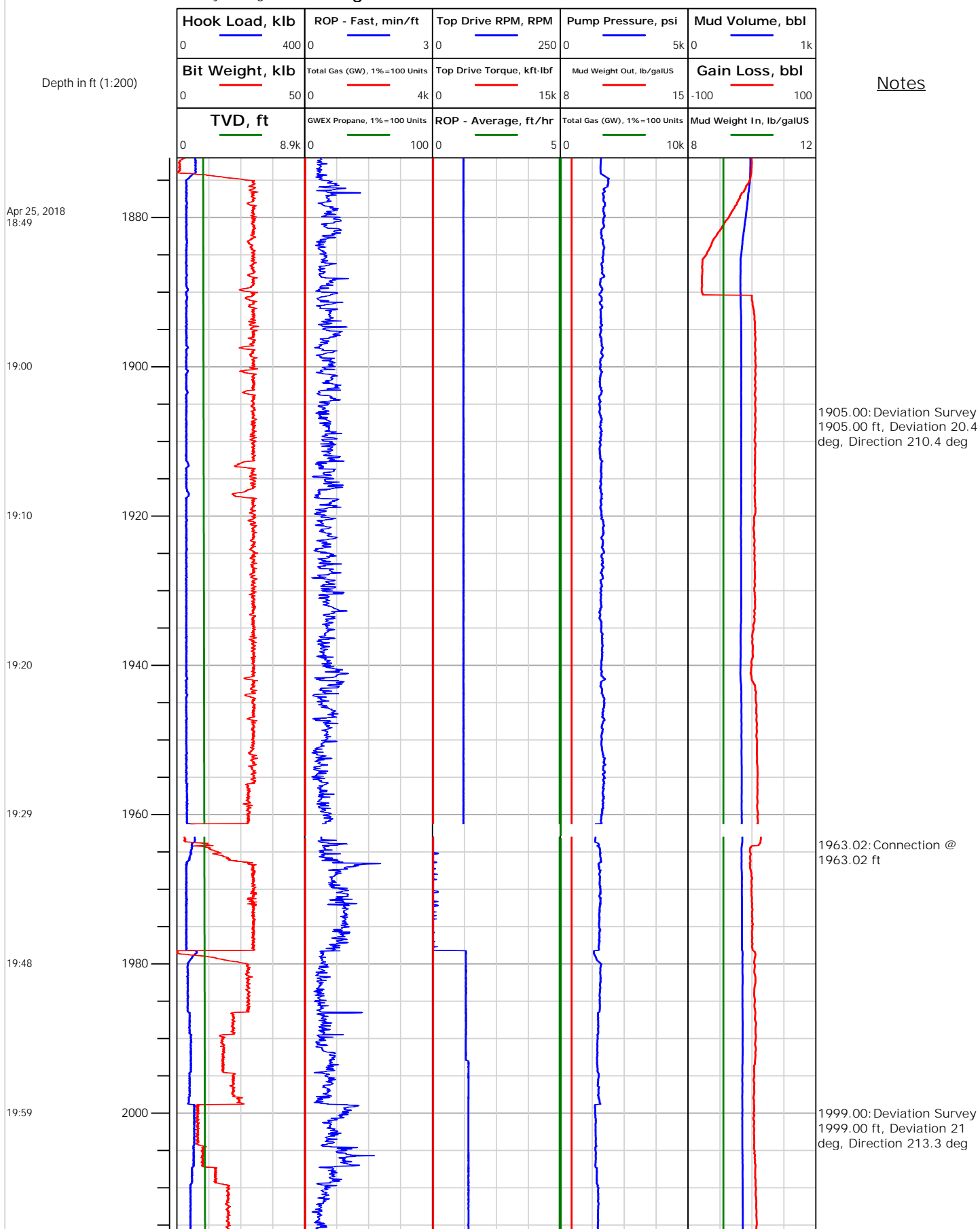
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





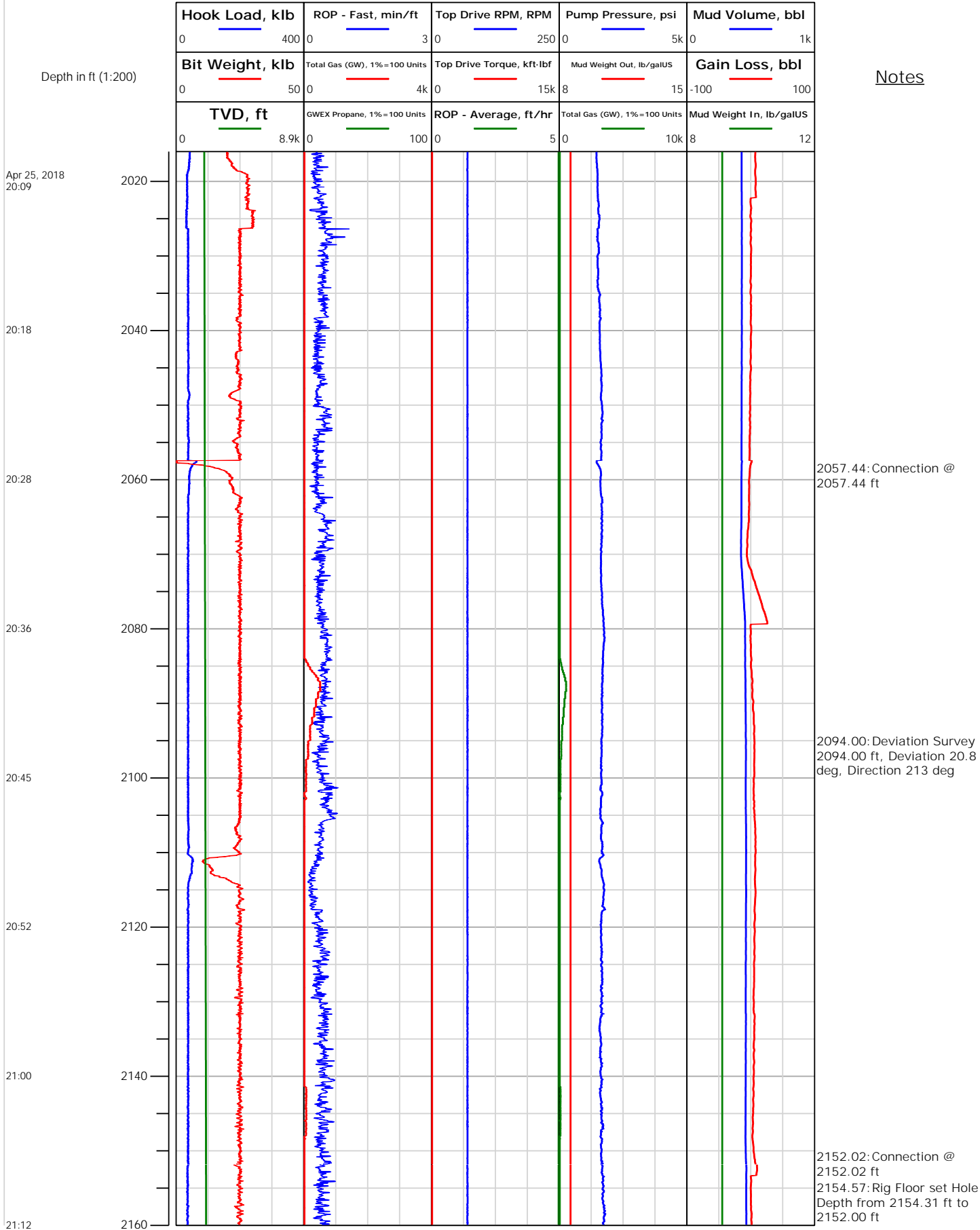
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





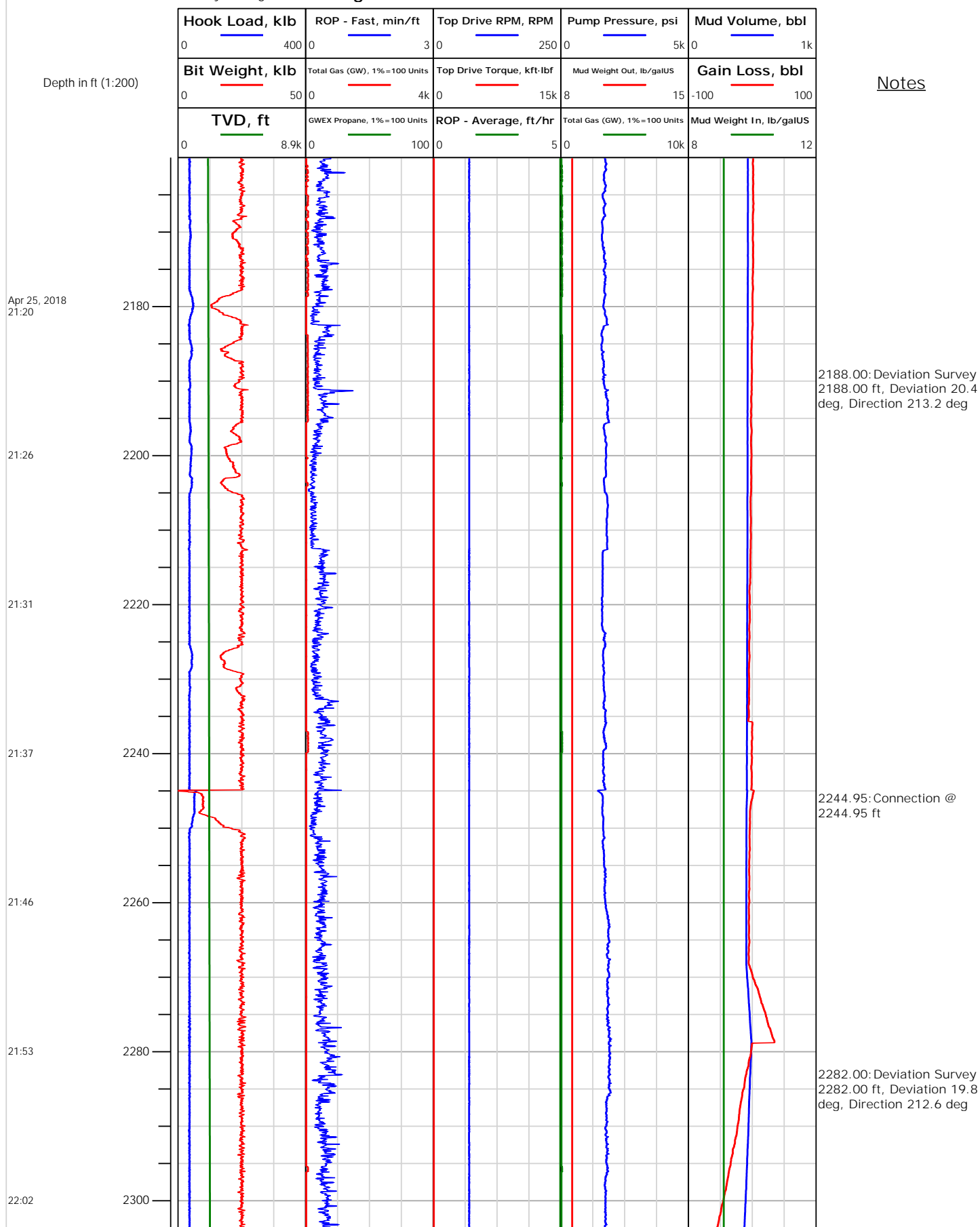
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





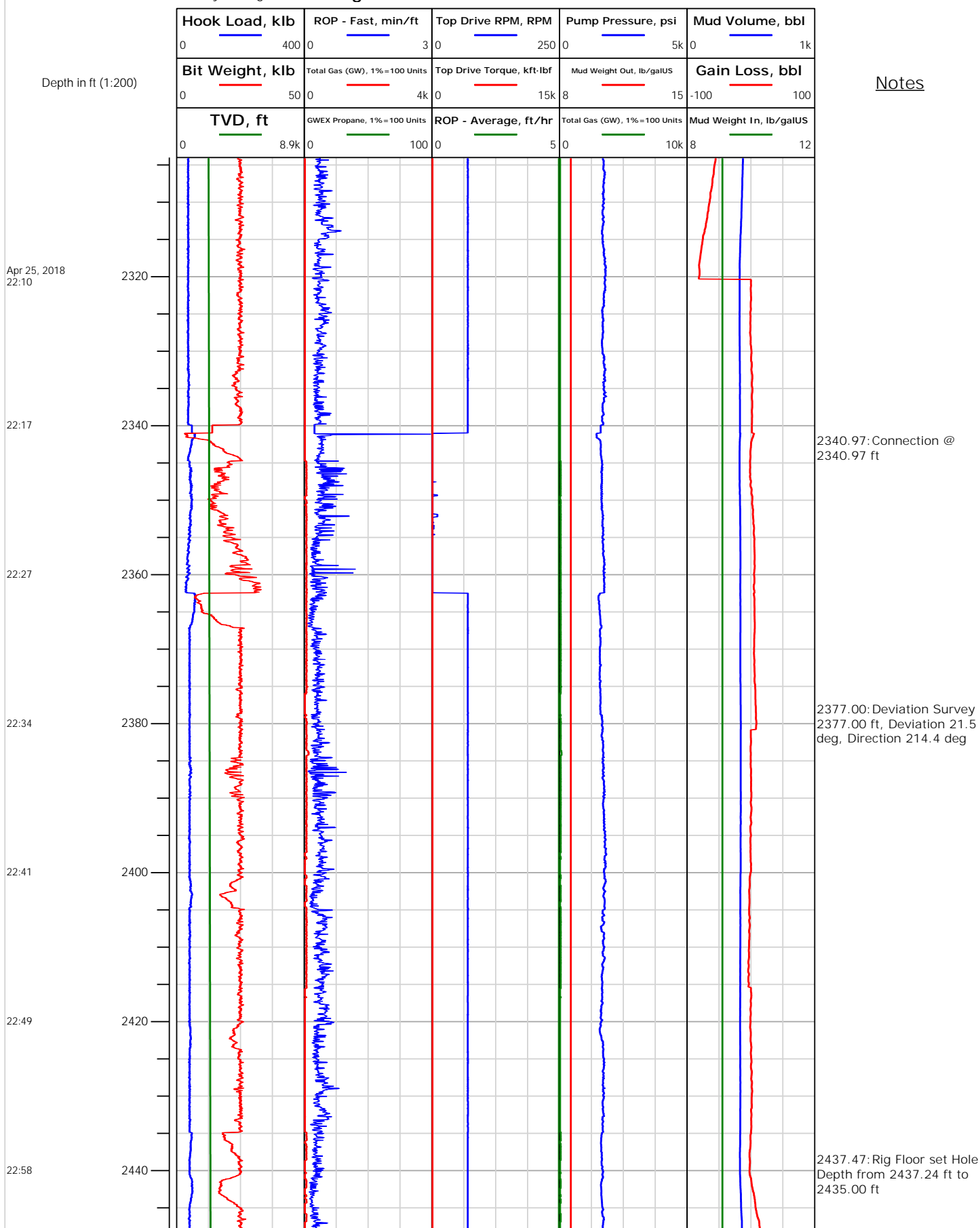
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





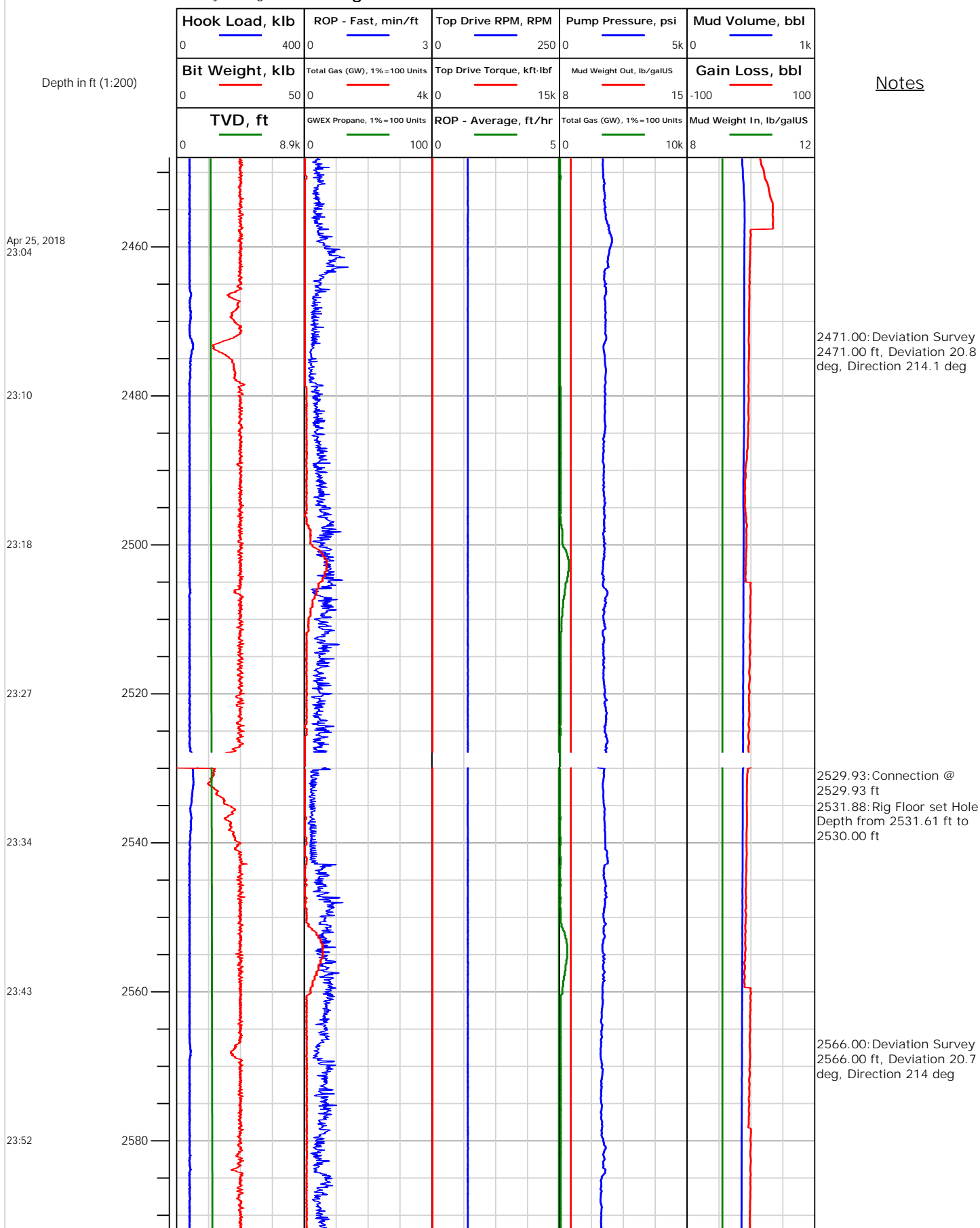
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





