



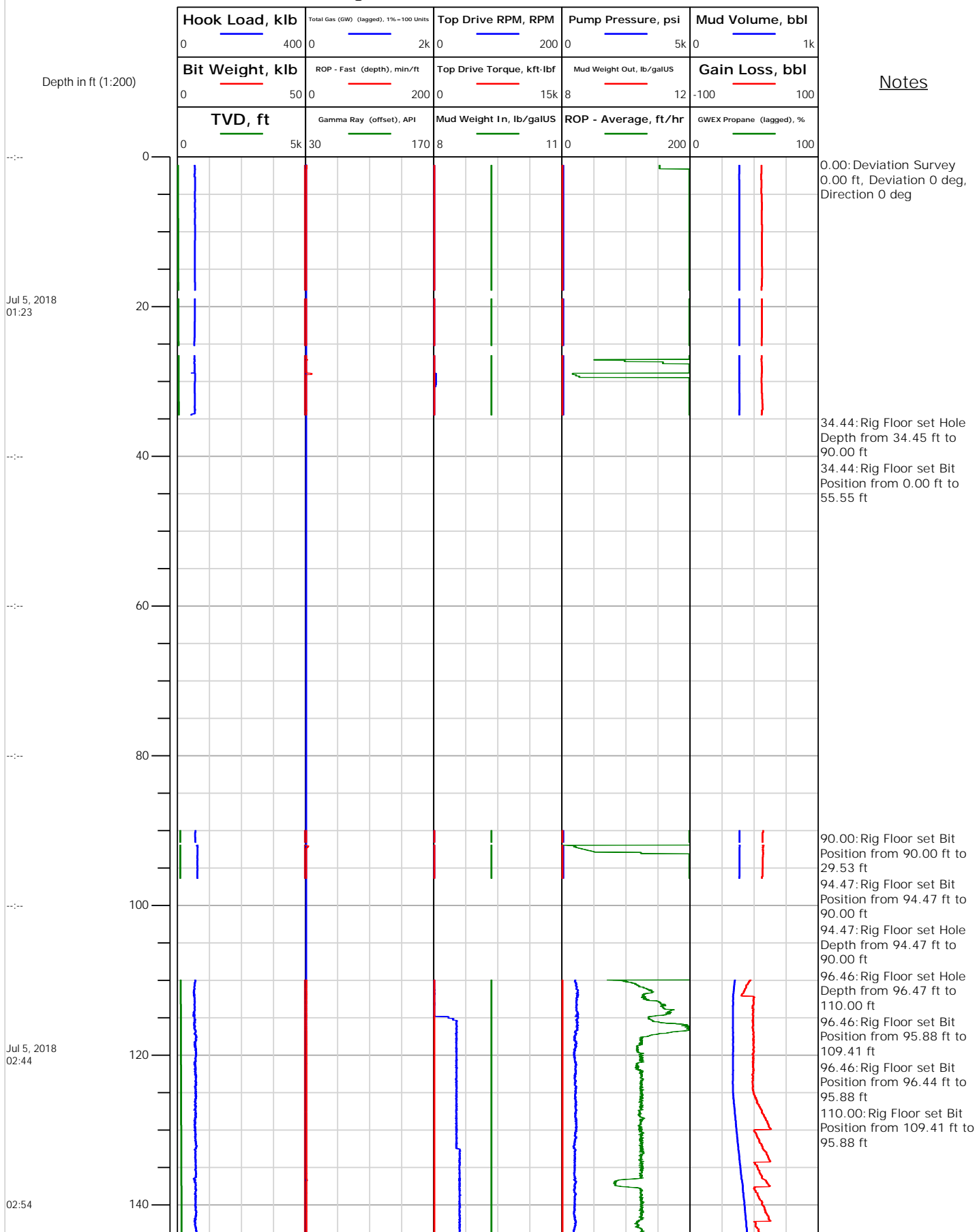
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes

Depth in ft (1:200)

Jul 5, 2018
03:04

03:14

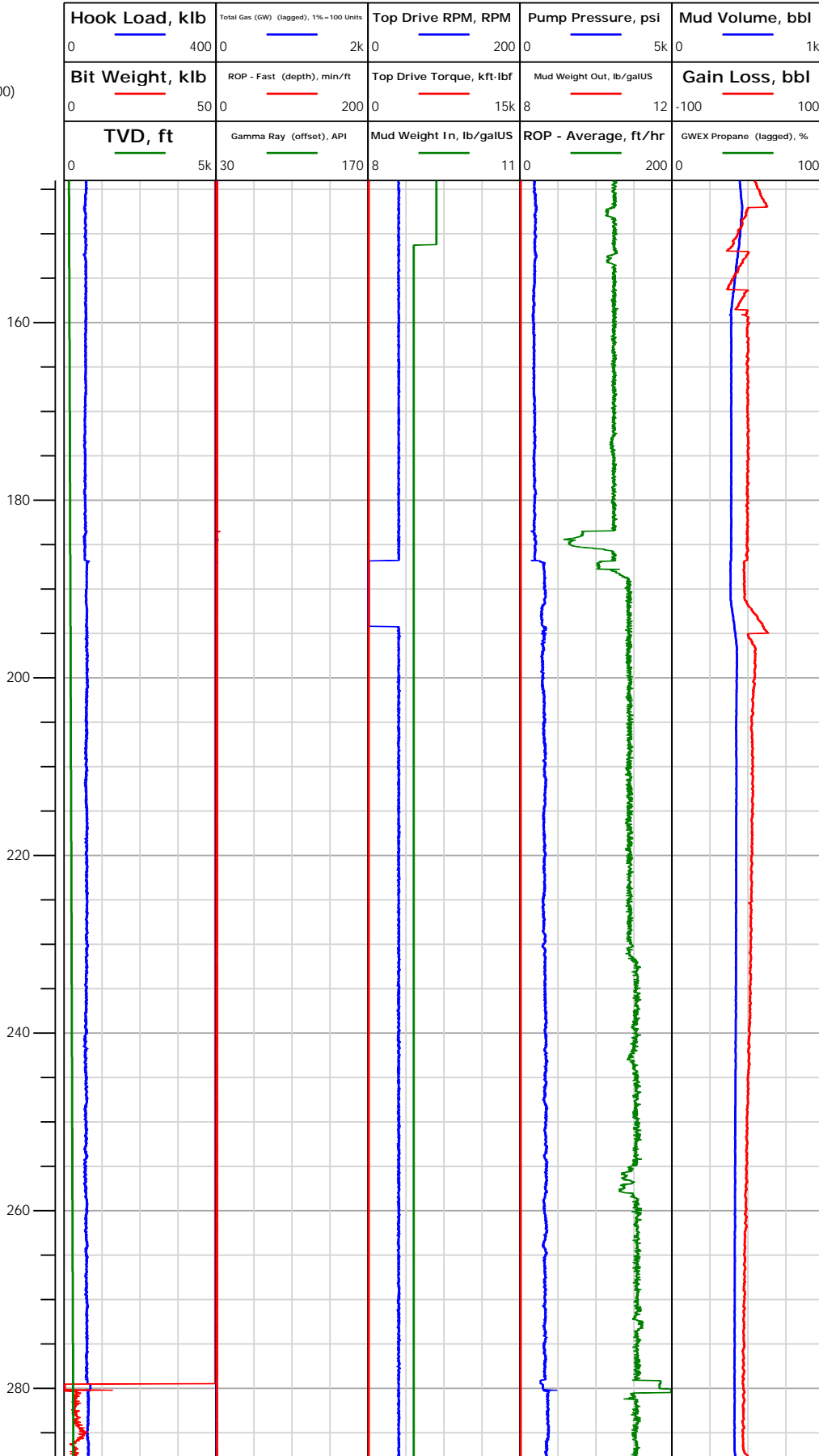
03:33

03:42

03:50

03:58

04:27



186.82: Connection @
186.82 ft

279.71: Connection @
279.71 ft



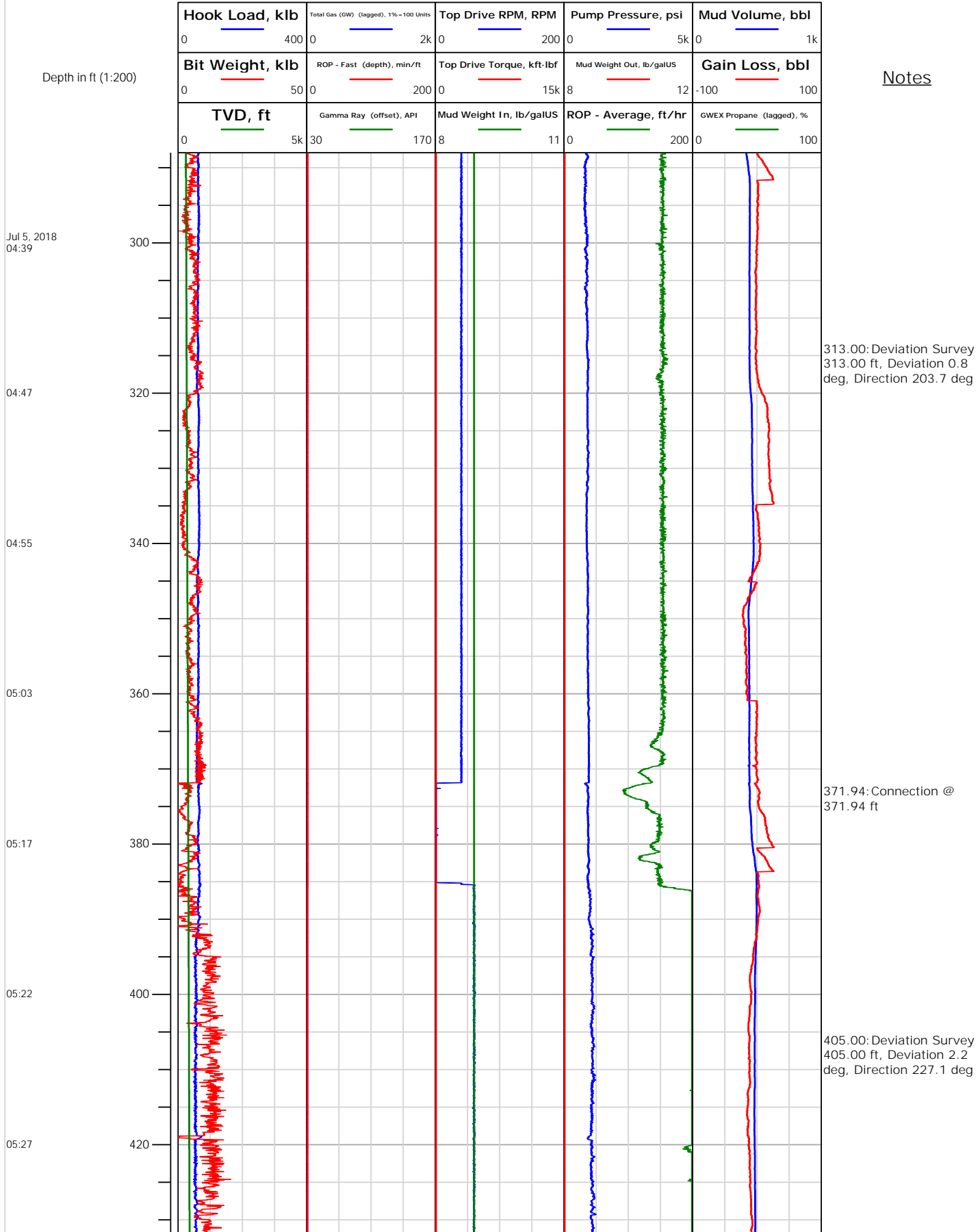
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





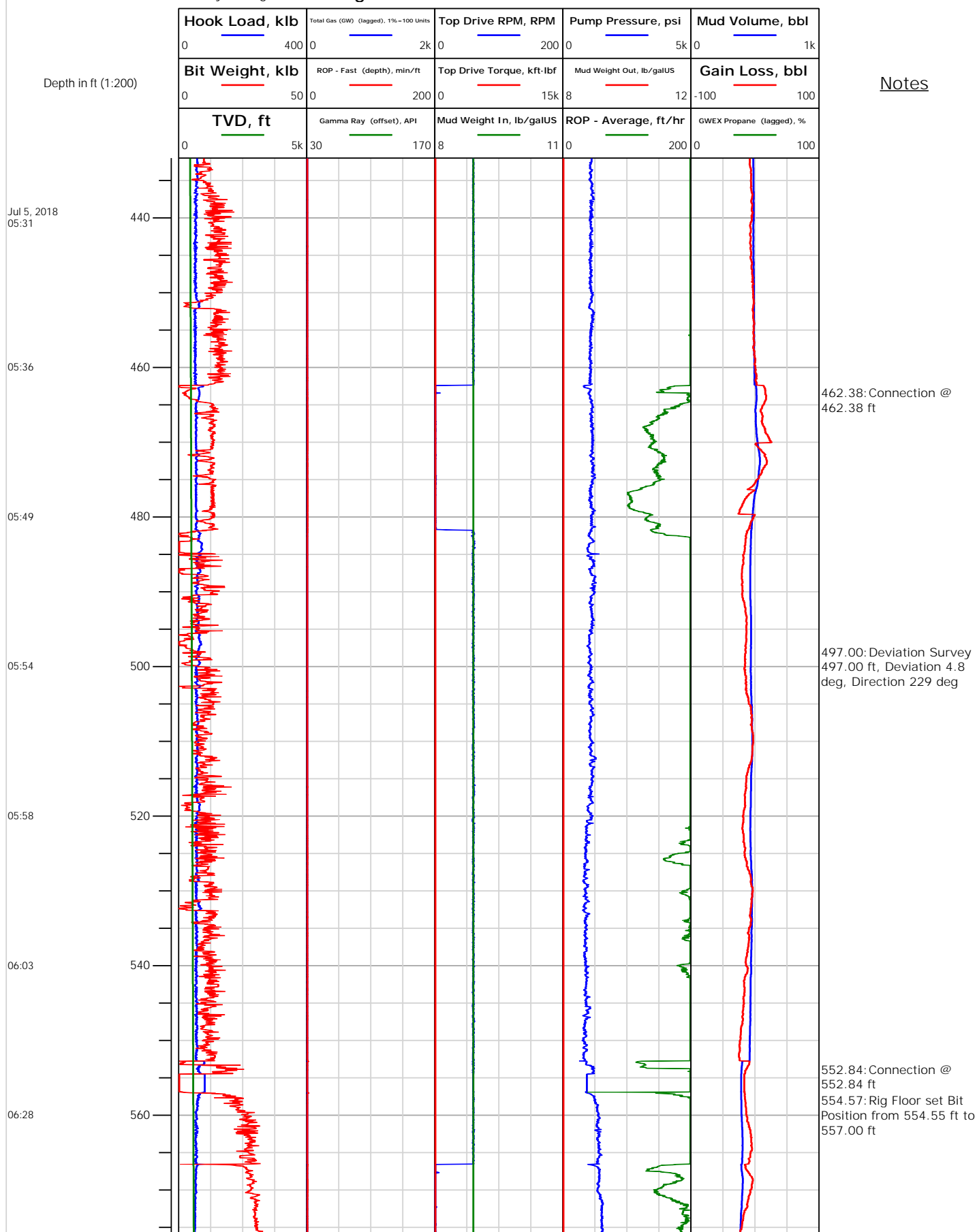
Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