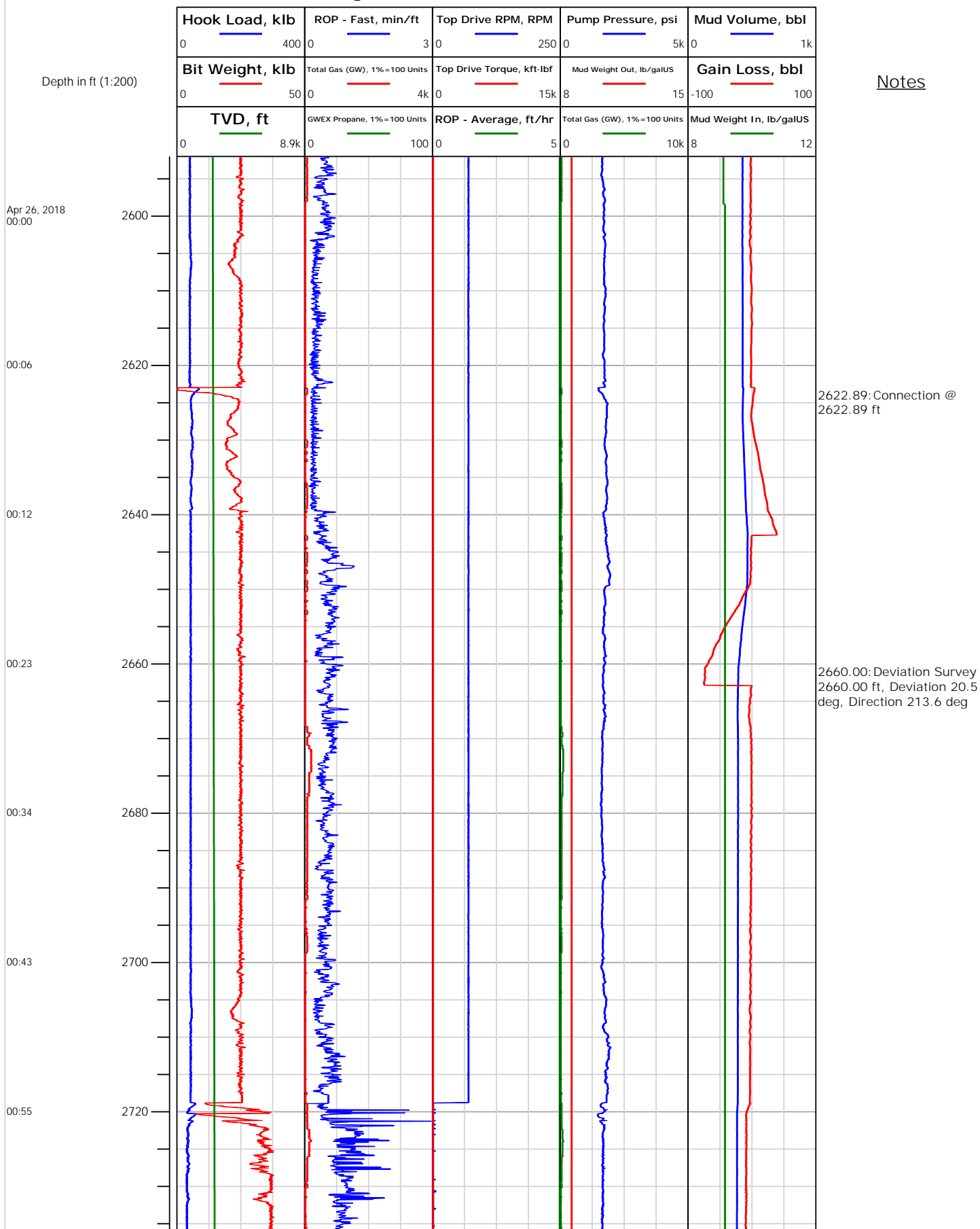
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





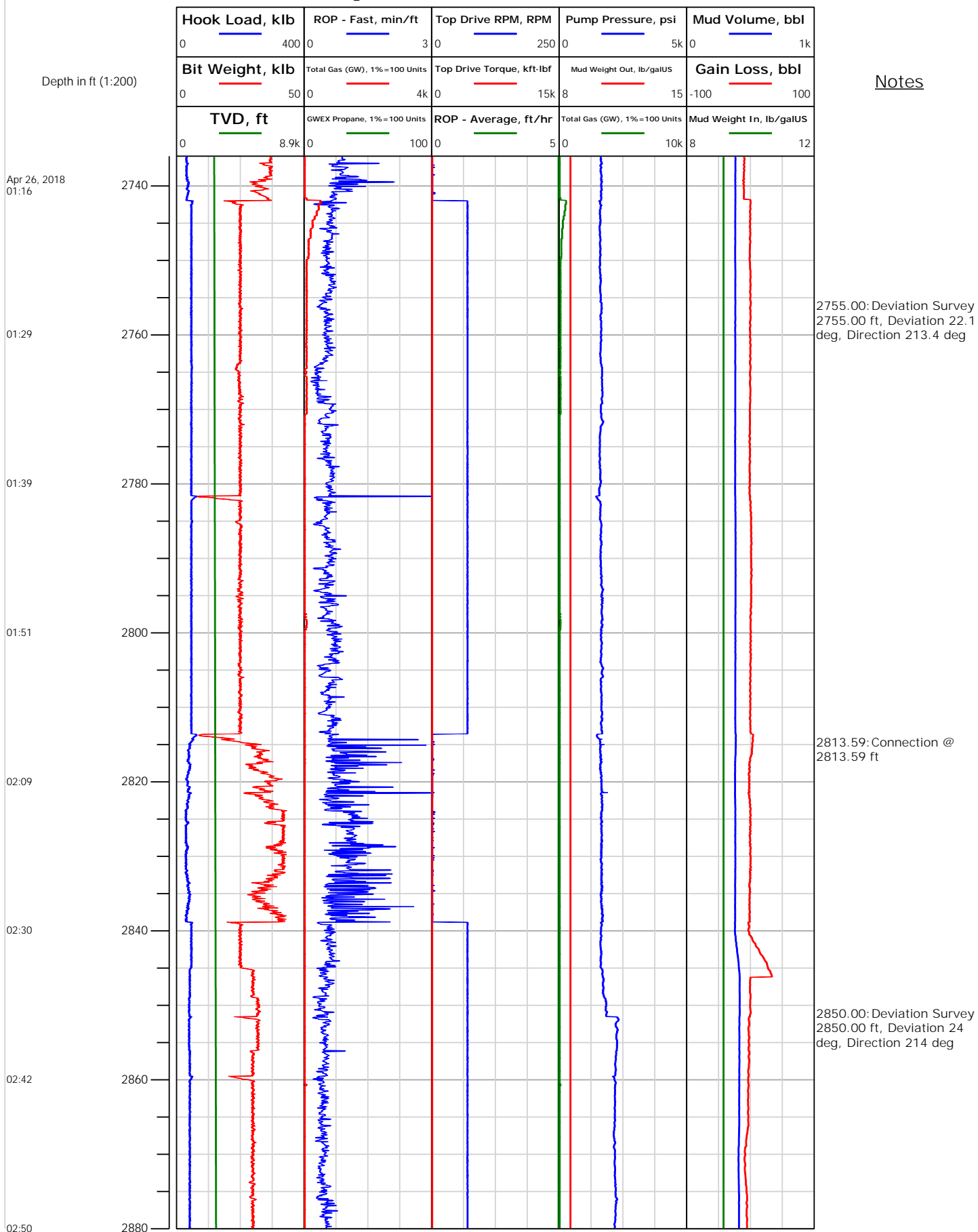
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





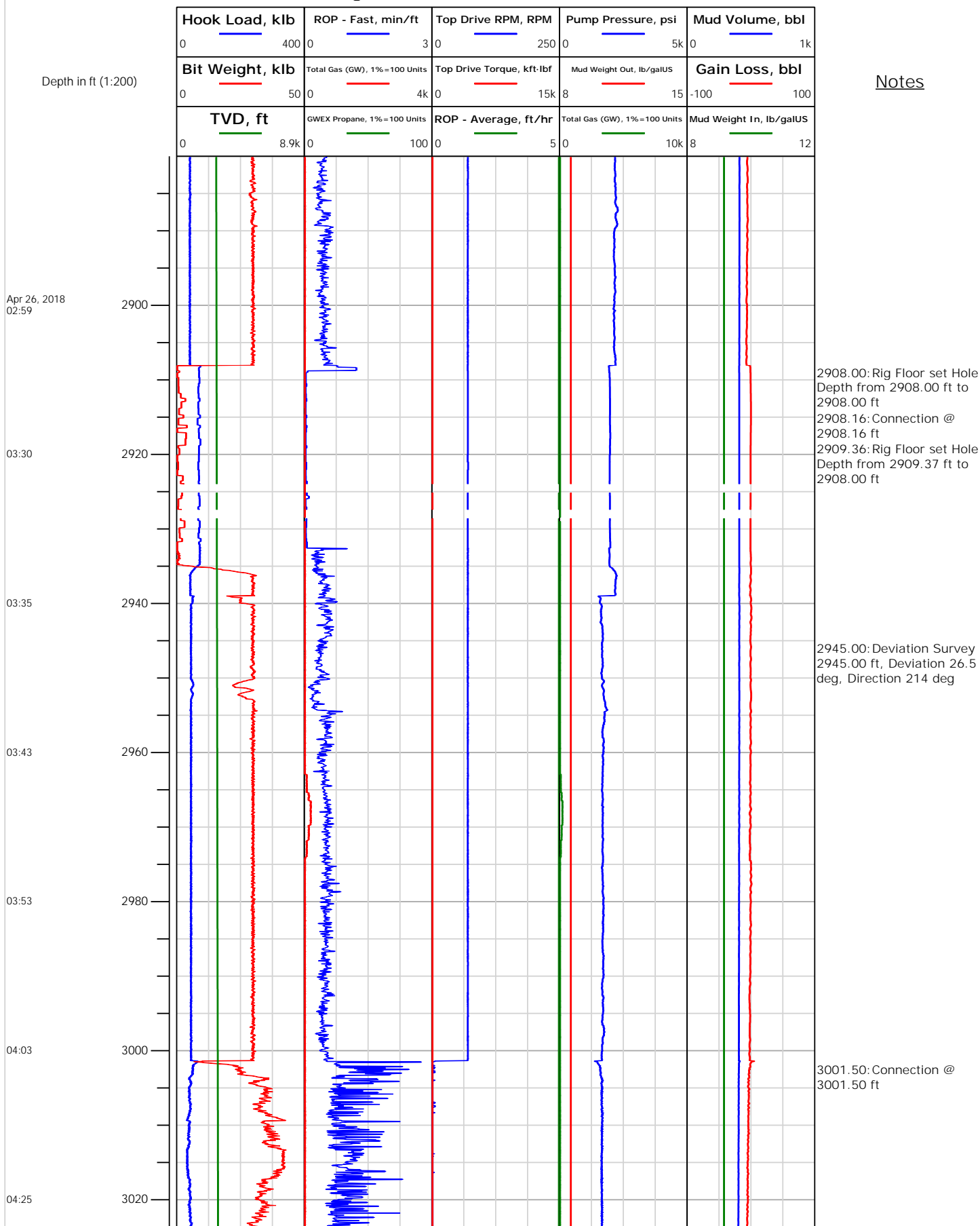
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





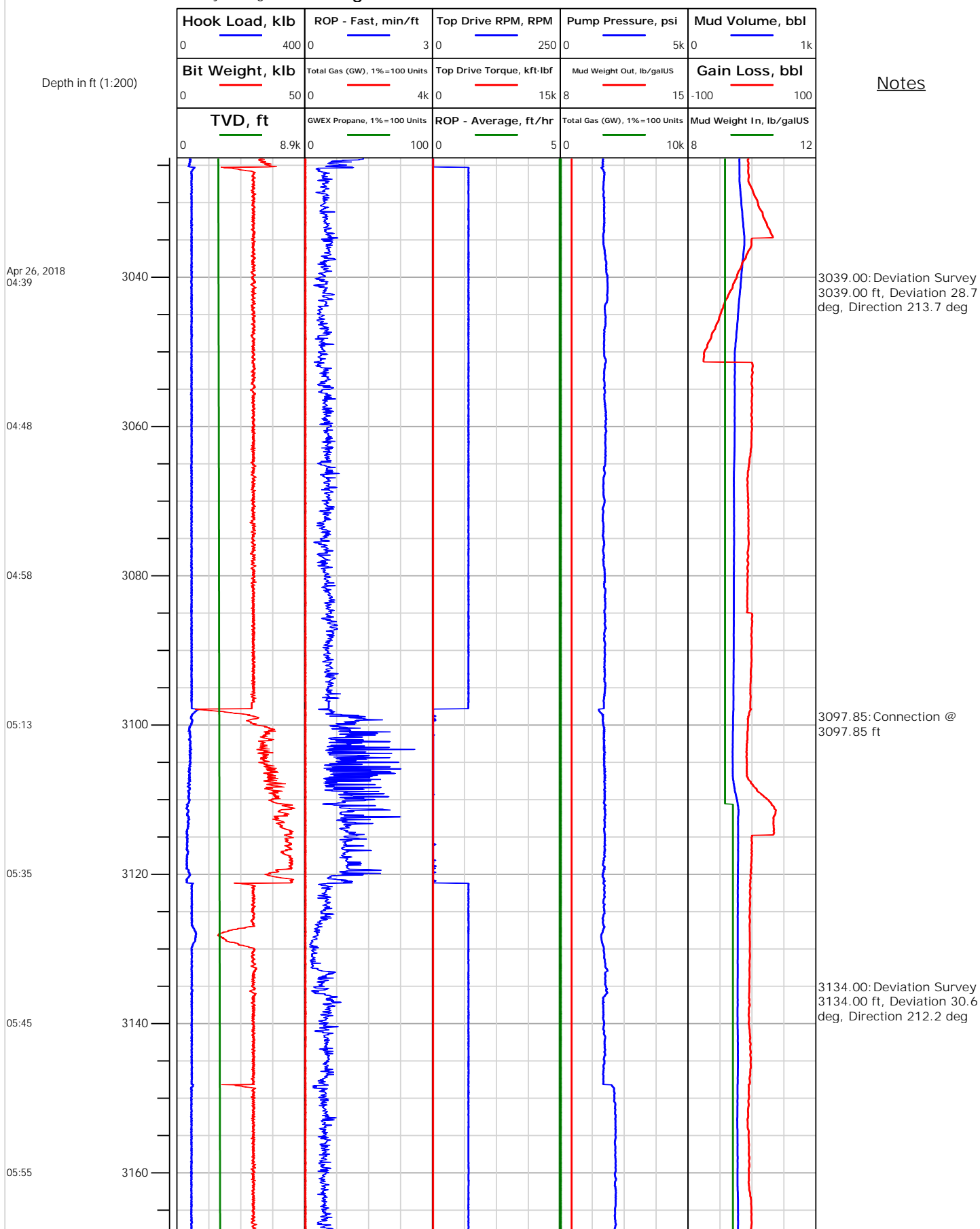
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





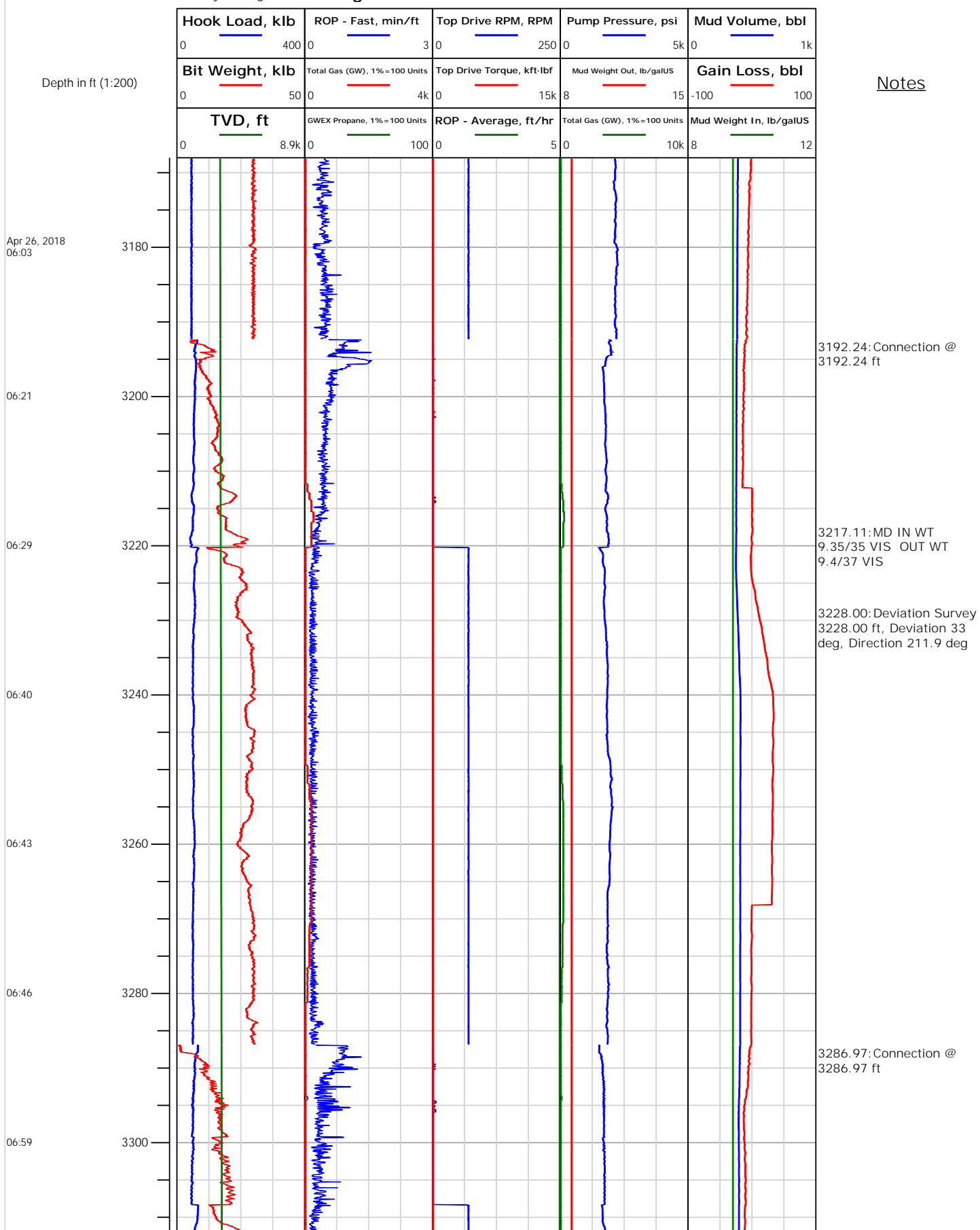
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