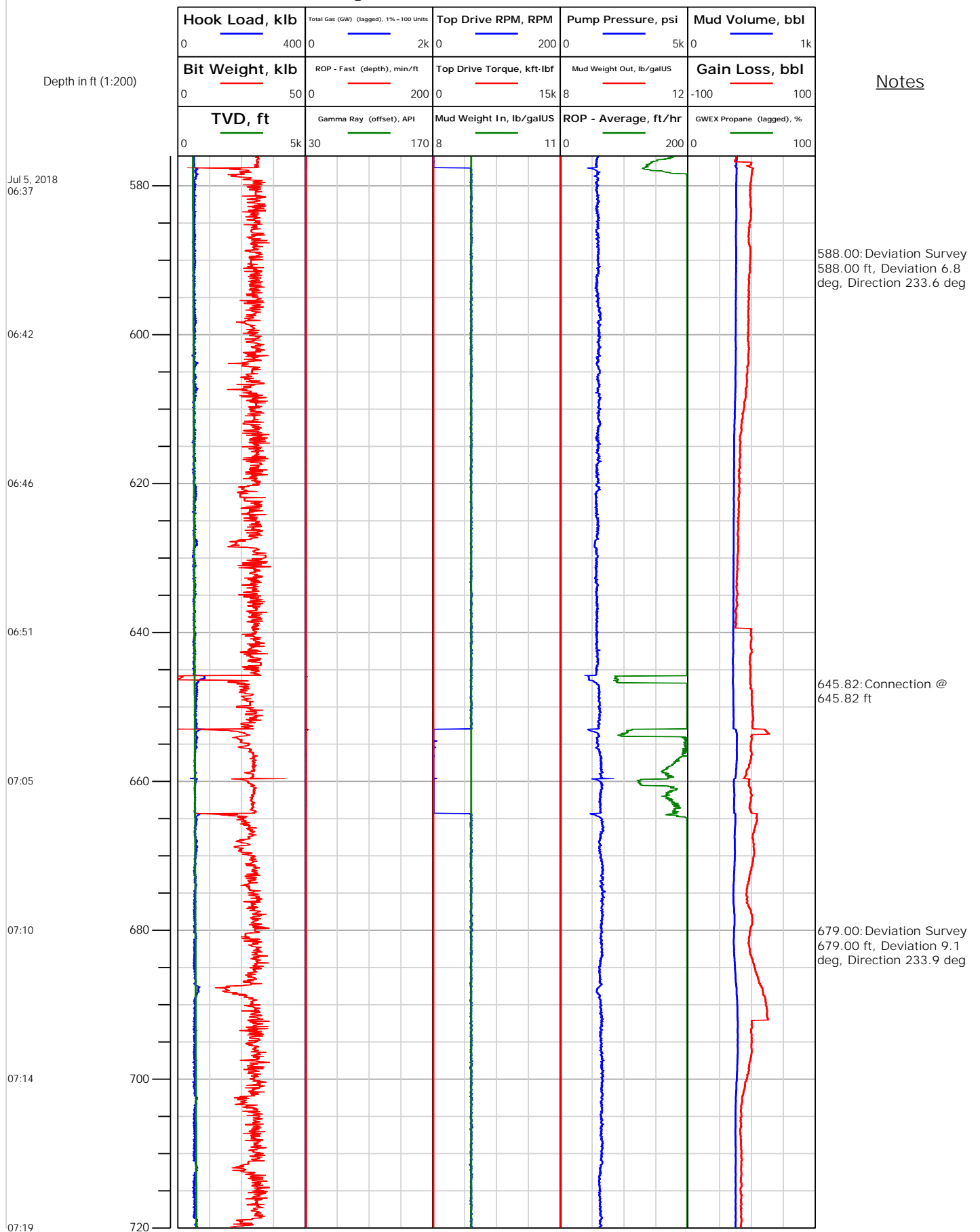
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





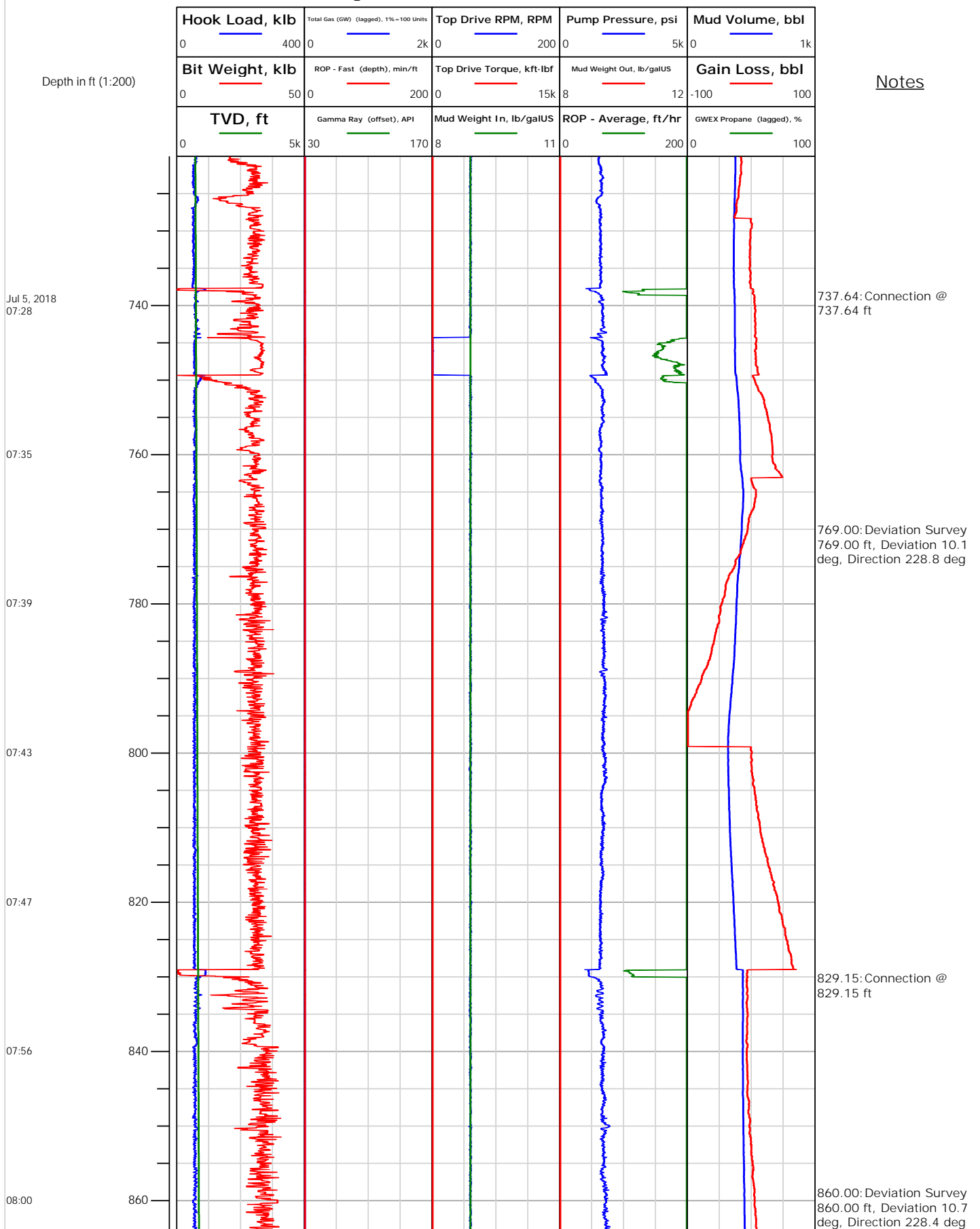
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





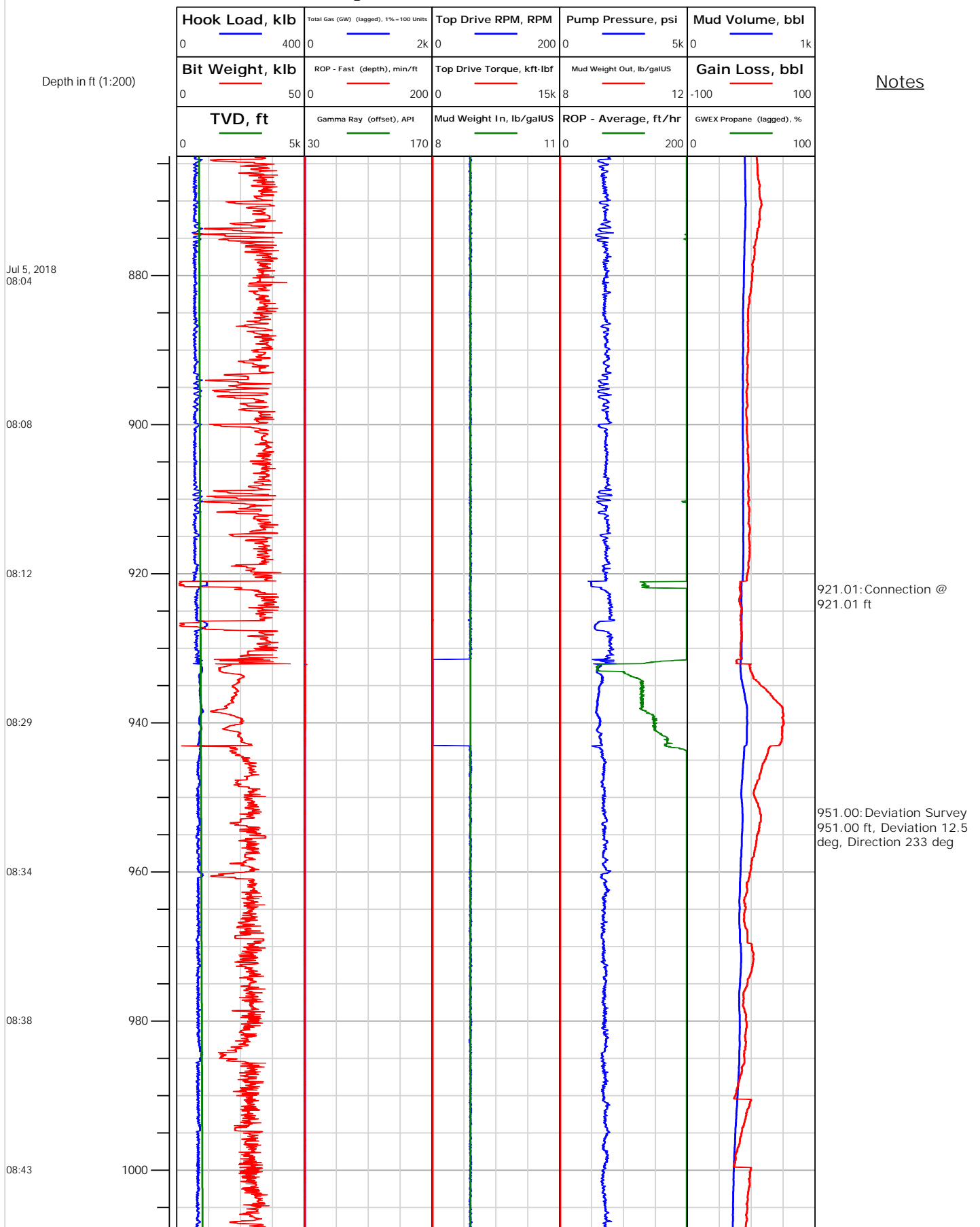
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





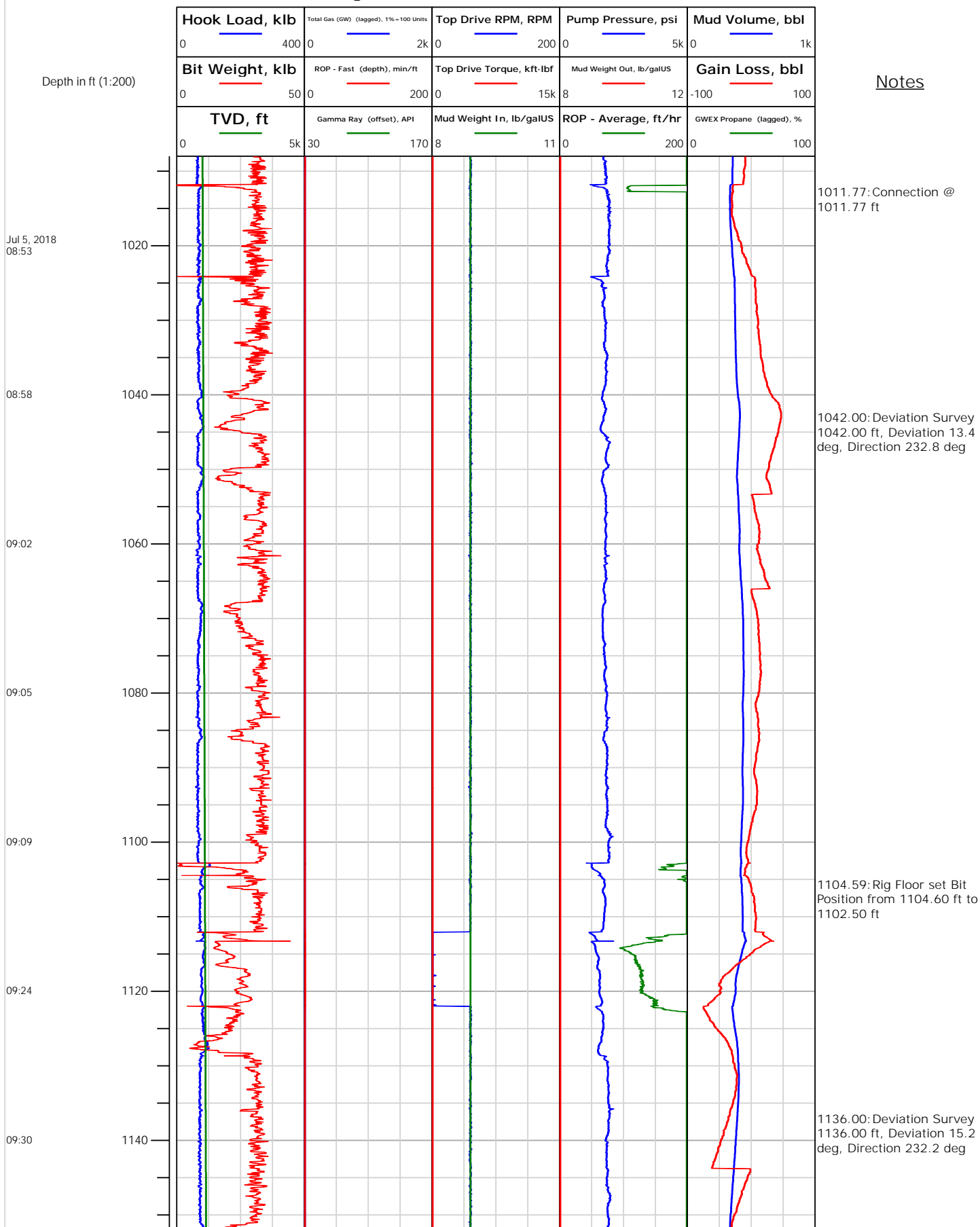
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes

Depth in ft (1:200)