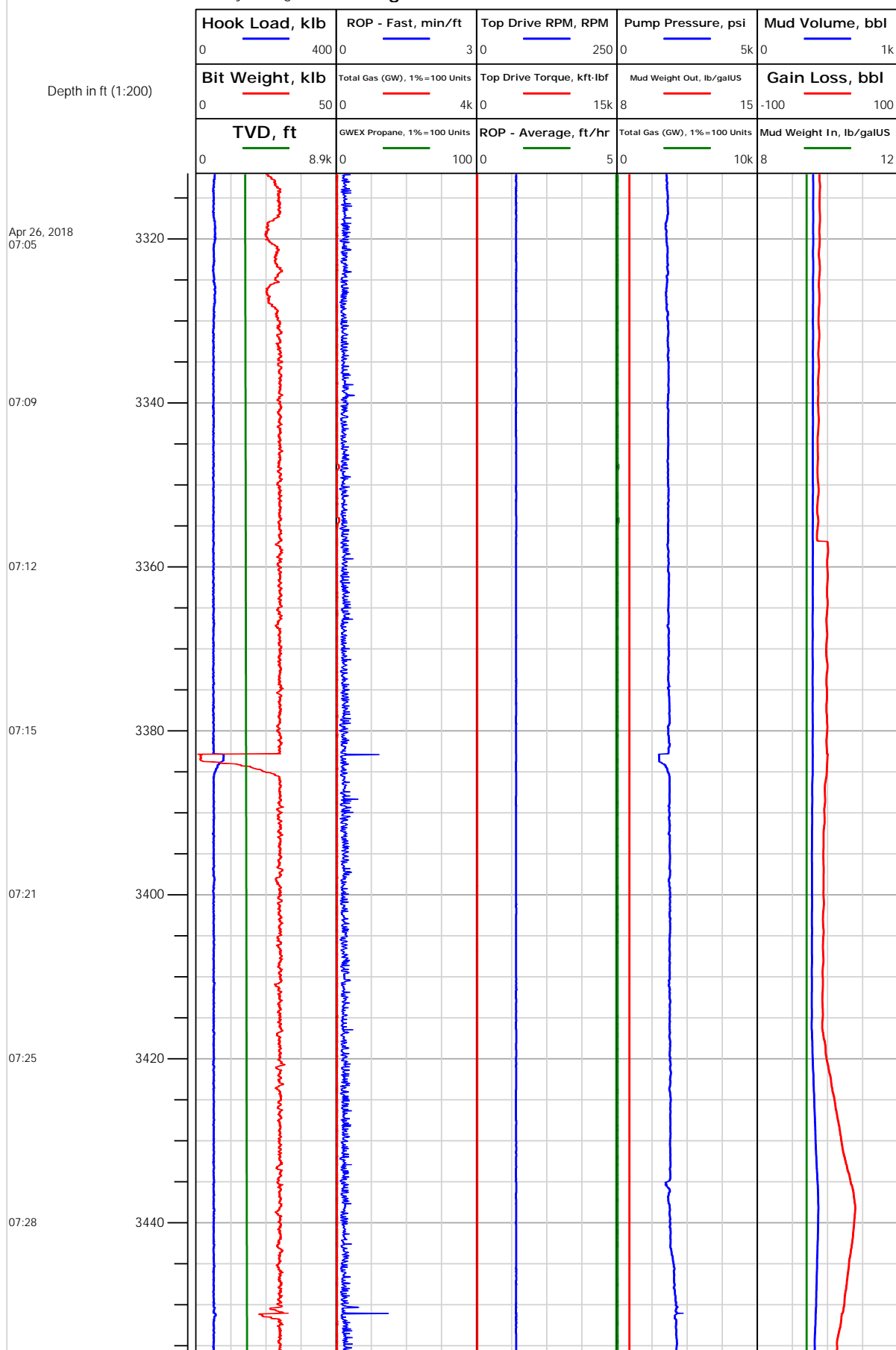
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





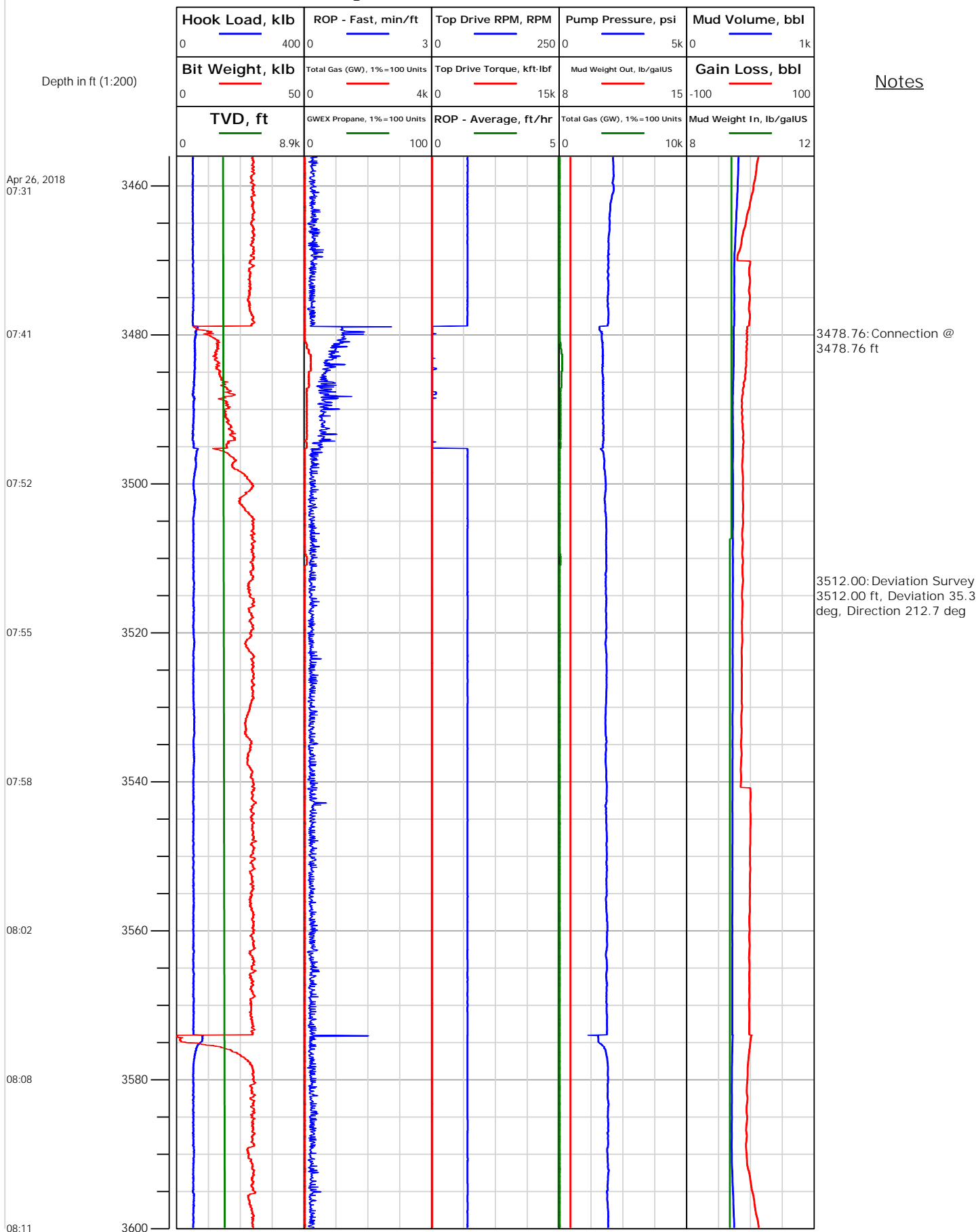
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





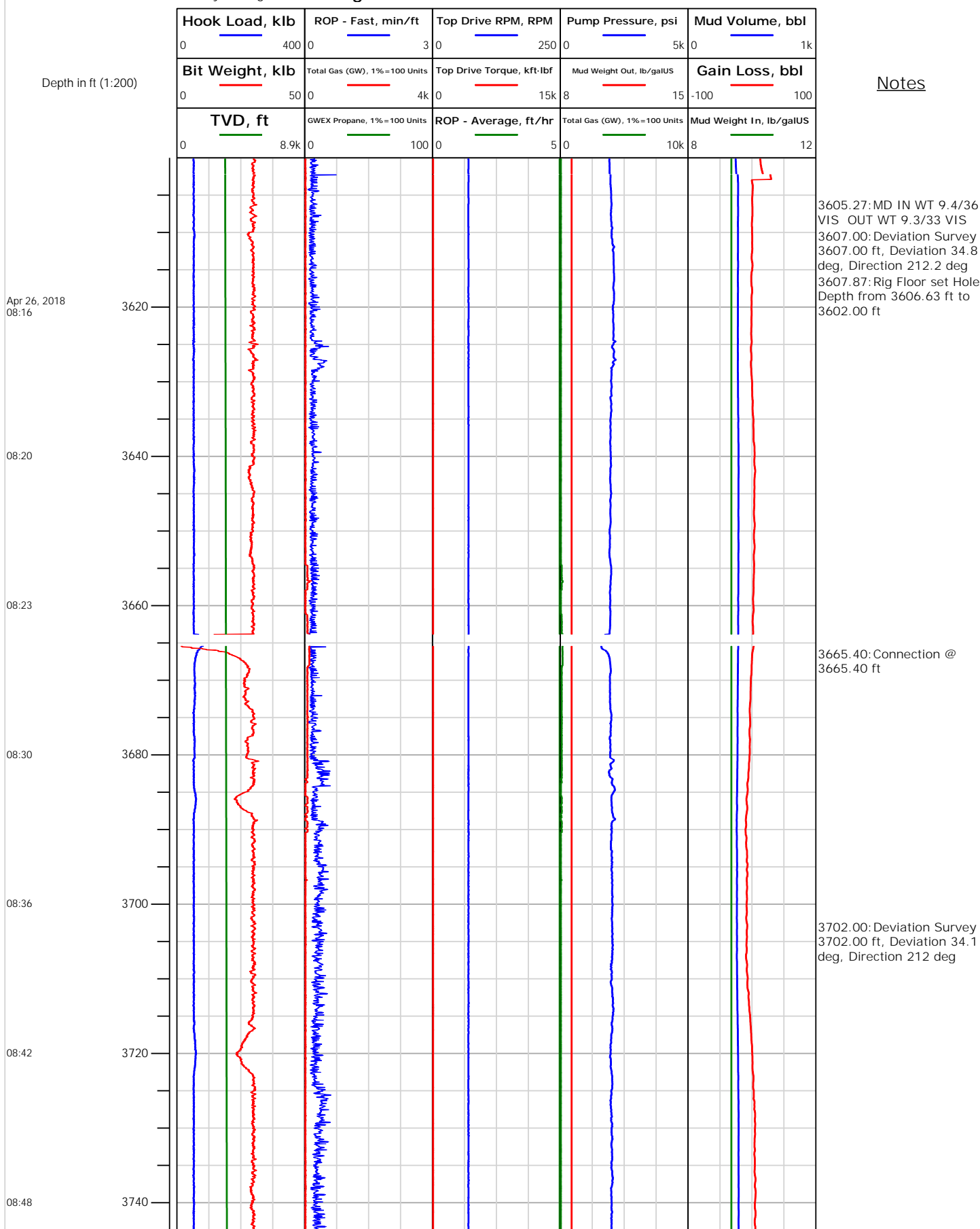
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





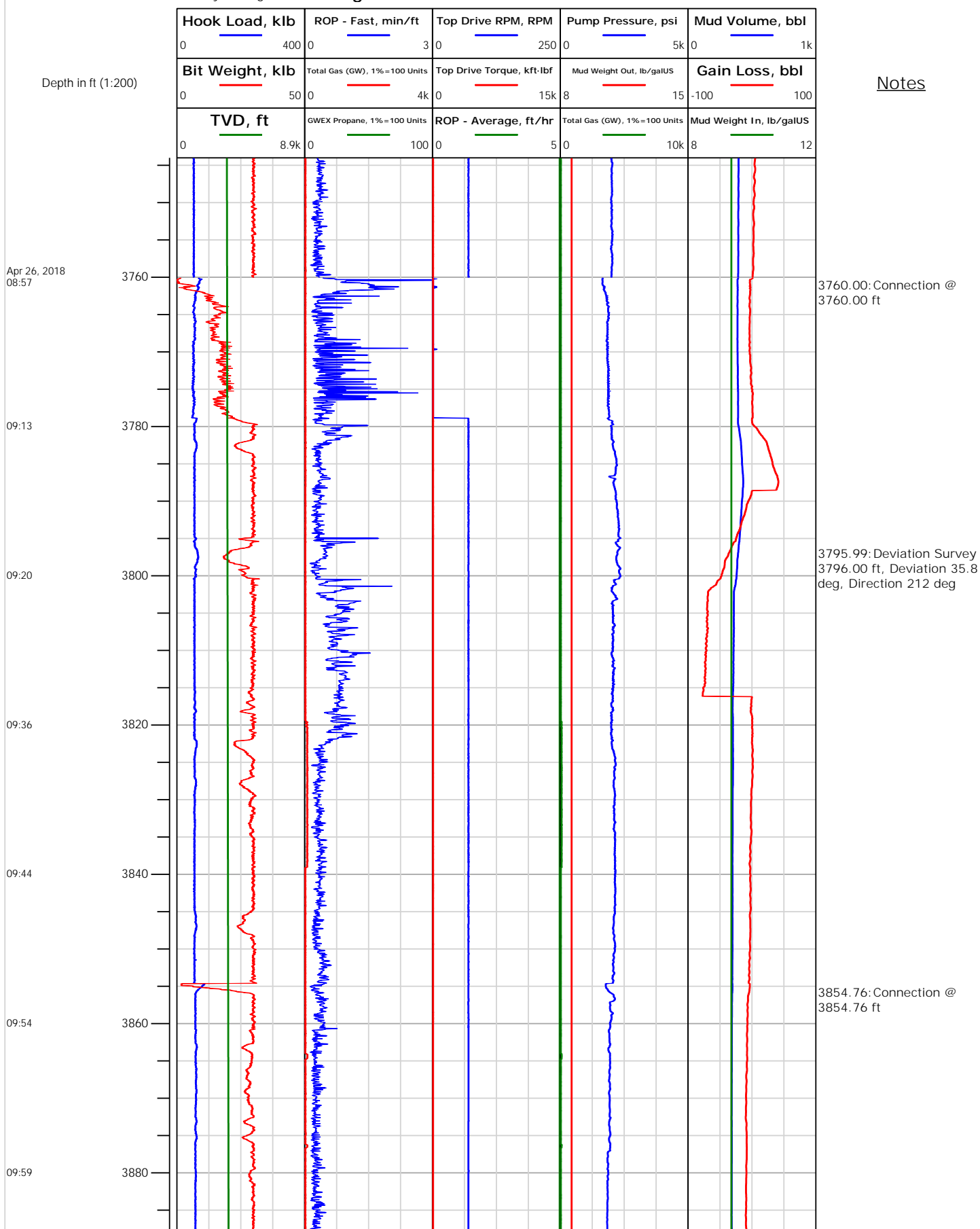
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





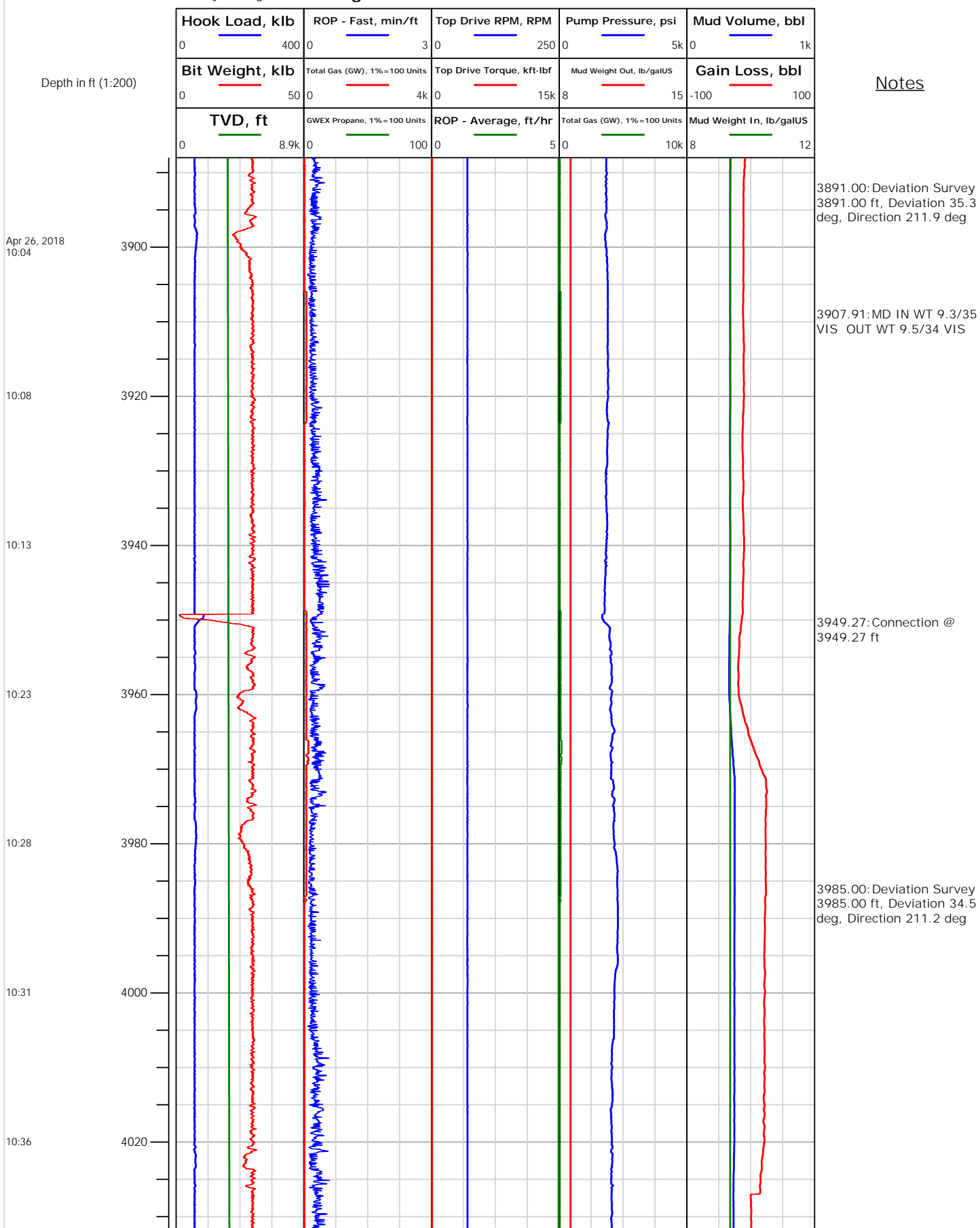
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





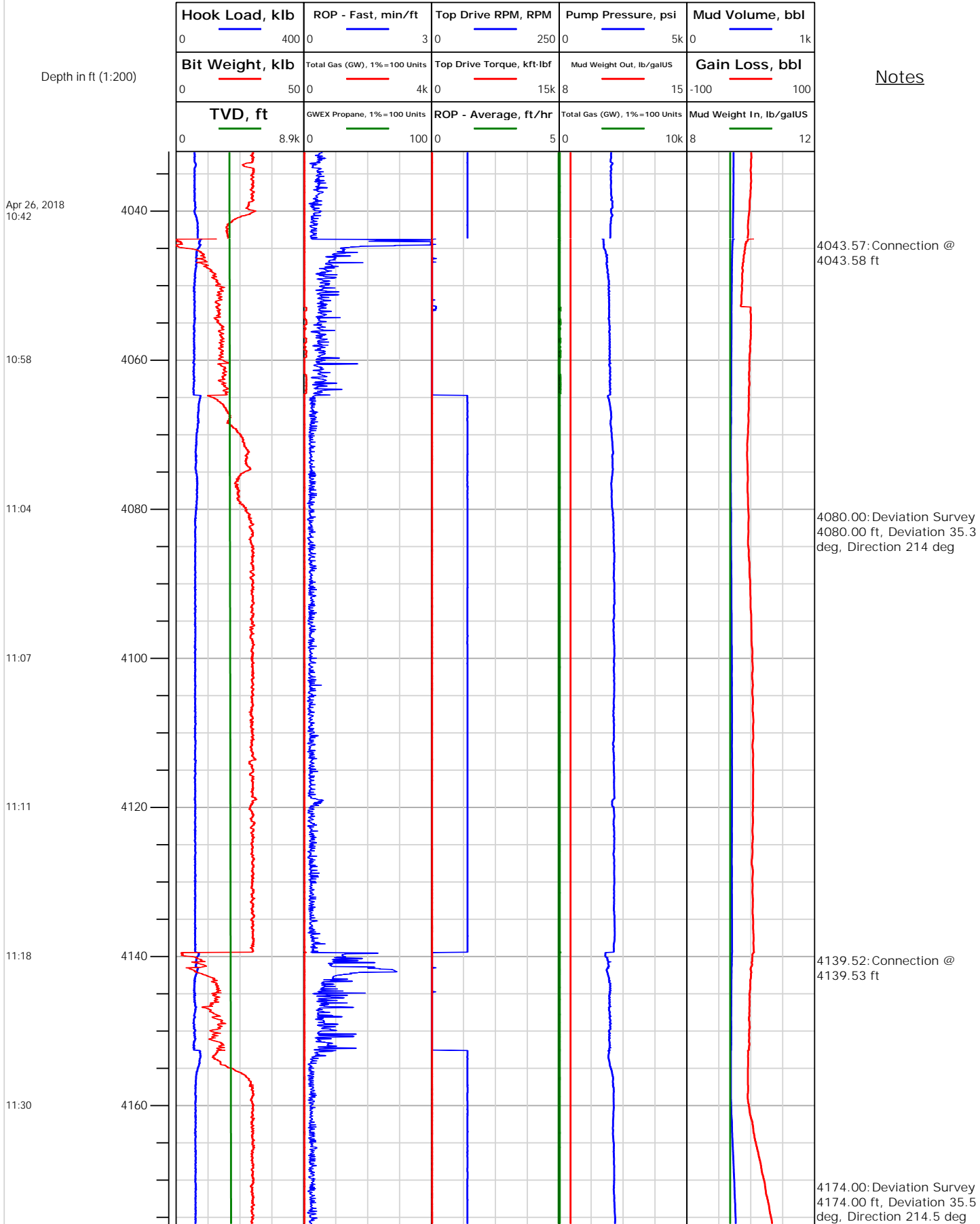
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





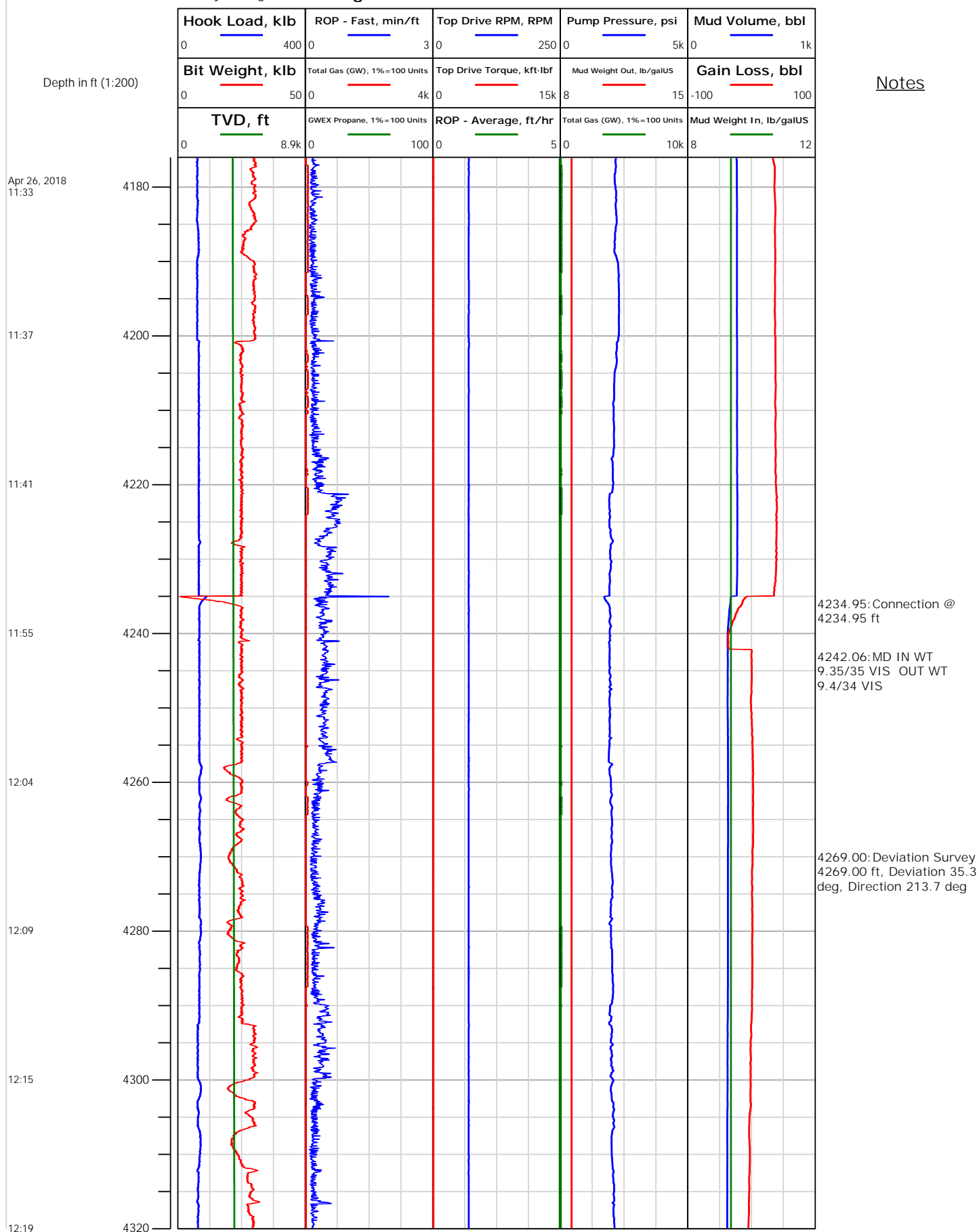
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





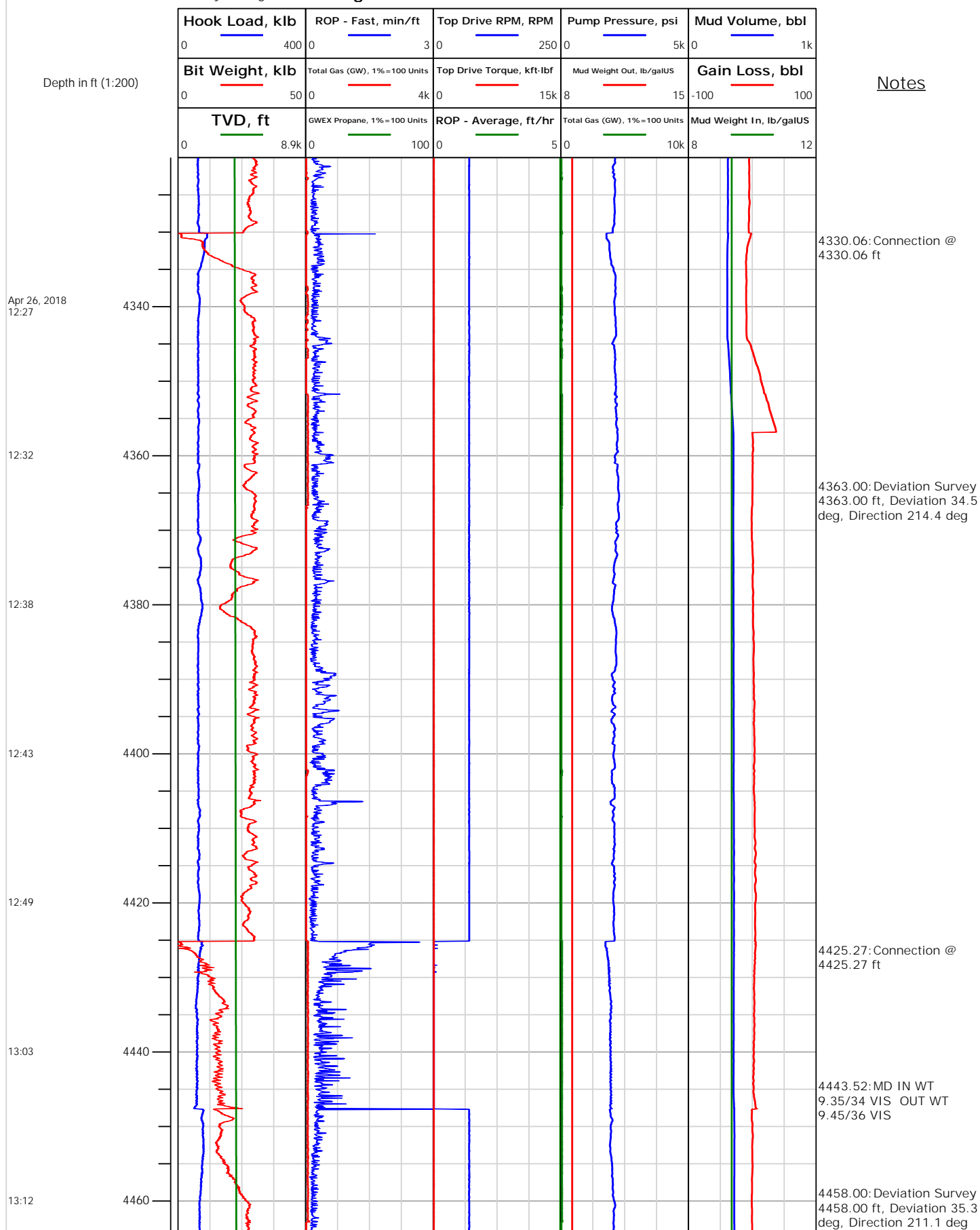
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





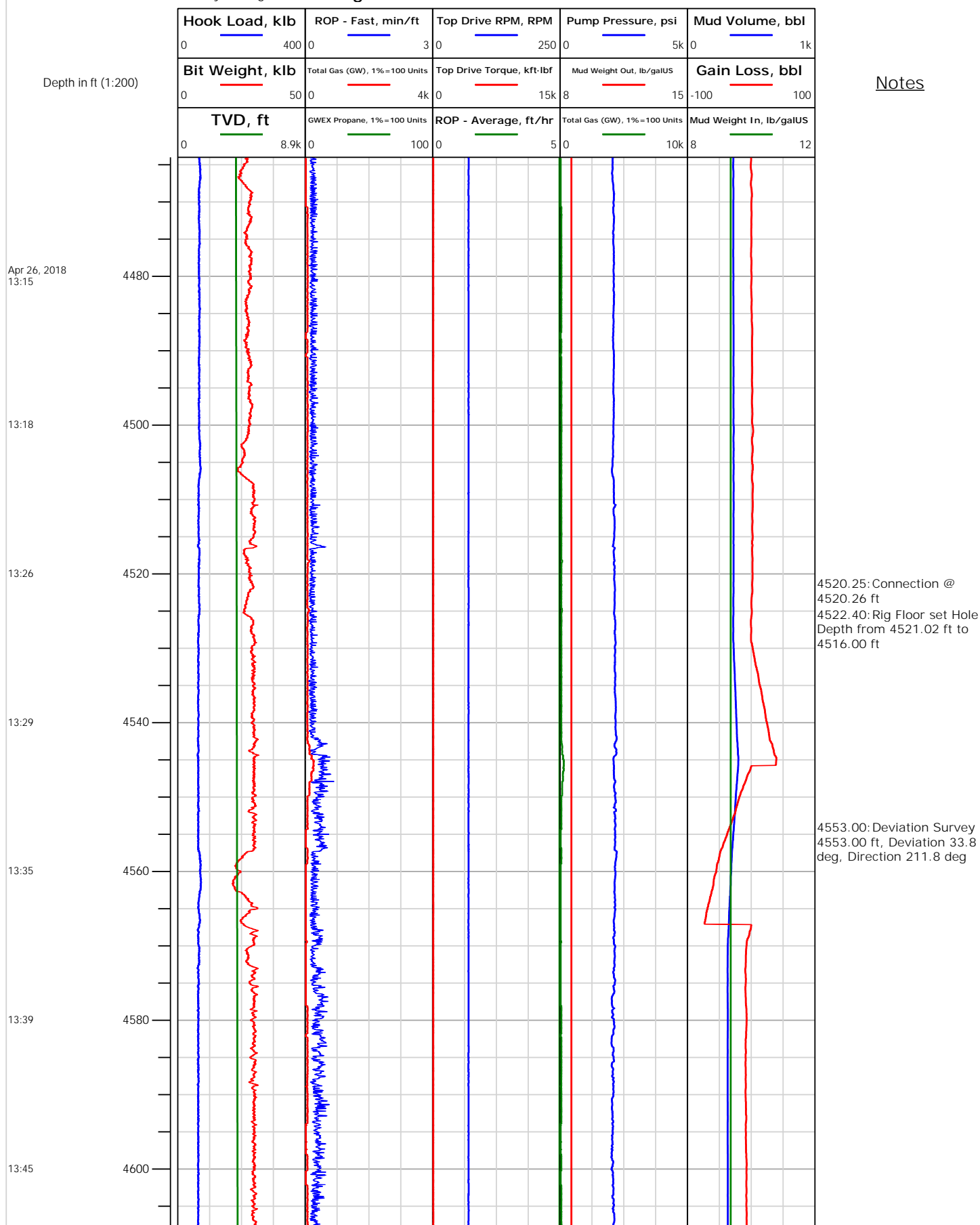
Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





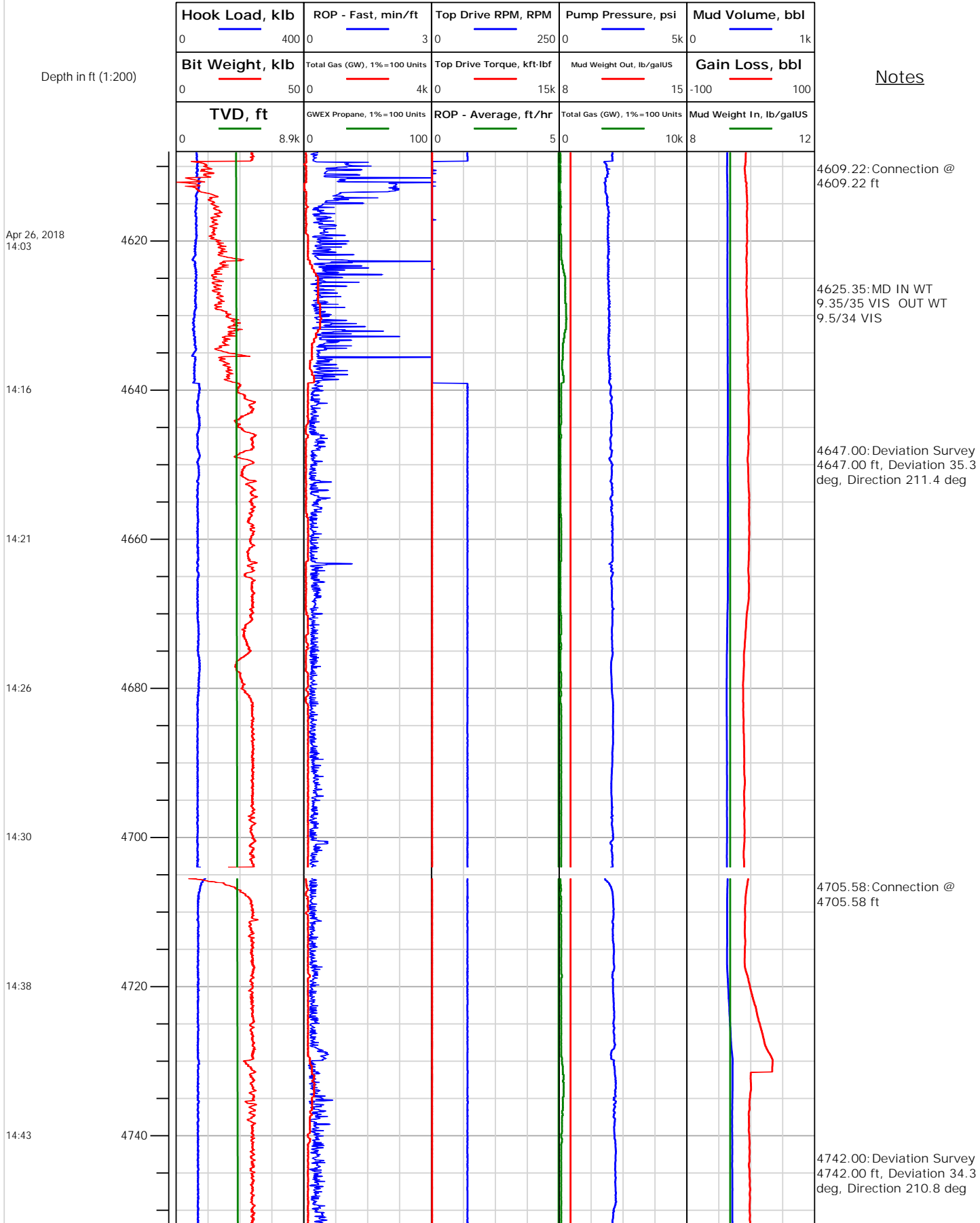
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





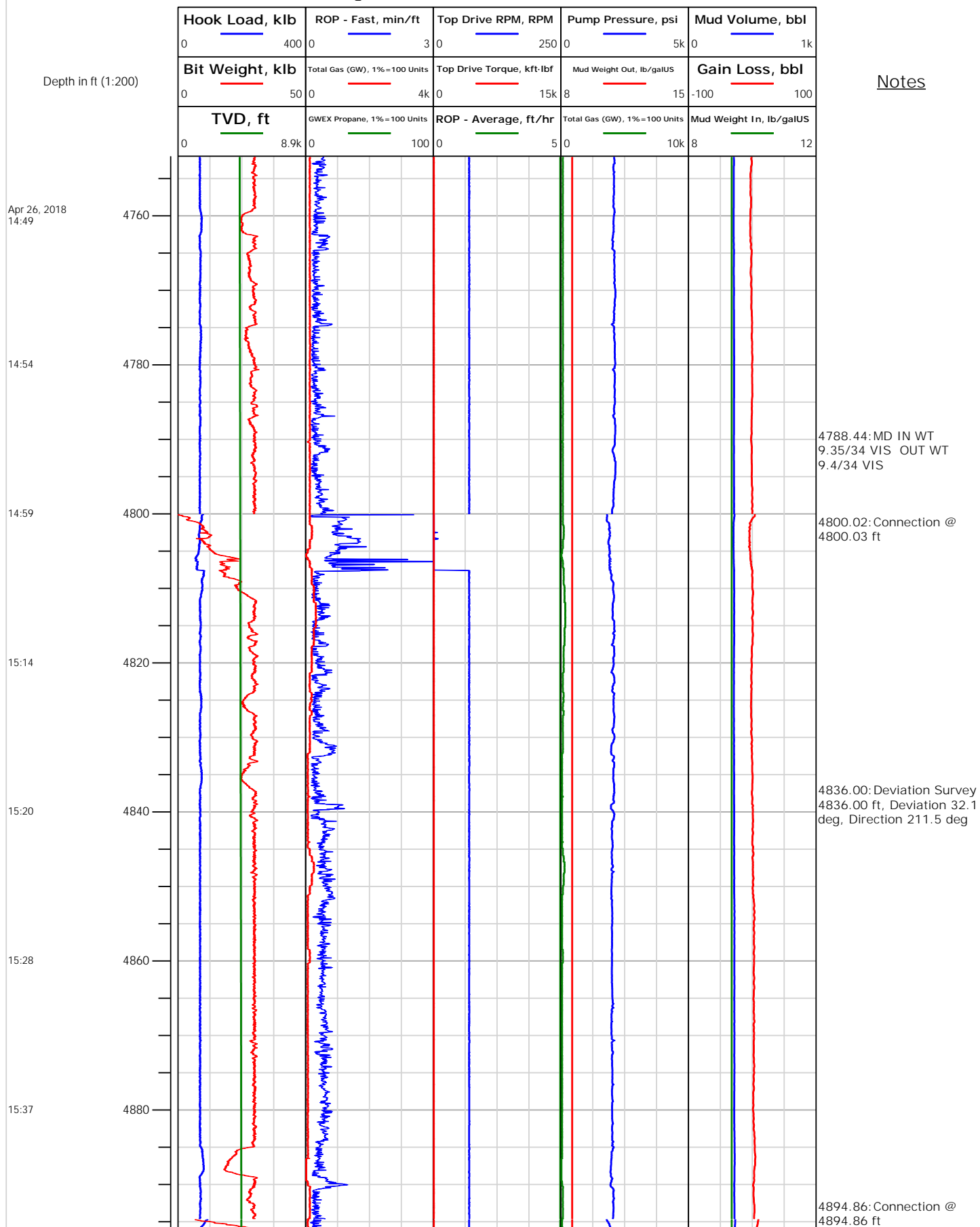
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