Jul 5, 2018
09:33

09:42

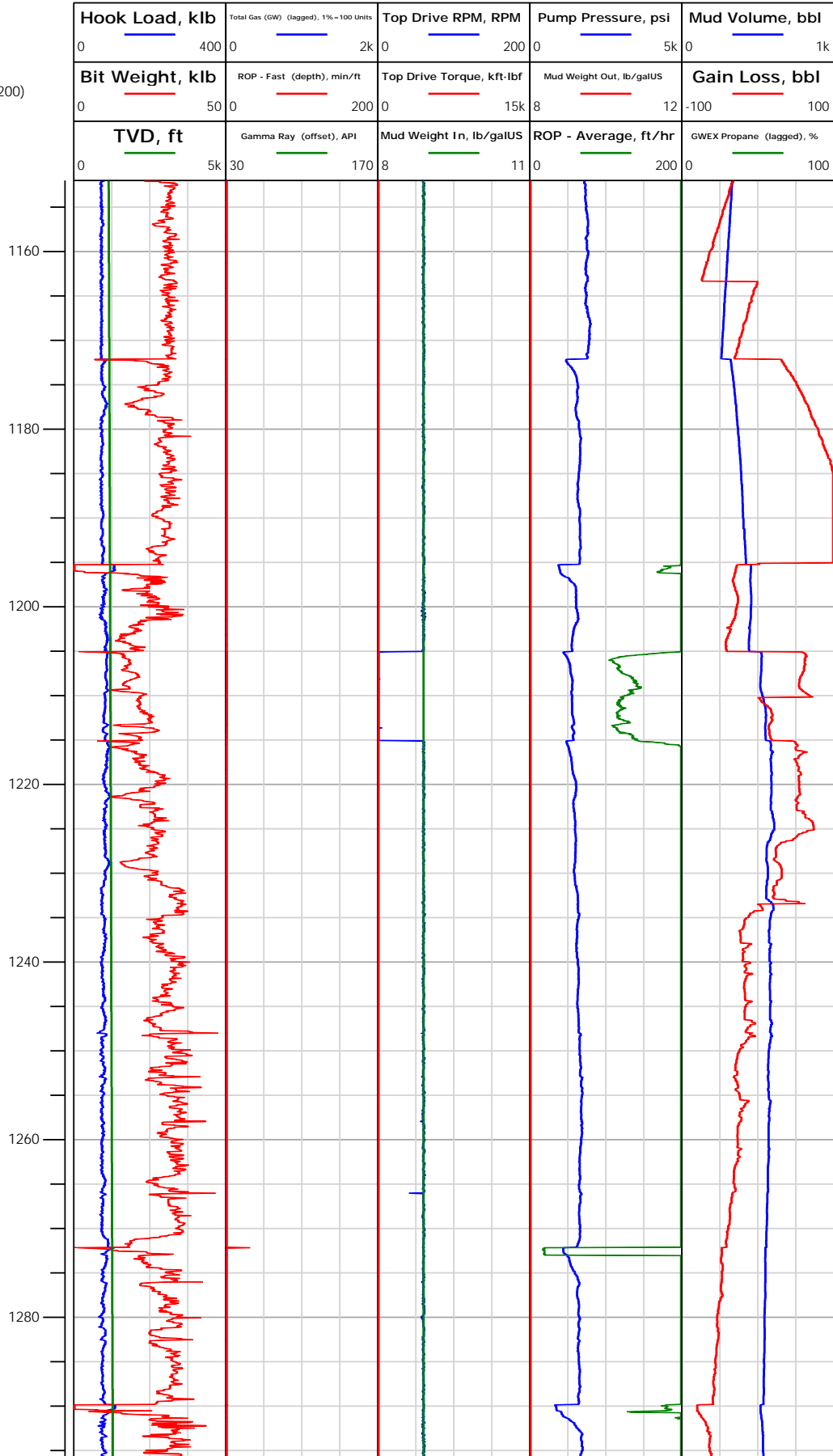
09:58

10:08

10:12

10:15

10:21





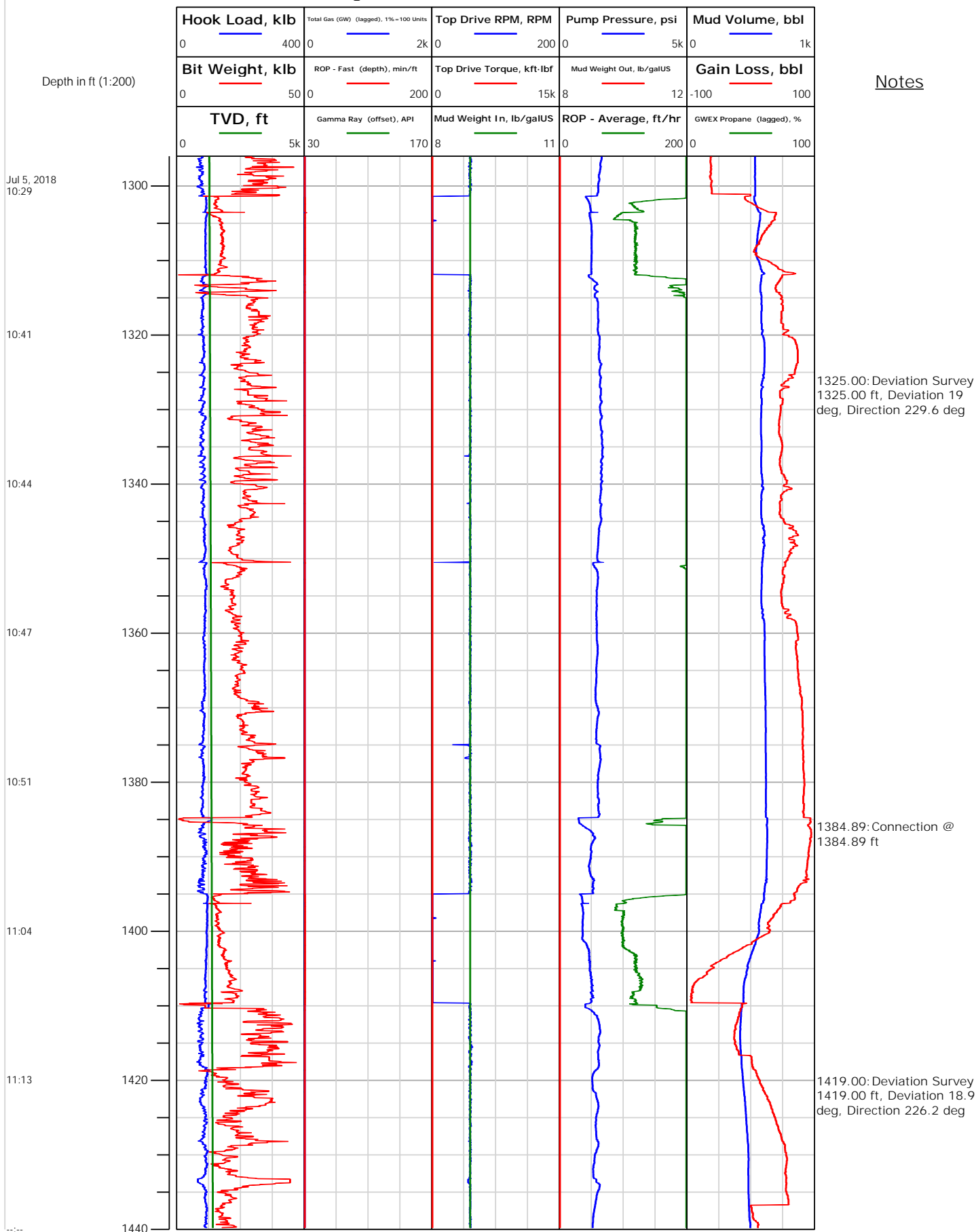
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





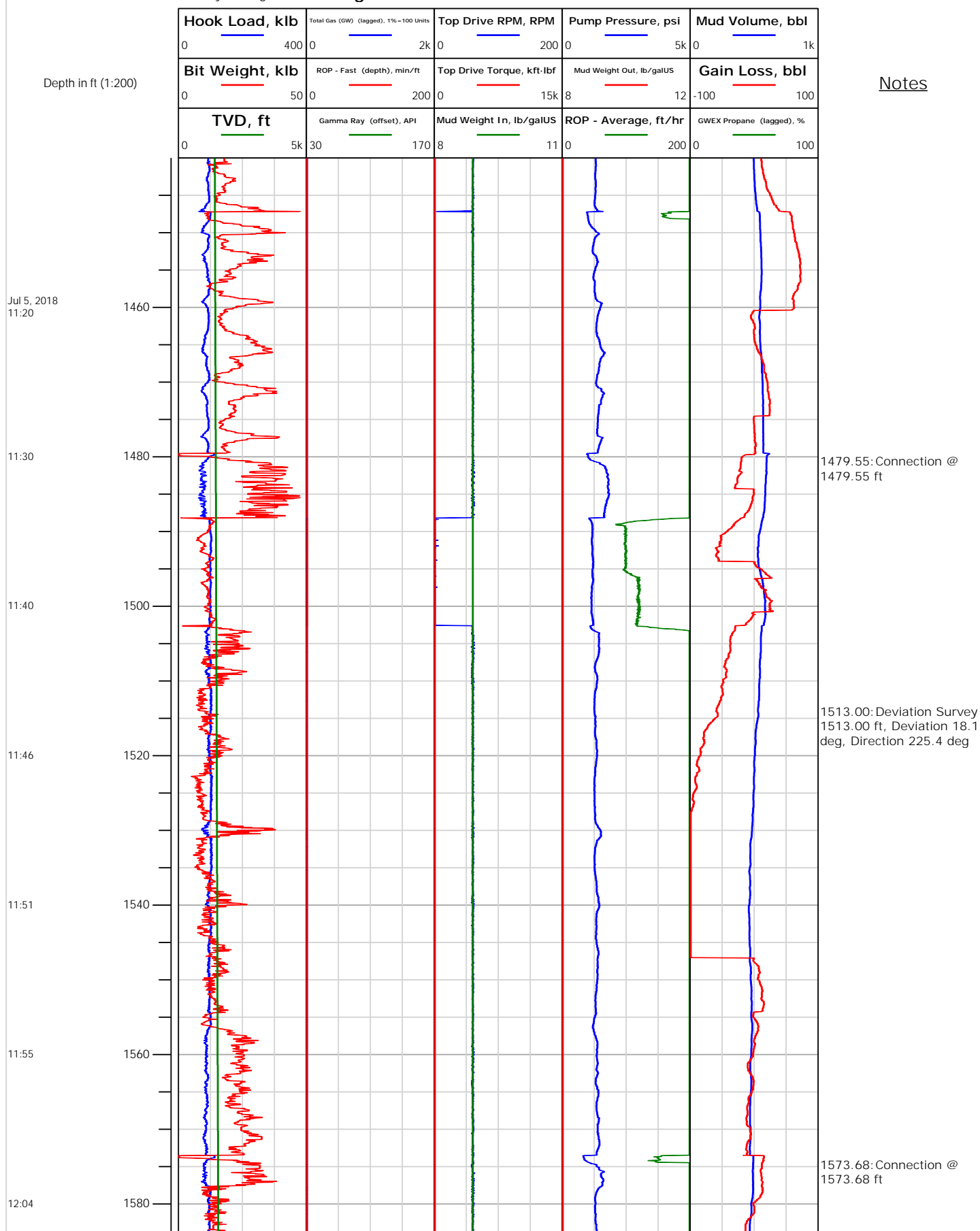
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Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