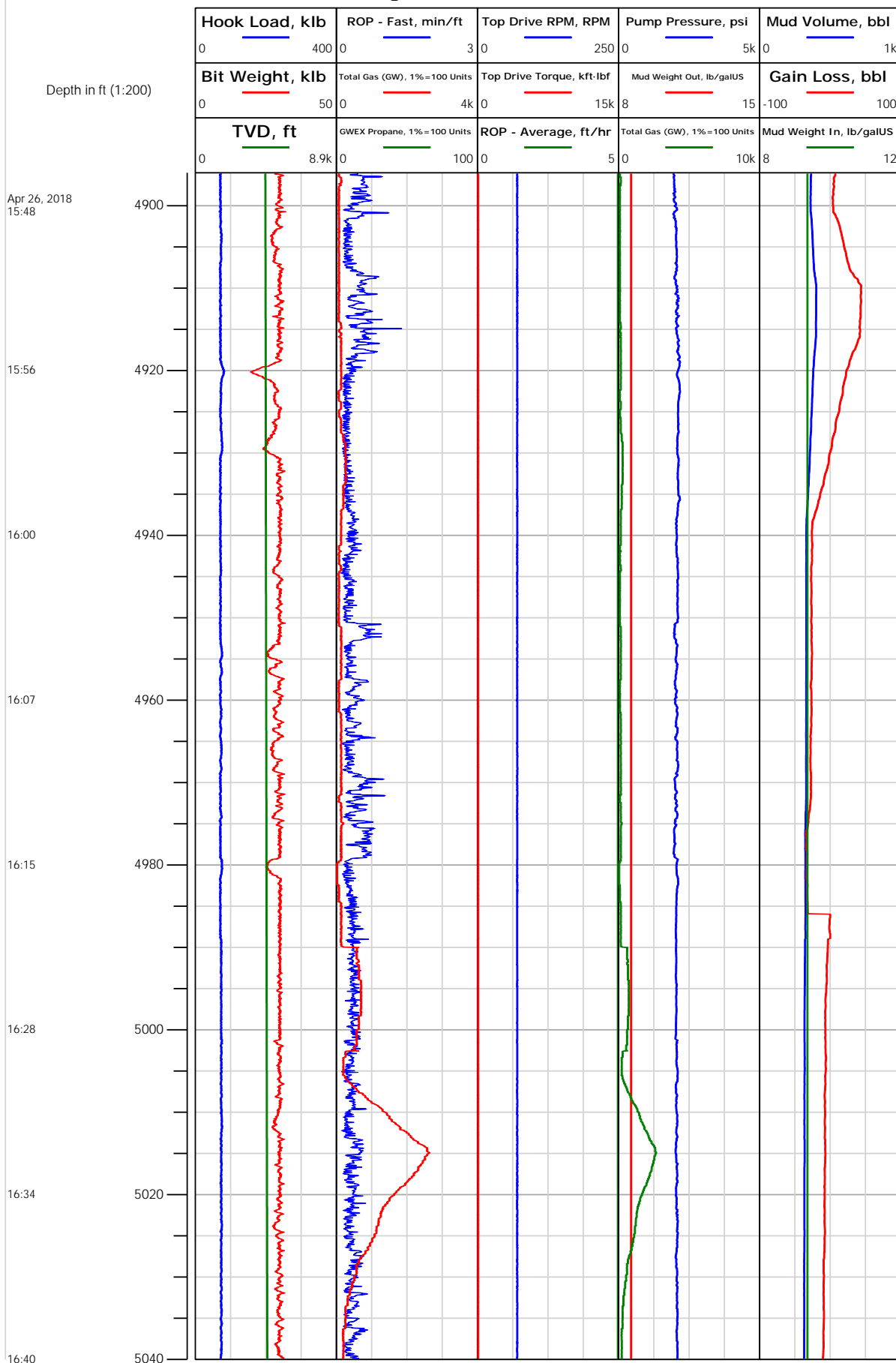
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





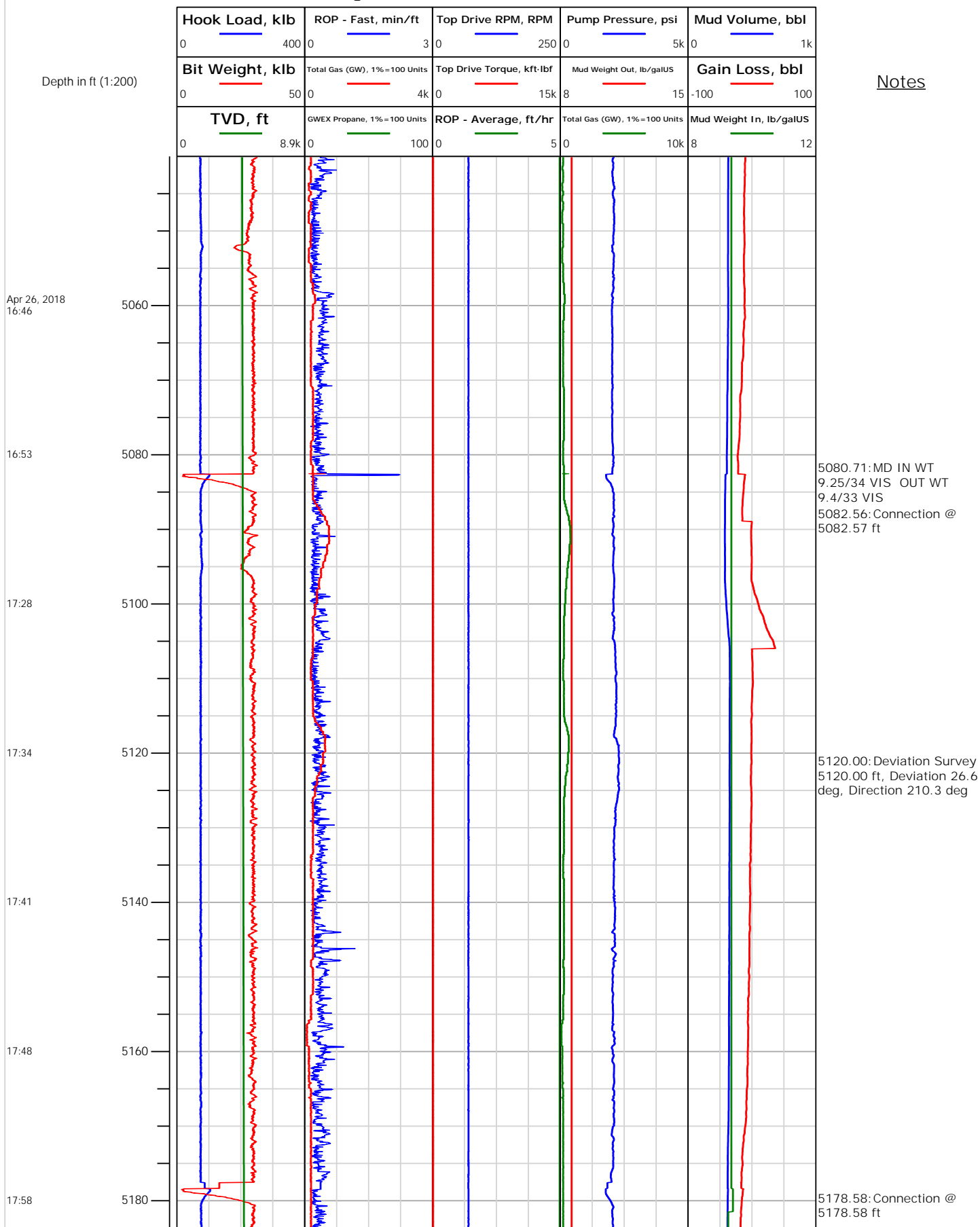
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





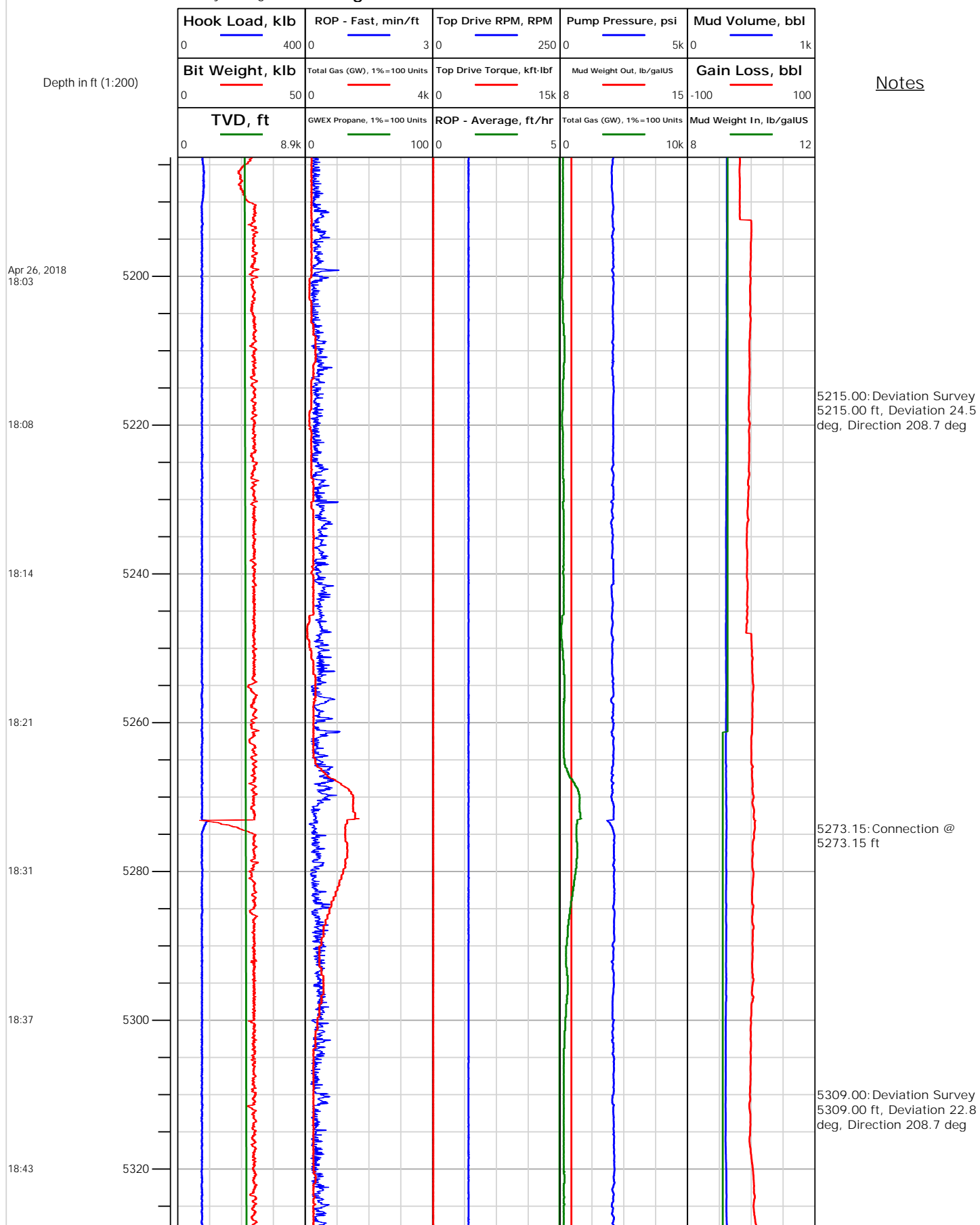
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





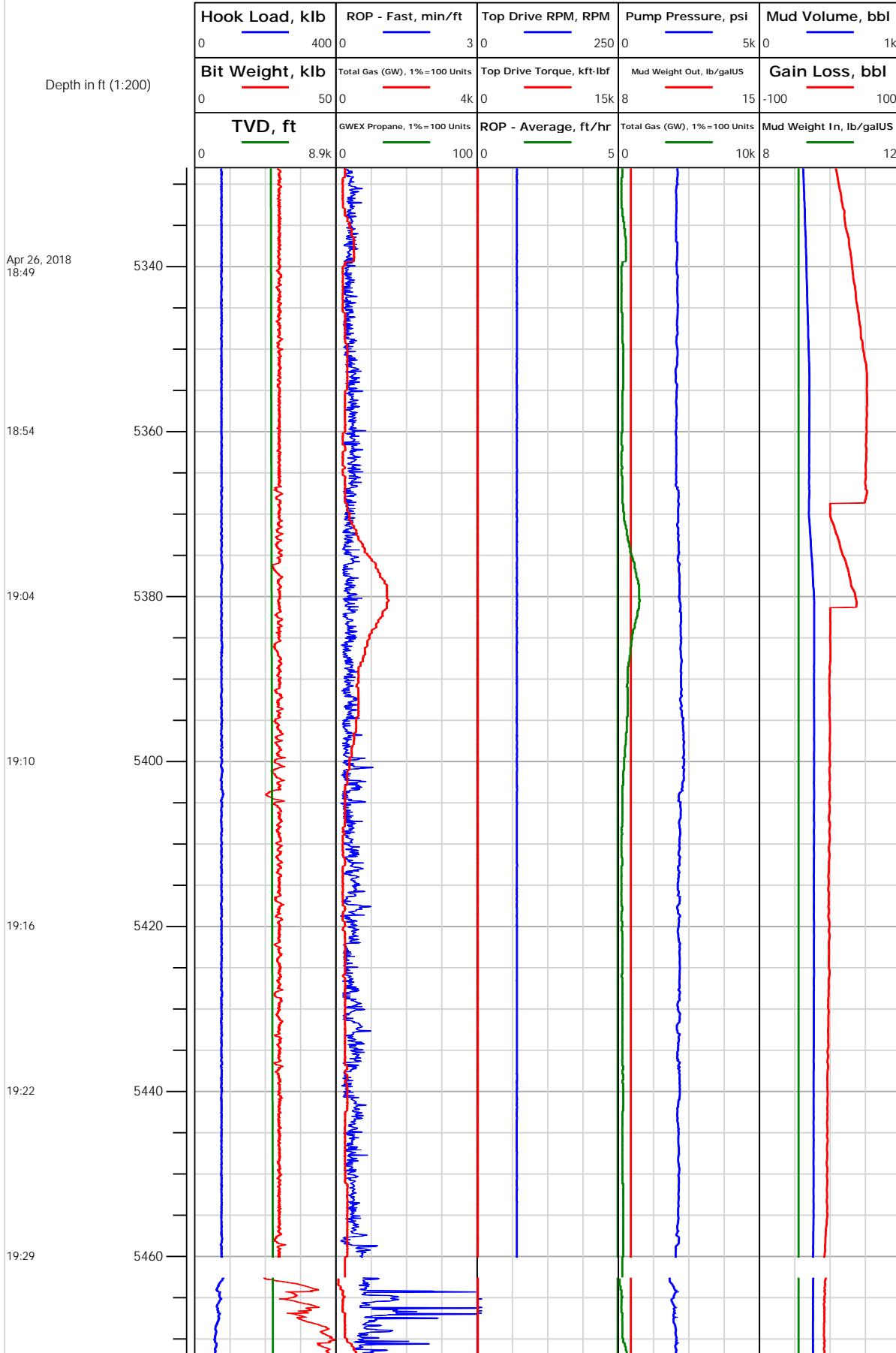
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





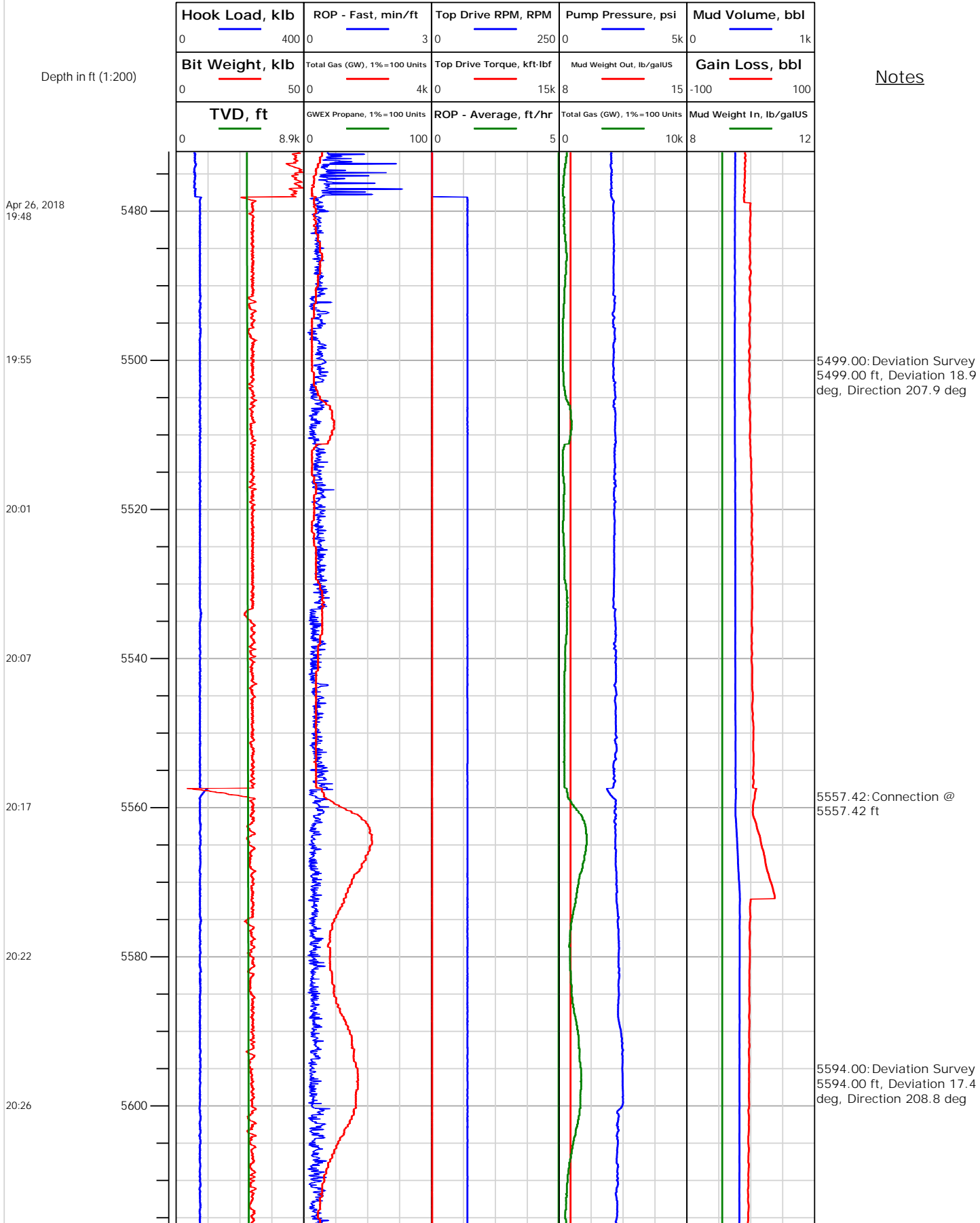
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