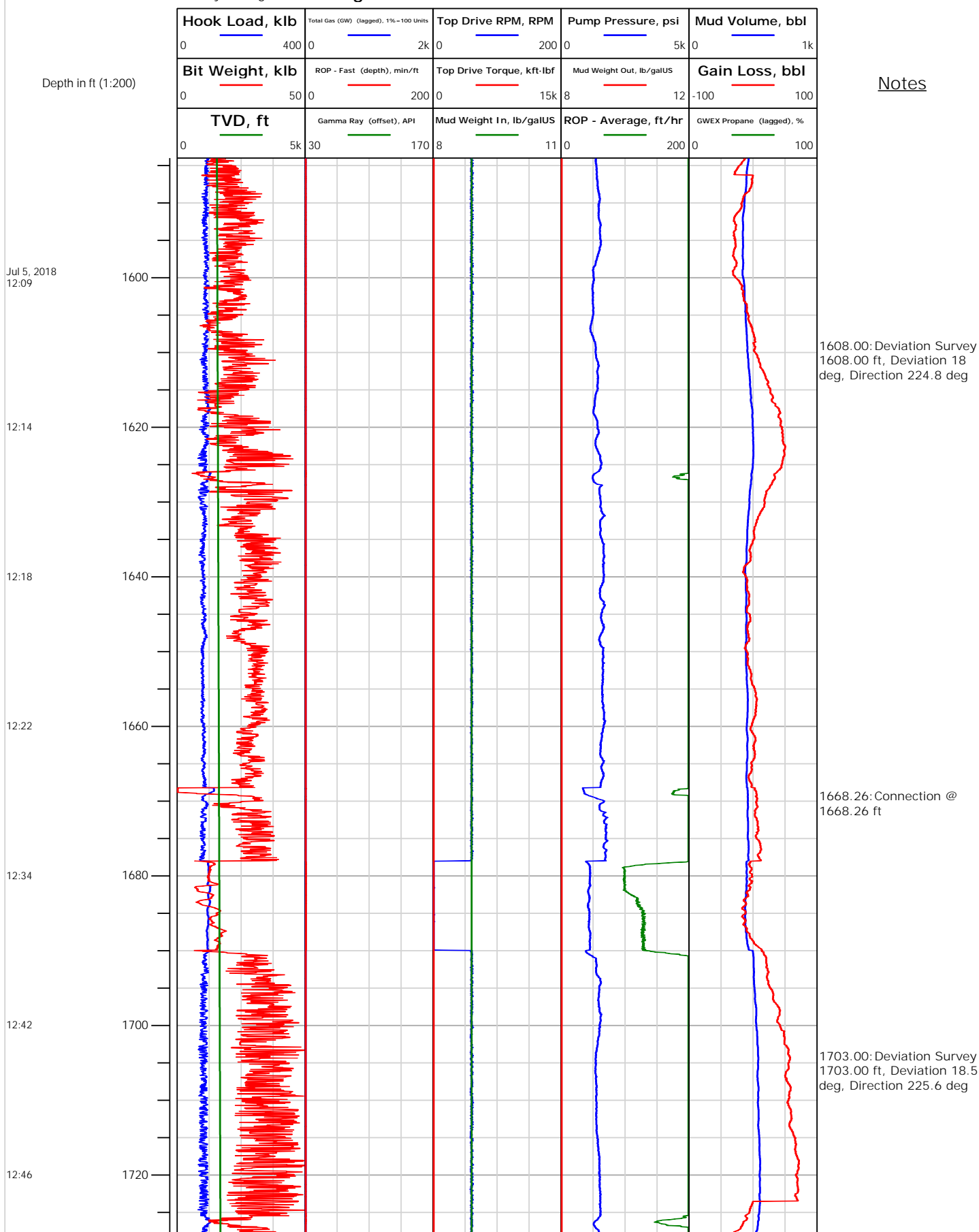
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





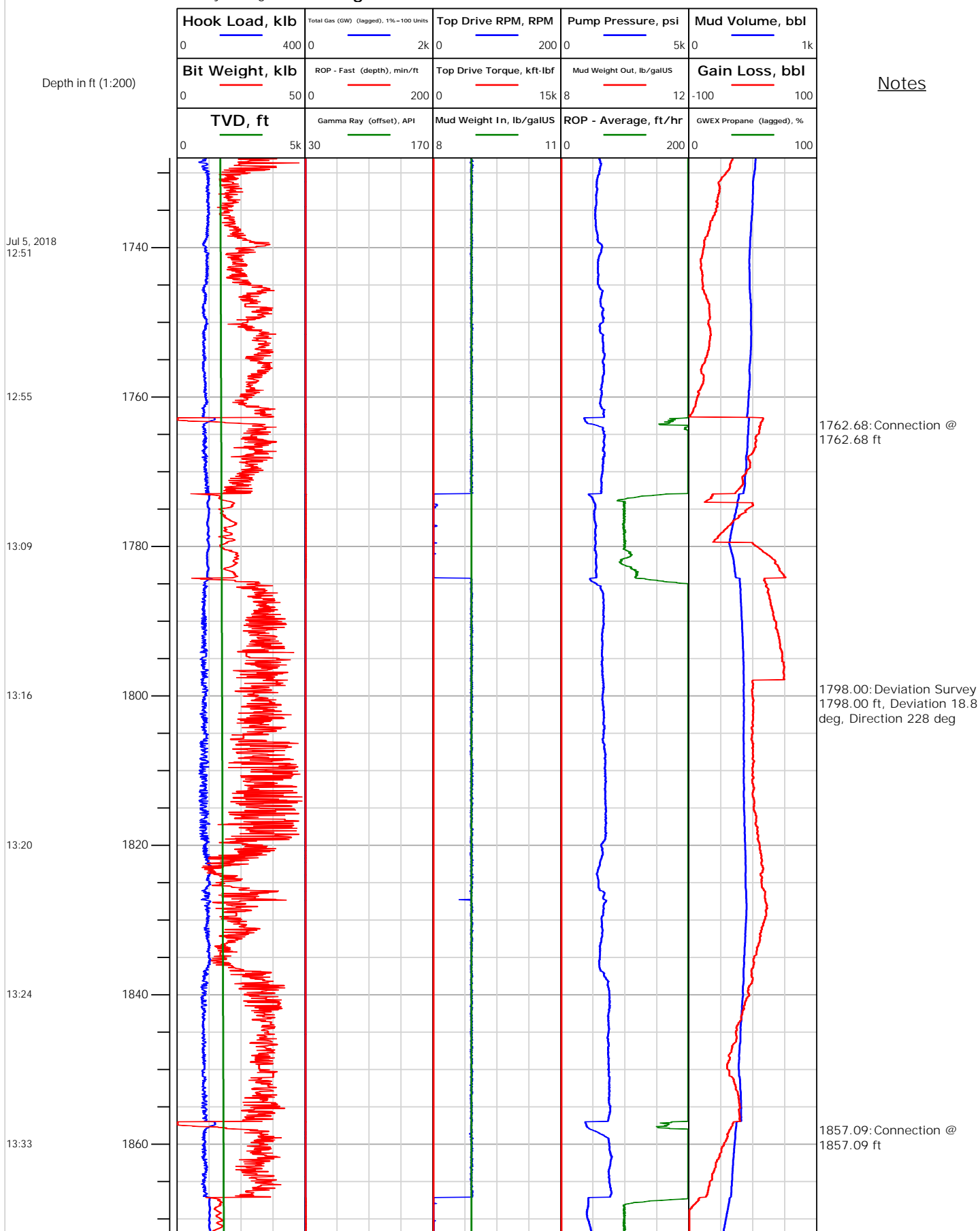
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