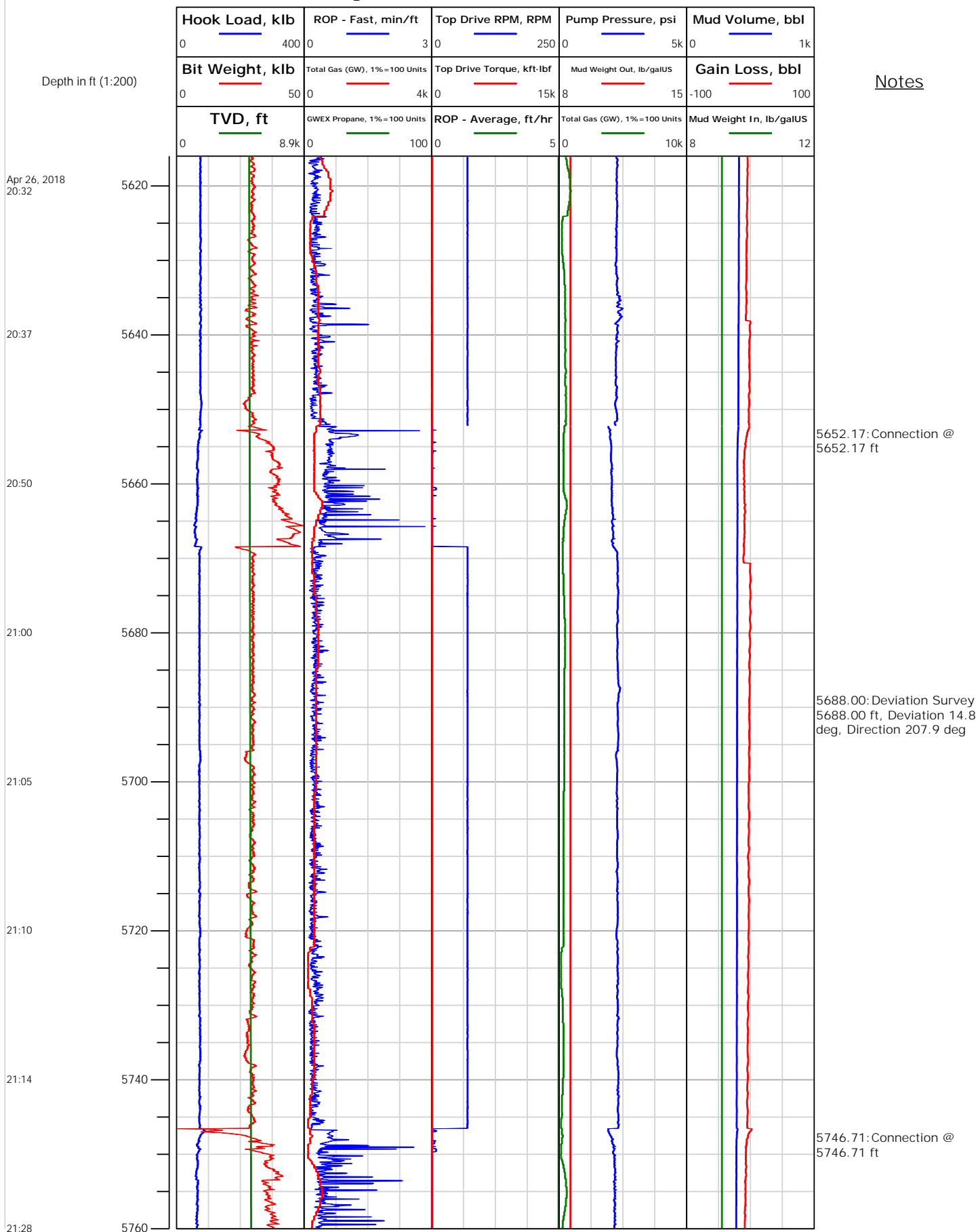
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





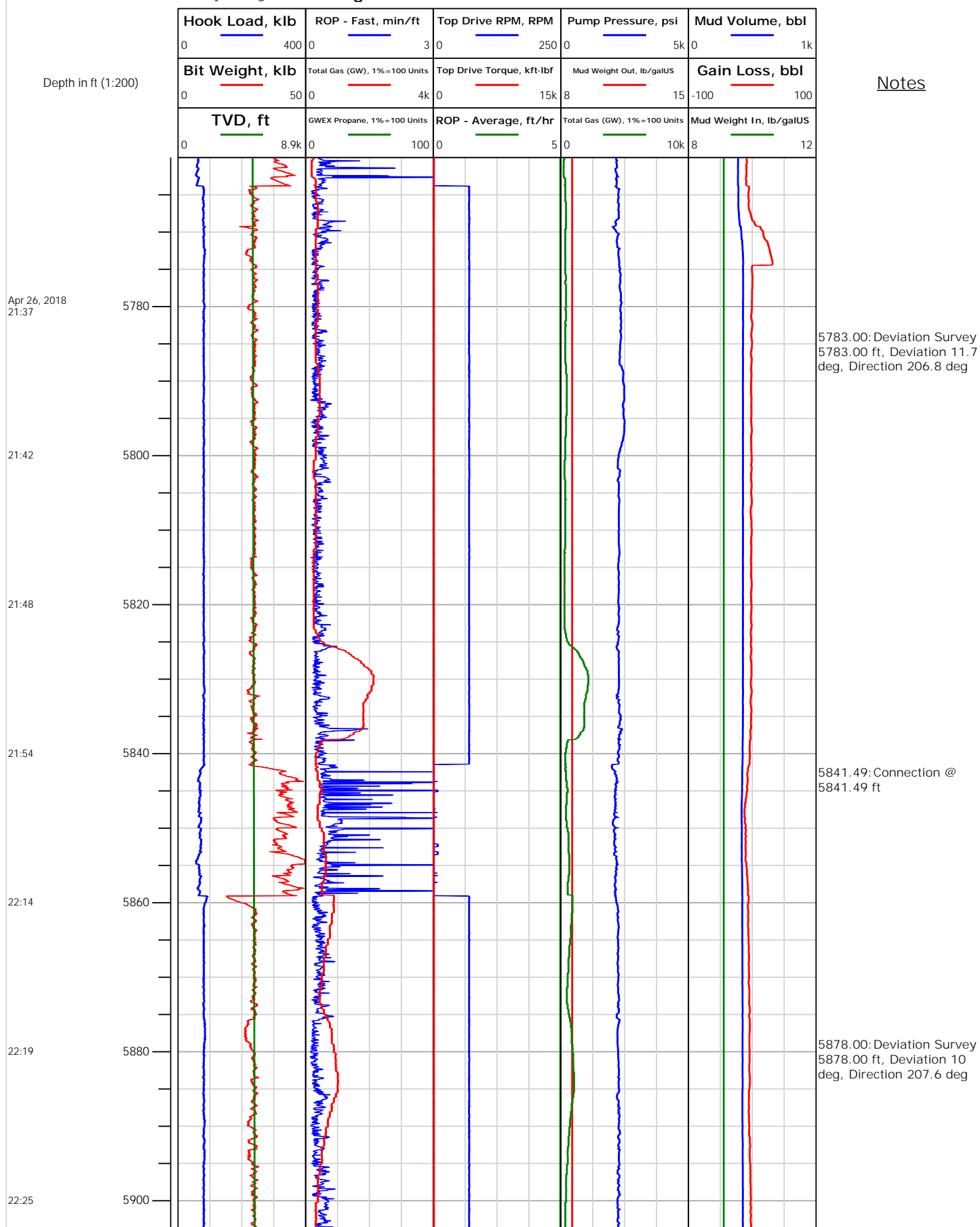
Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





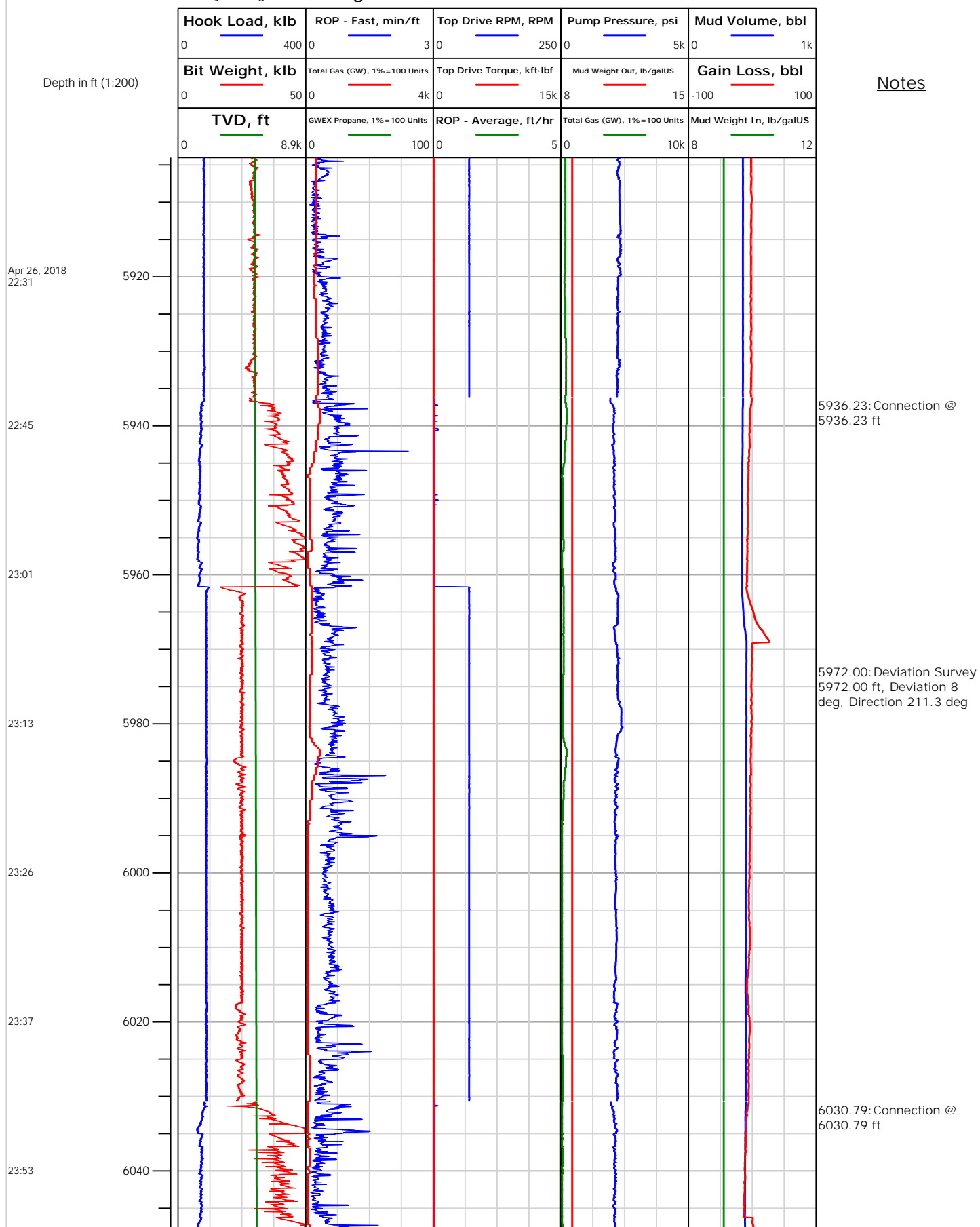
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes

Depth in ft (1:200)

Apr 27, 2018
00:12

00:26

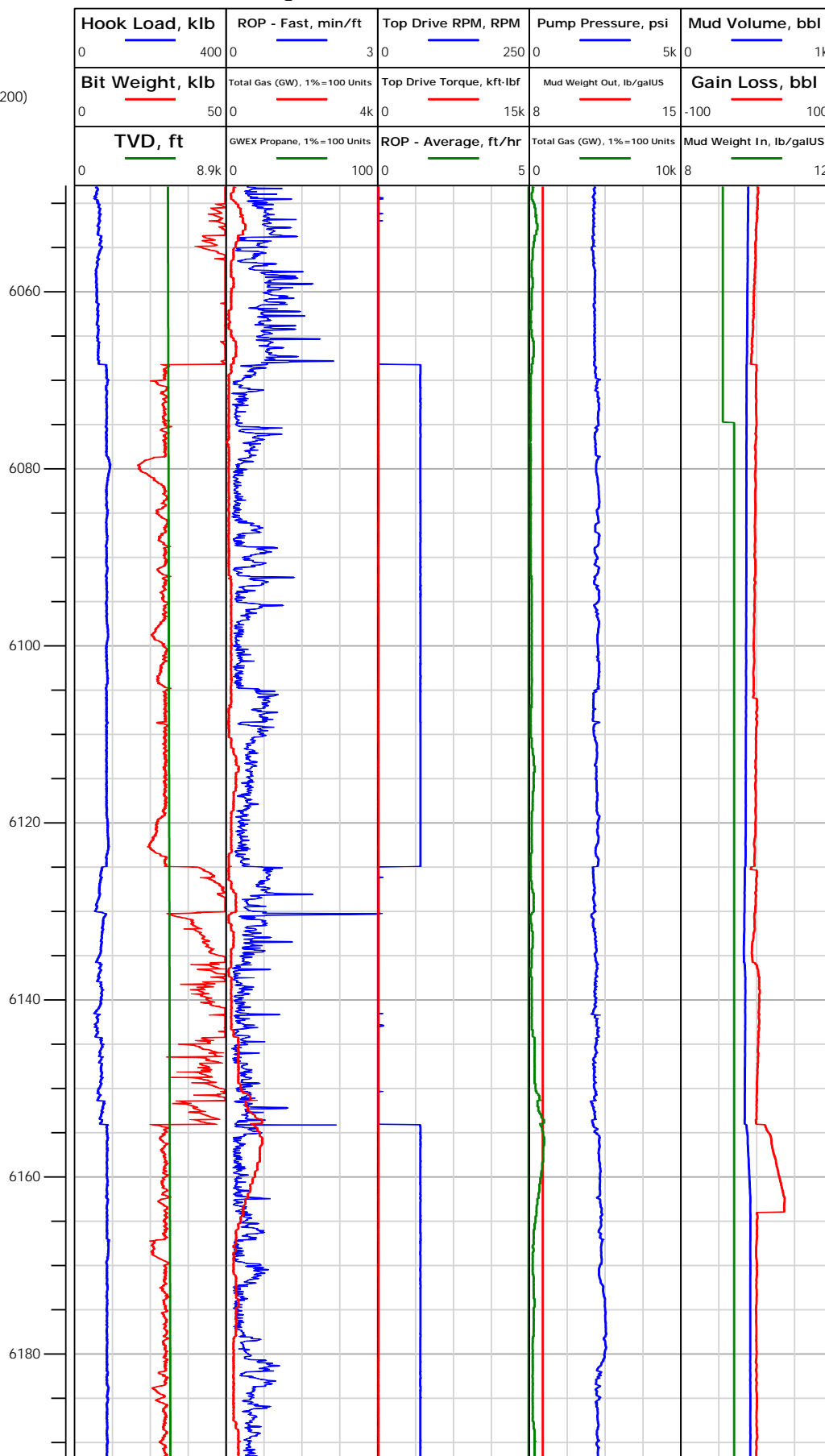
00:33

00:42

01:01

01:16

01:22





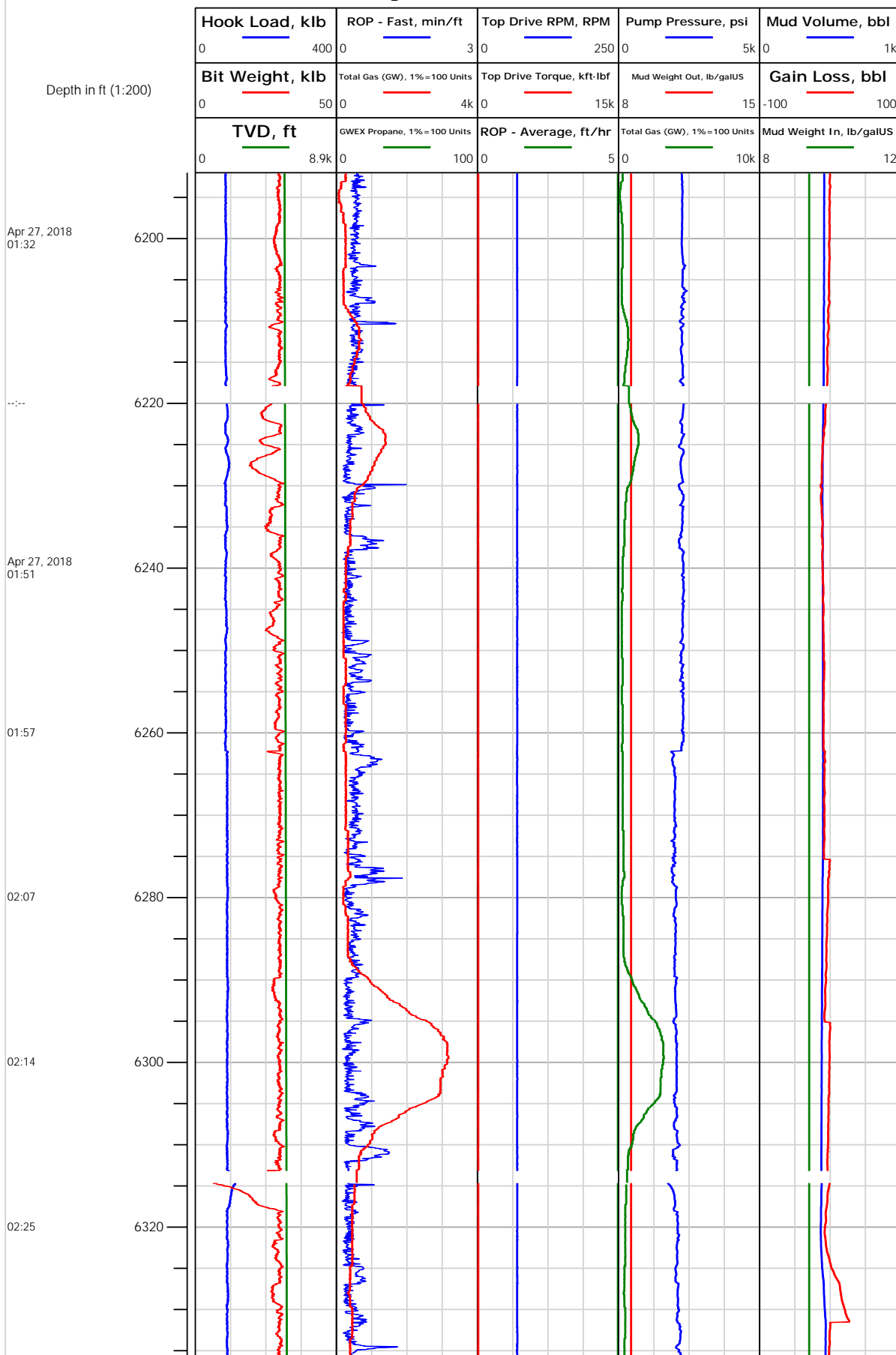
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes



6220.18: Connection @
6220.18 ft
6221.99: Rig Floor set Hole
Depth from 6221.75 ft to
6220.00 ft

6256.00: Deviation Survey
6256.00 ft, Deviation 1.71
deg, Direction 203.68 deg

6314.83: Connection @
6314.83 ft



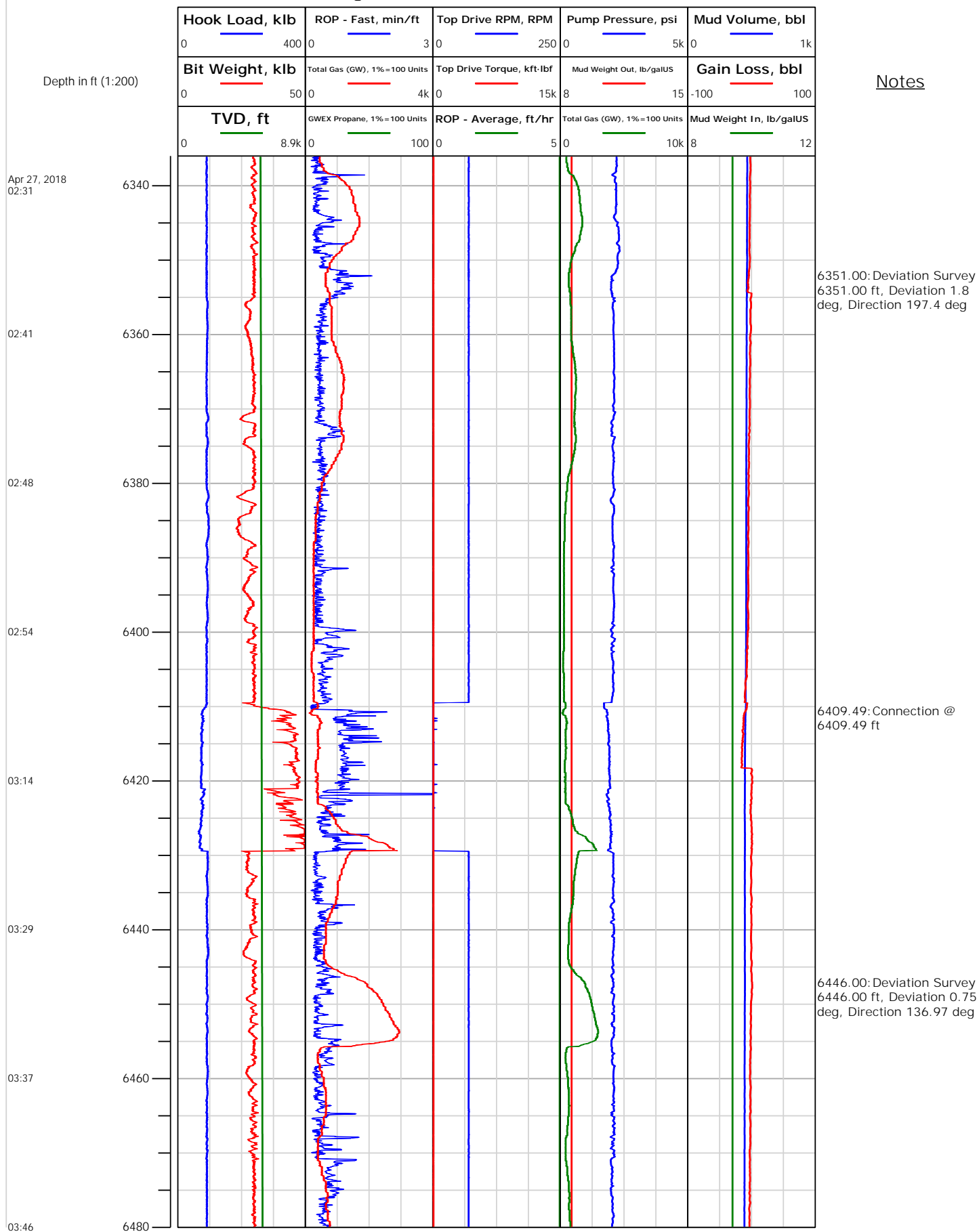
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





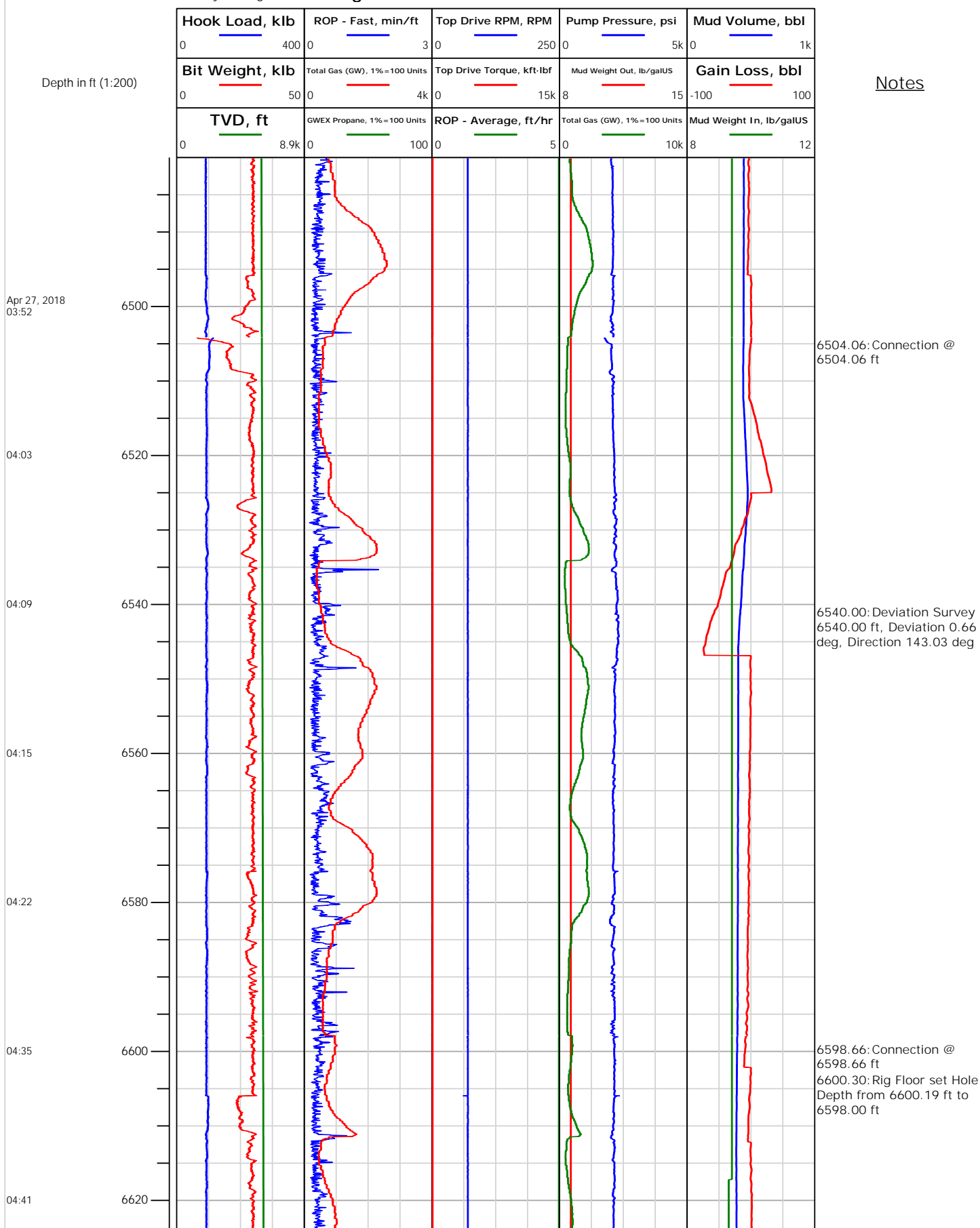
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





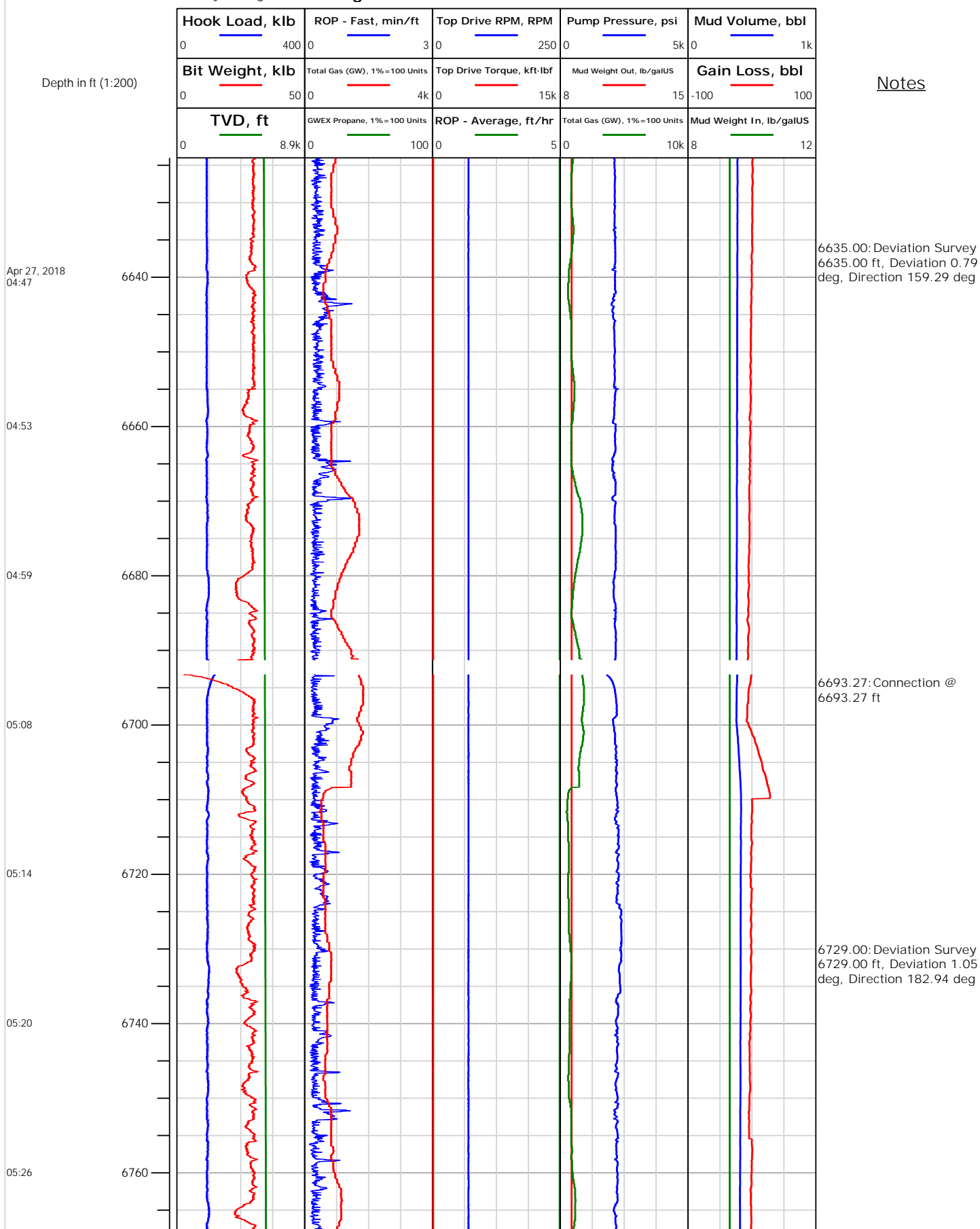
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





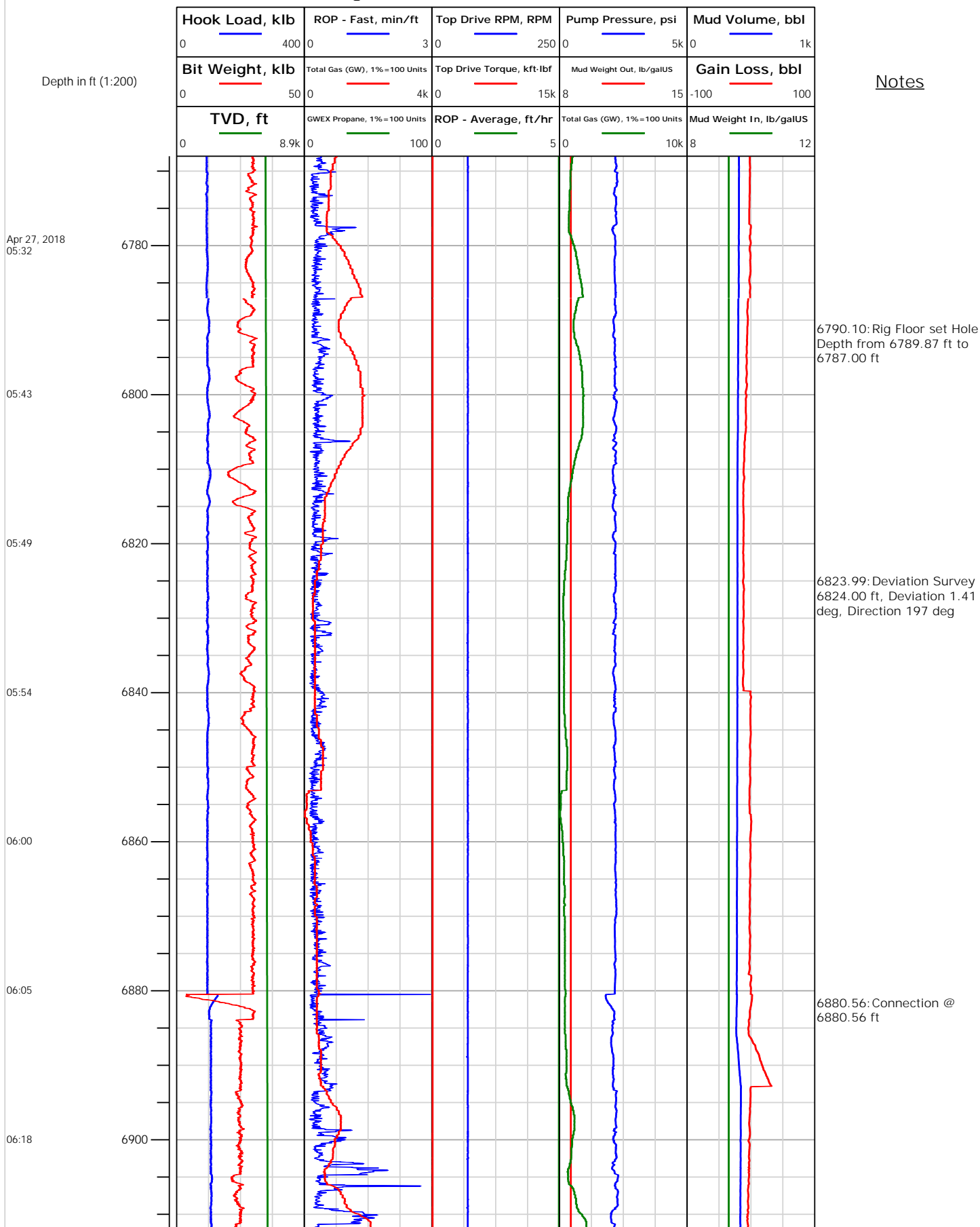
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





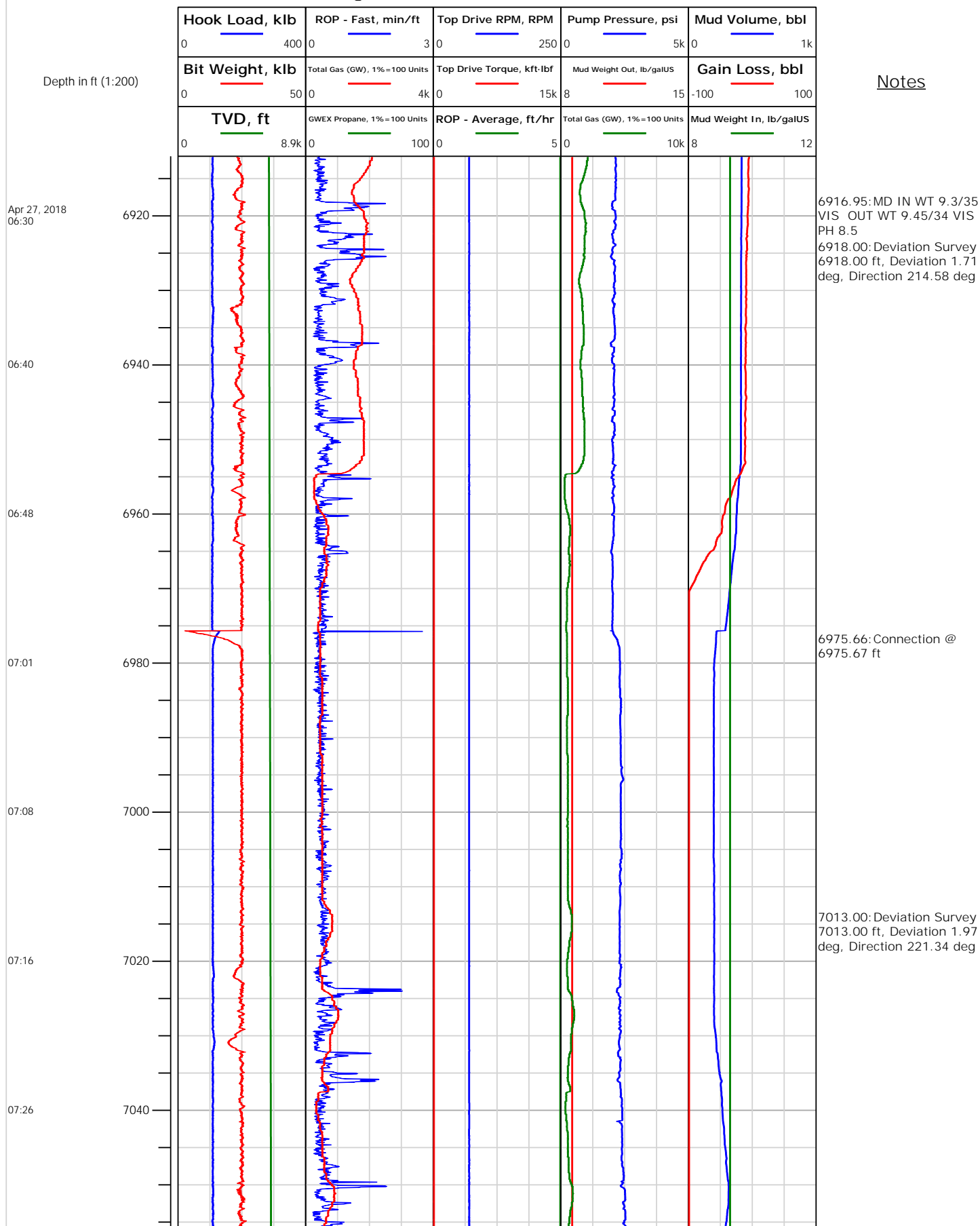
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