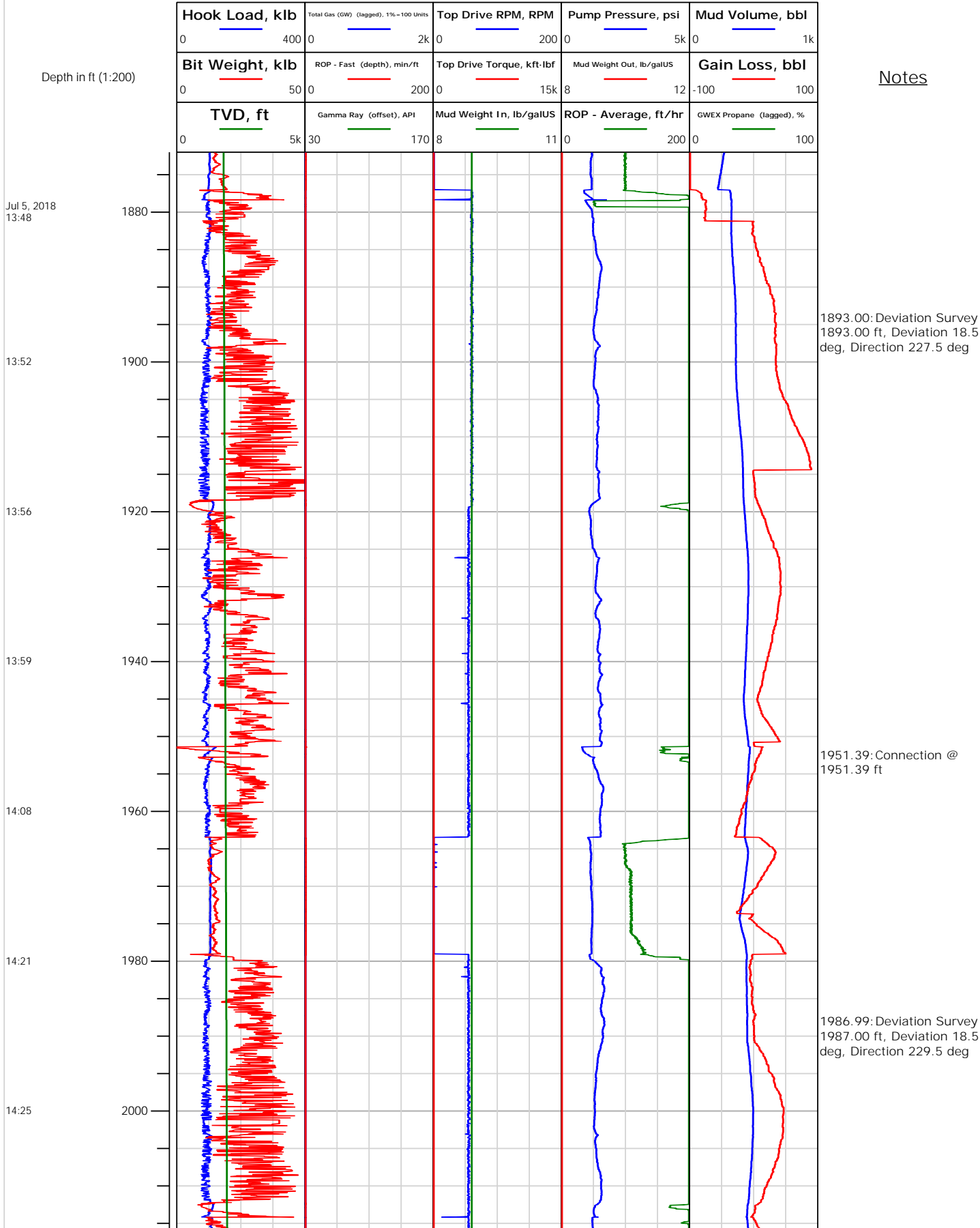
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





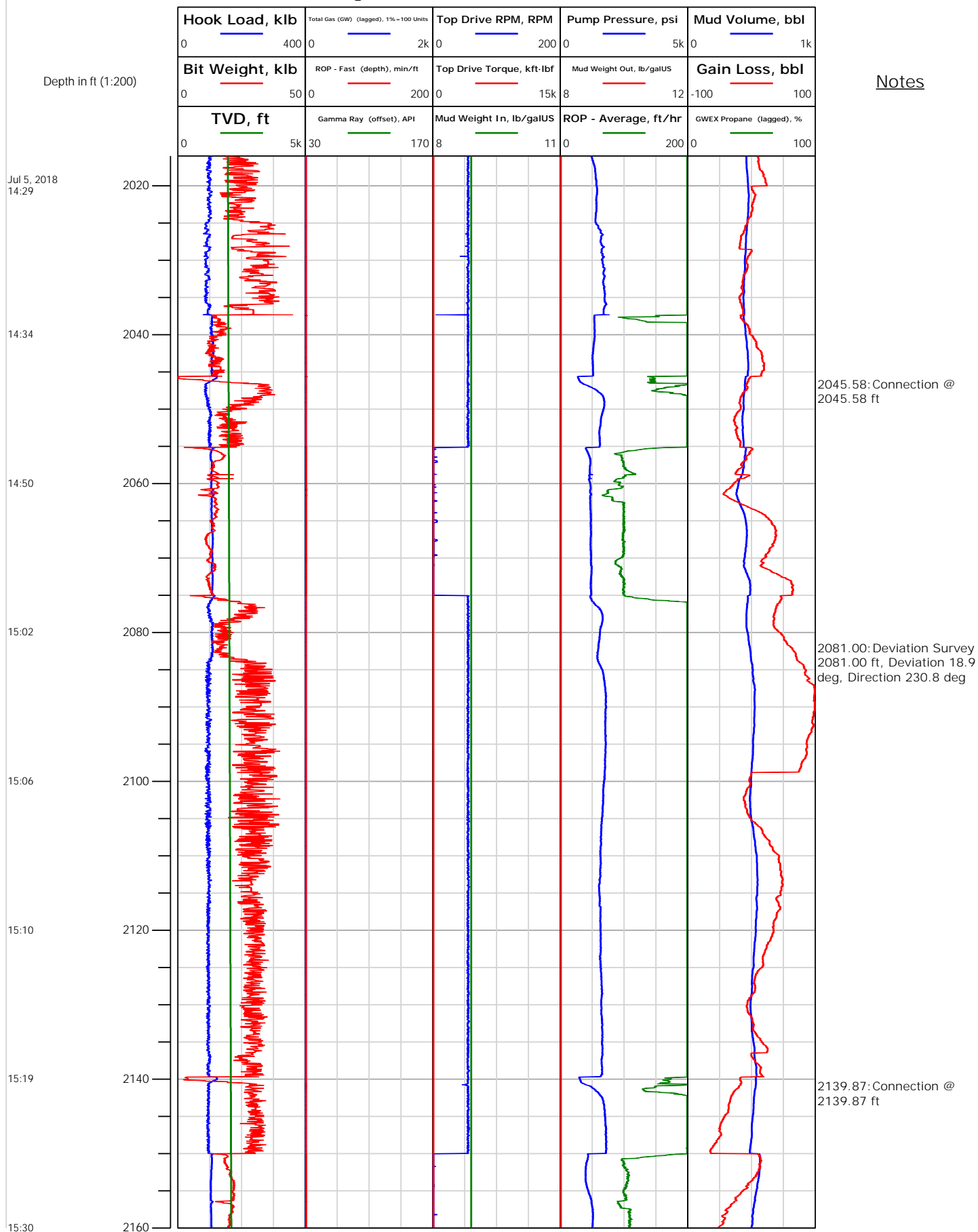
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





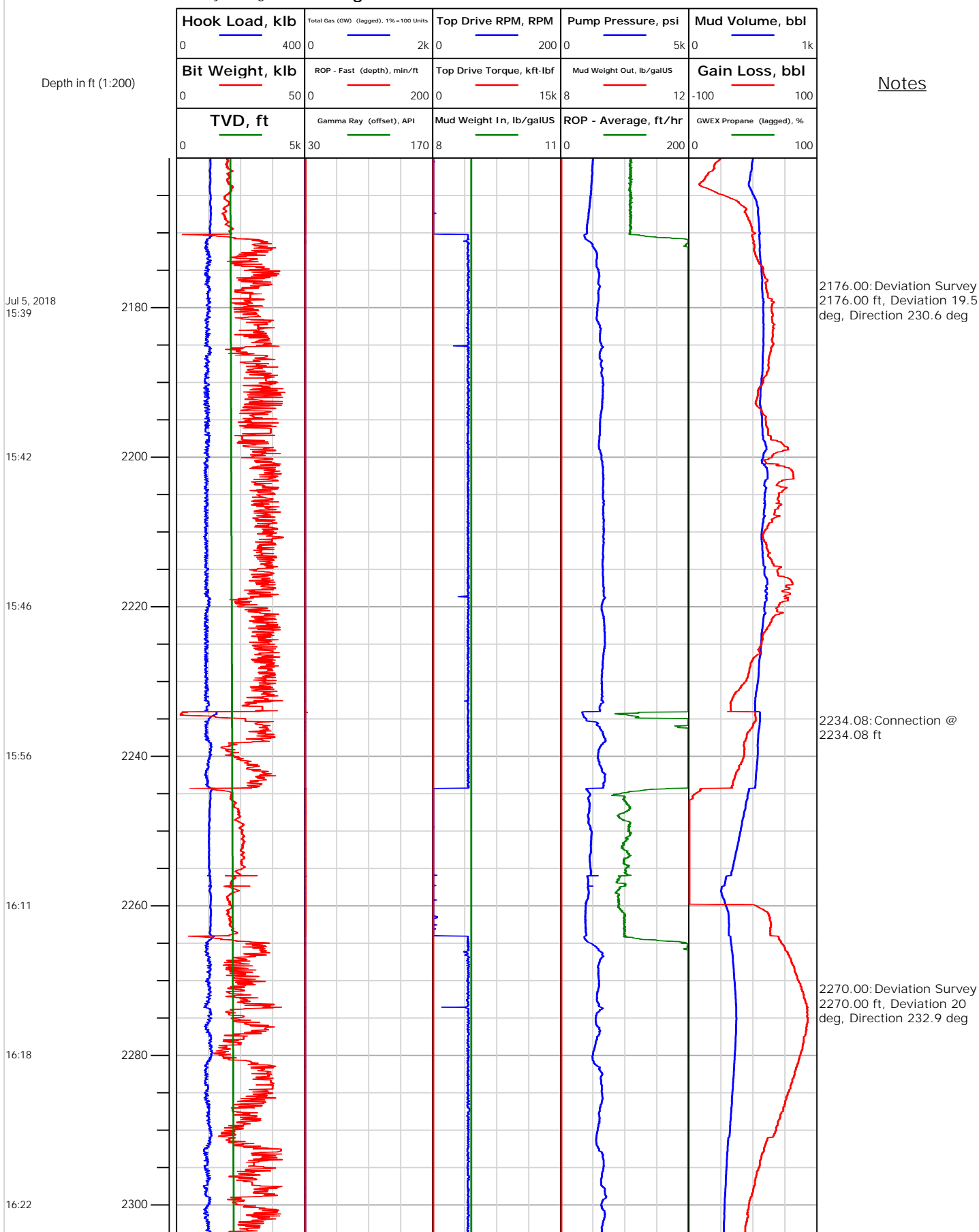
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