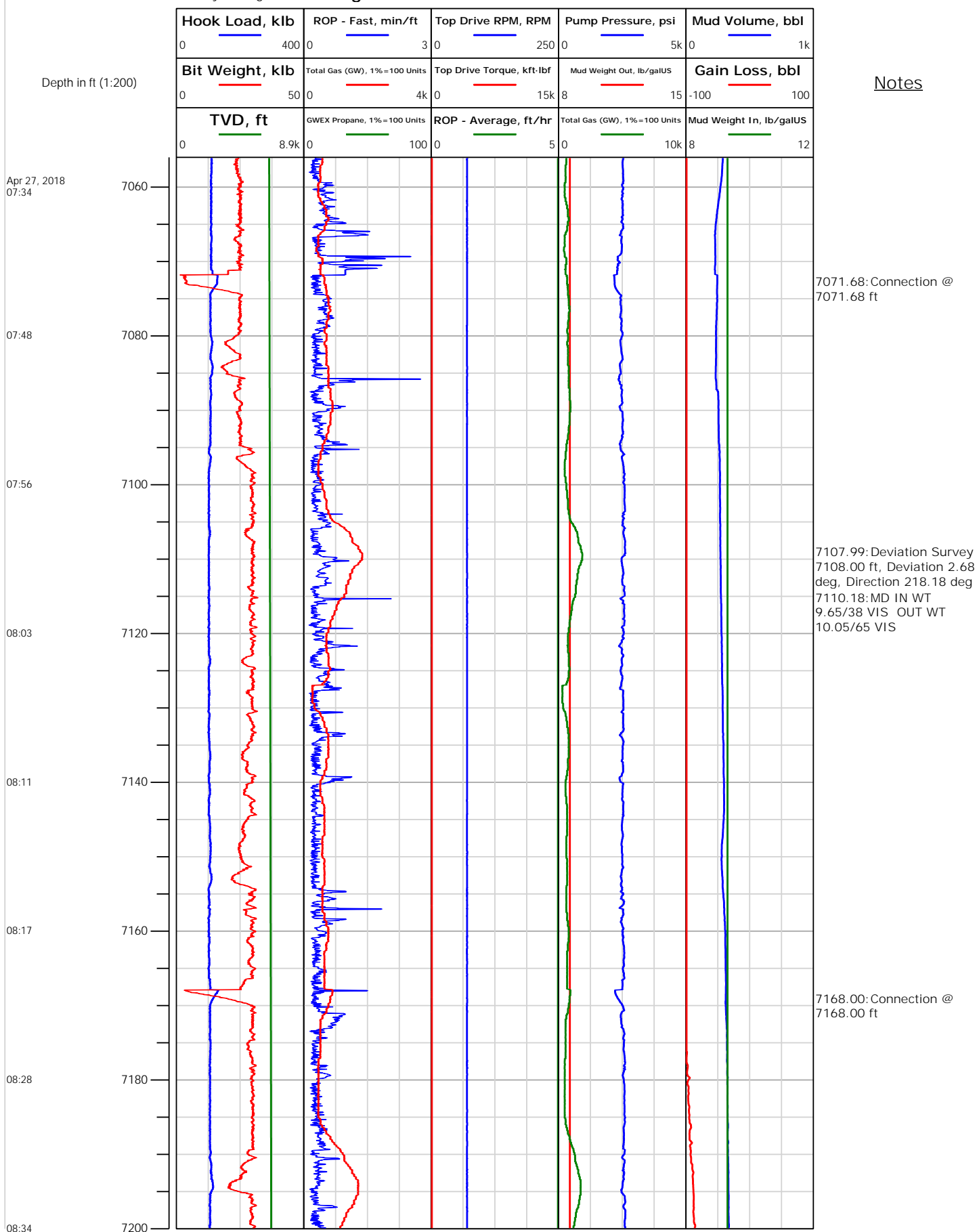
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





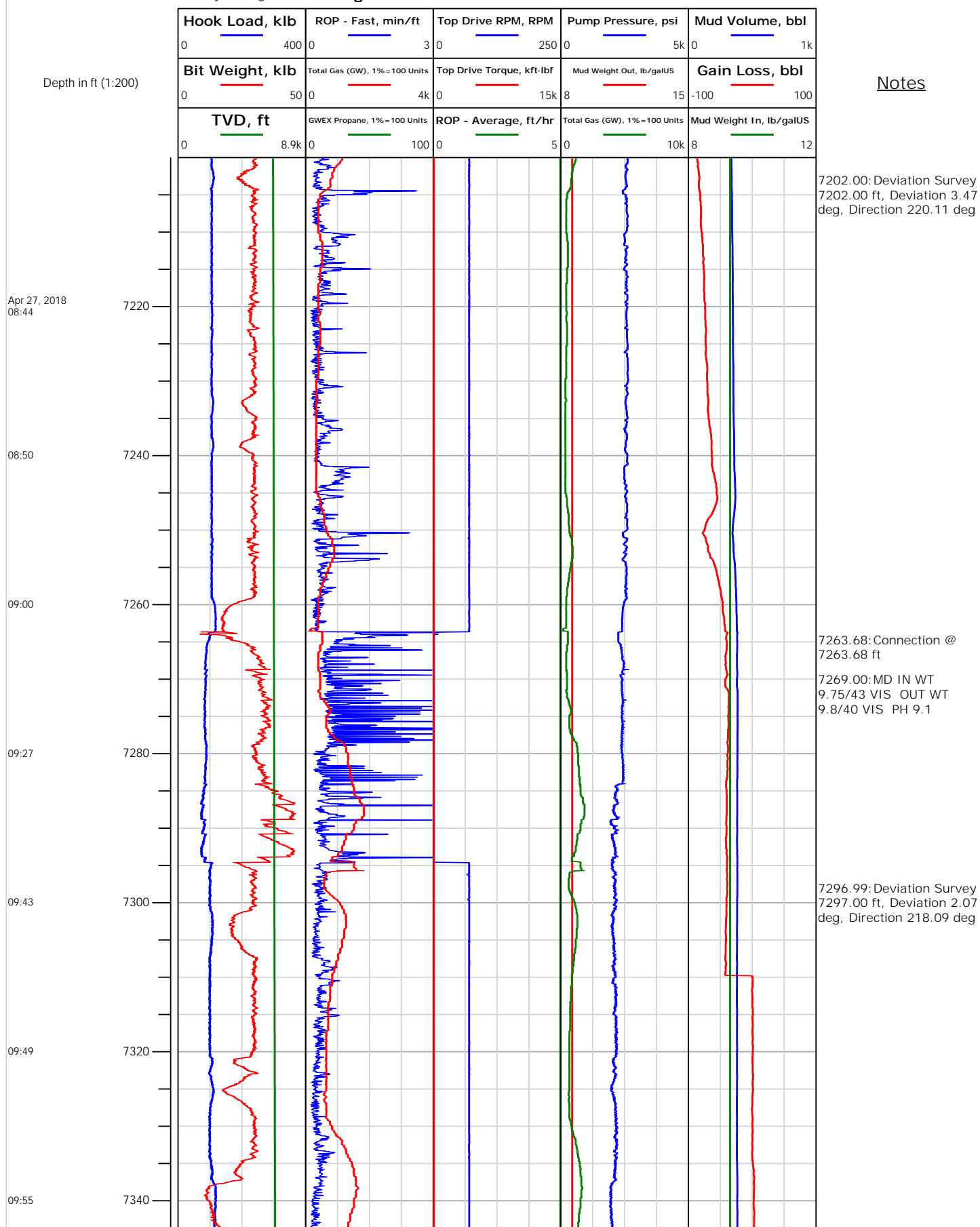
Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





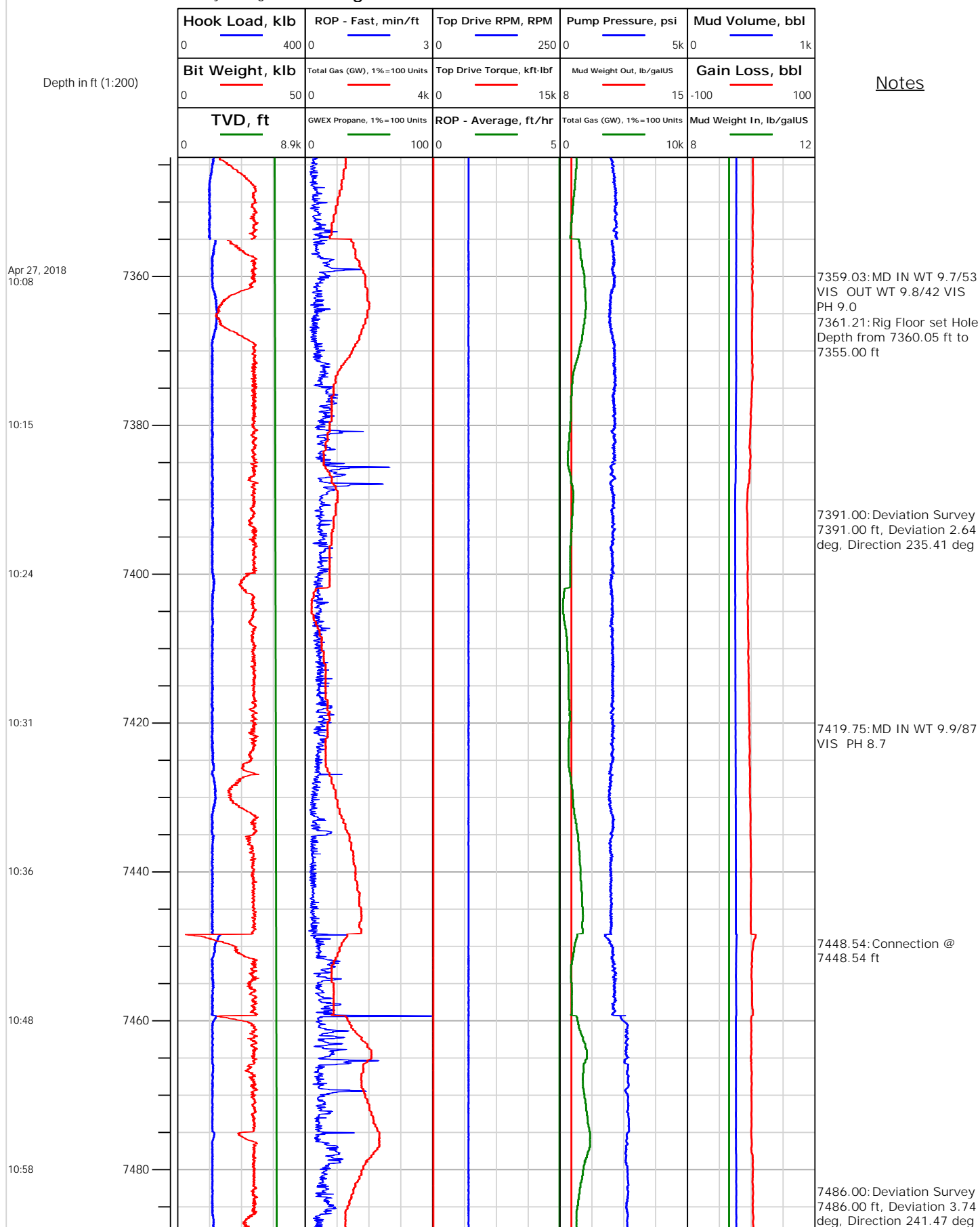
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes

Depth in ft (1:200)

Apr 27, 2018
11:06

11:11

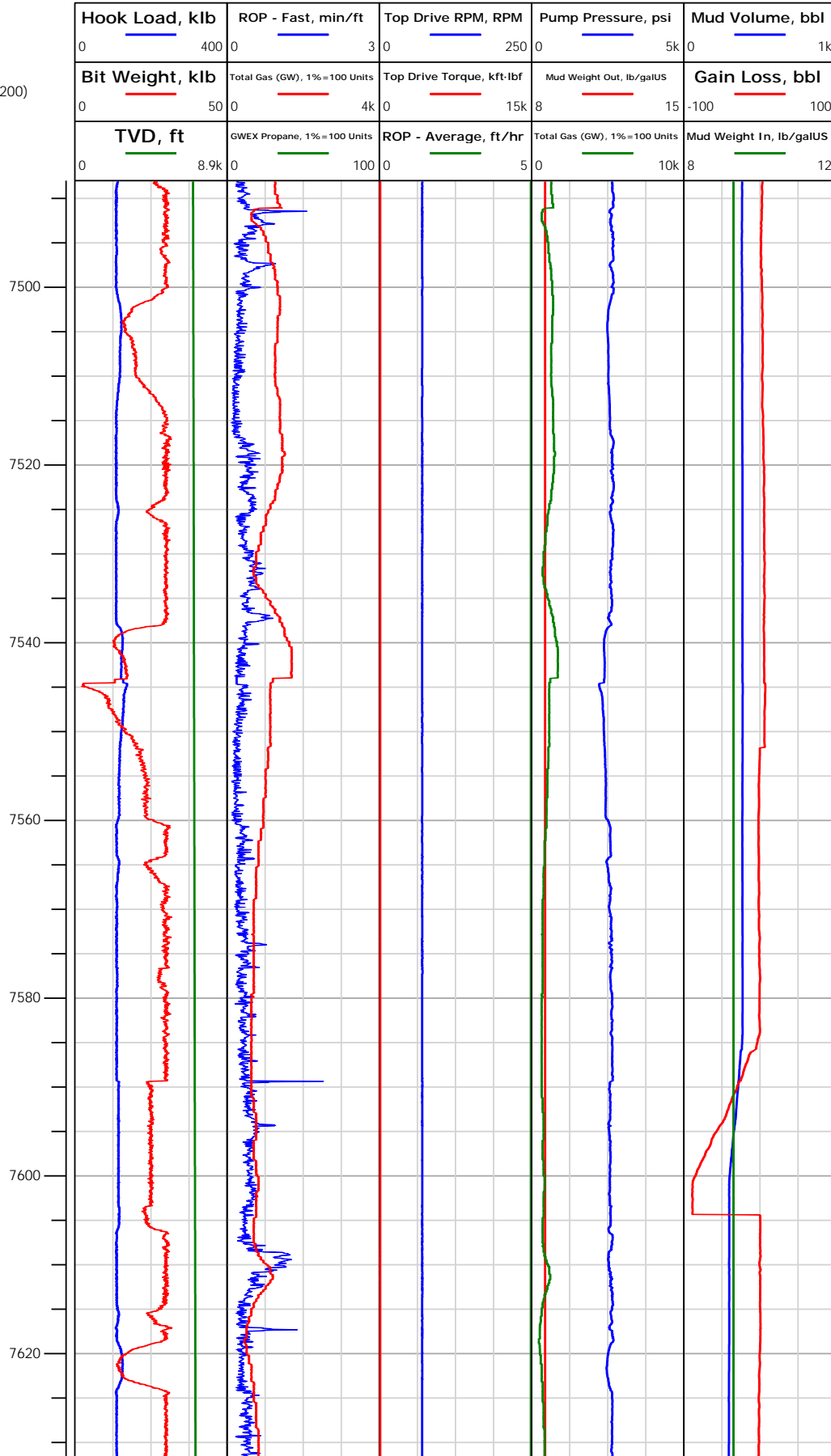
11:19

11:28

11:34

11:42

11:51



7494.12: MD IN WT 9.8/59
VIS OUT WT 9.7/67 VIS
PH 9.4

7544.51: Connection @
7544.52 ft

7580.99: Deviation Survey
7581.00 ft, Deviation 4.04
deg, Direction 240.15 deg
7584.32: TRANSFER FR/
ACTIVE TO SLUG

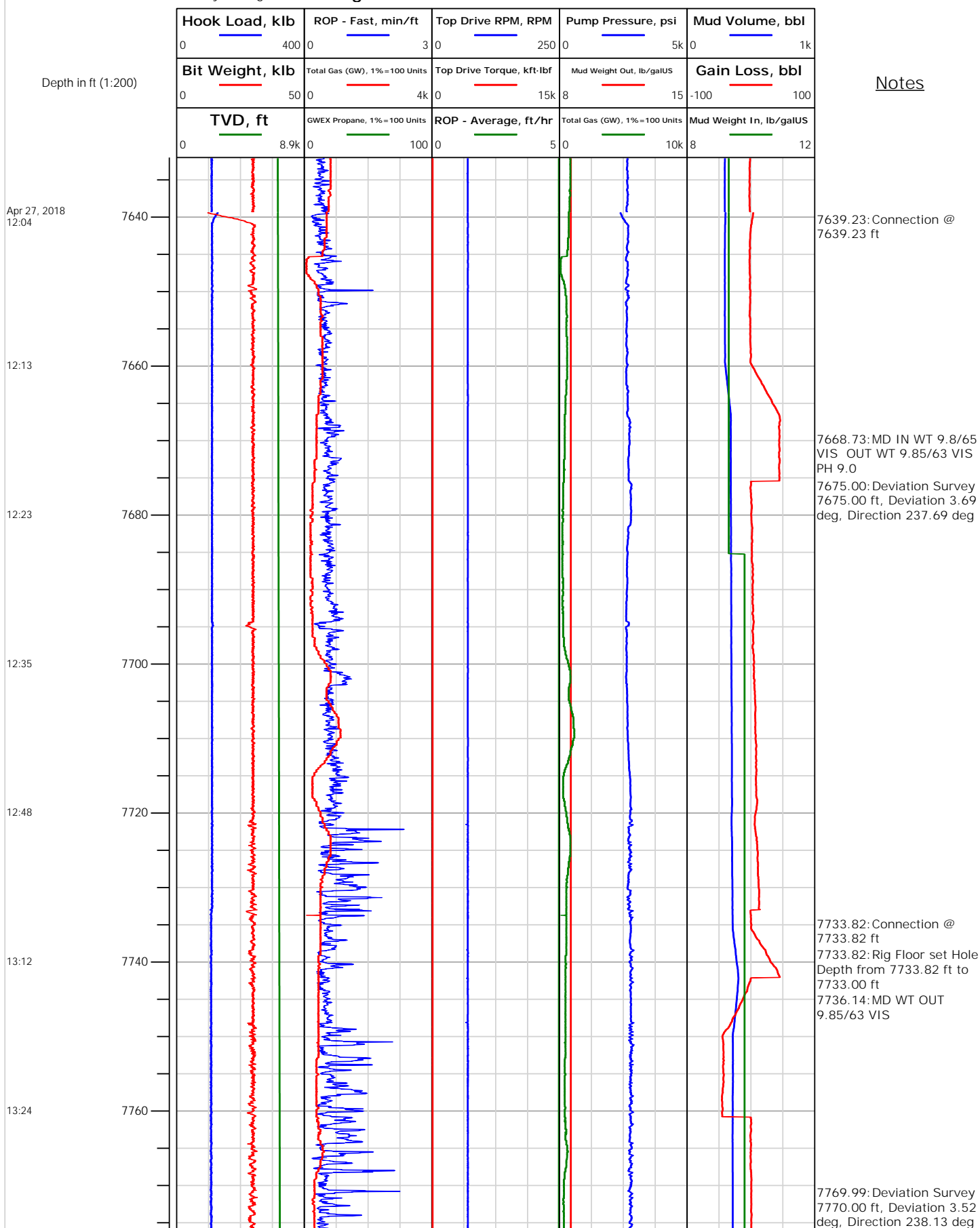


Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-18W
Rig: 290

Location: SE/NW Sec24

Notes