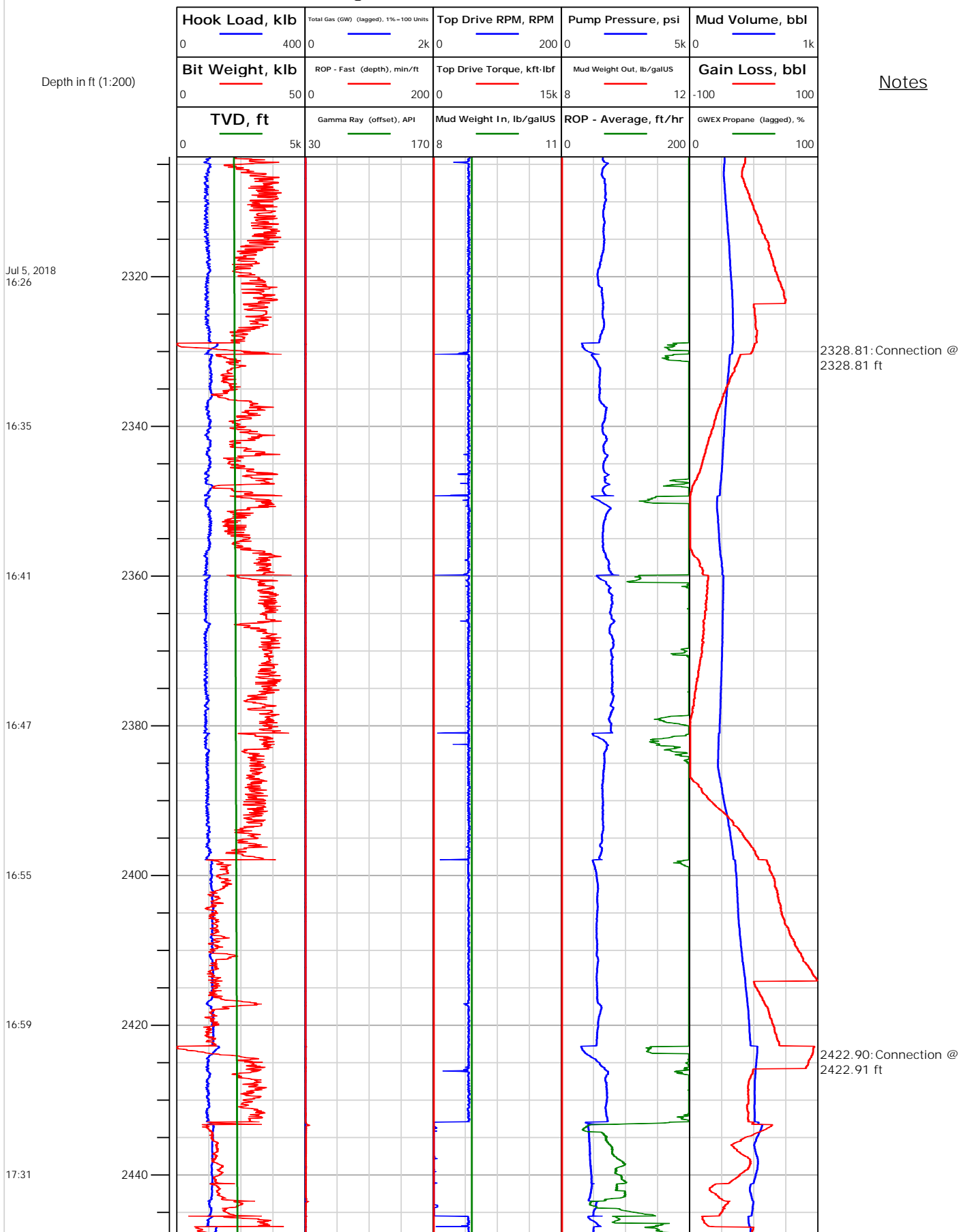
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





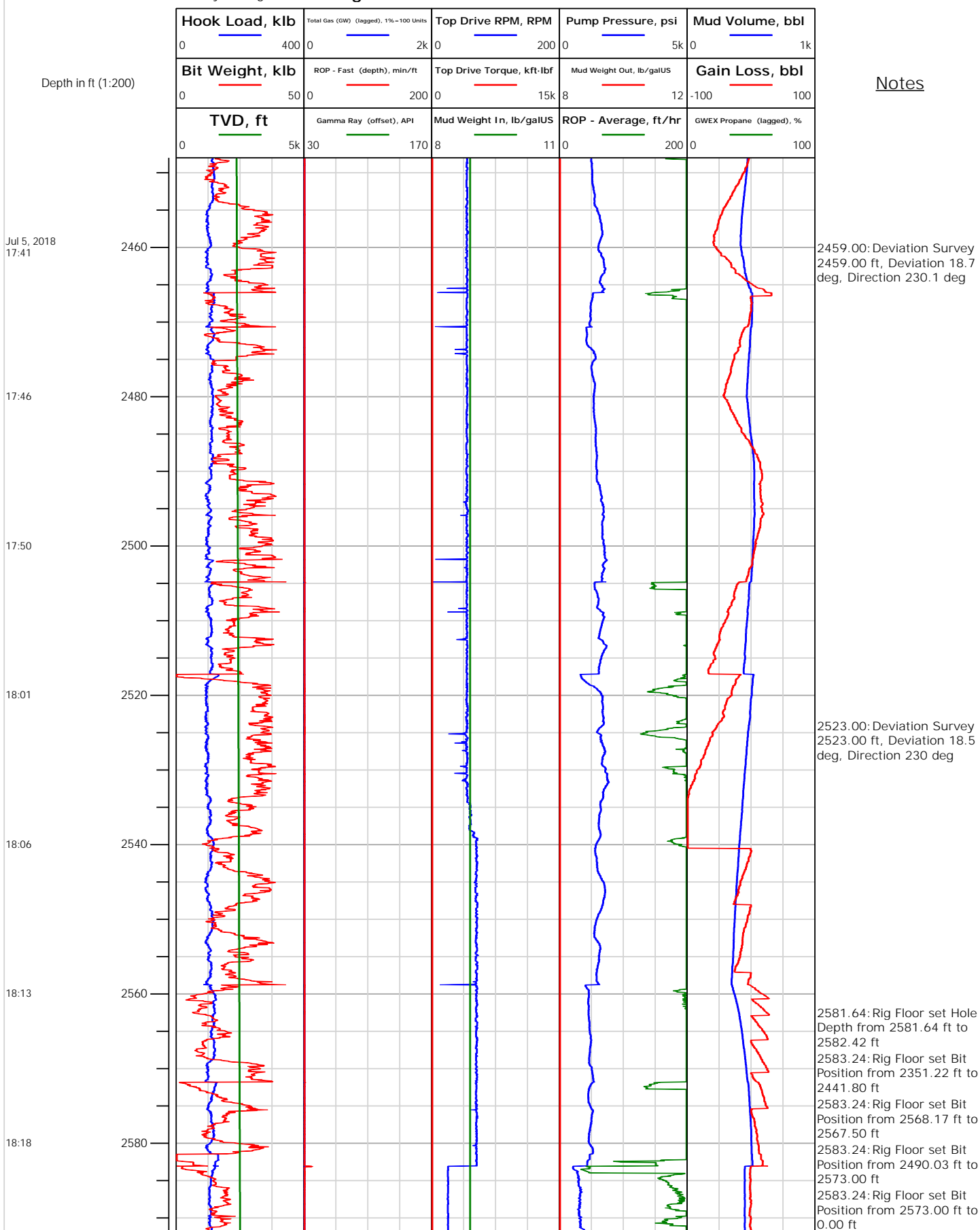
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





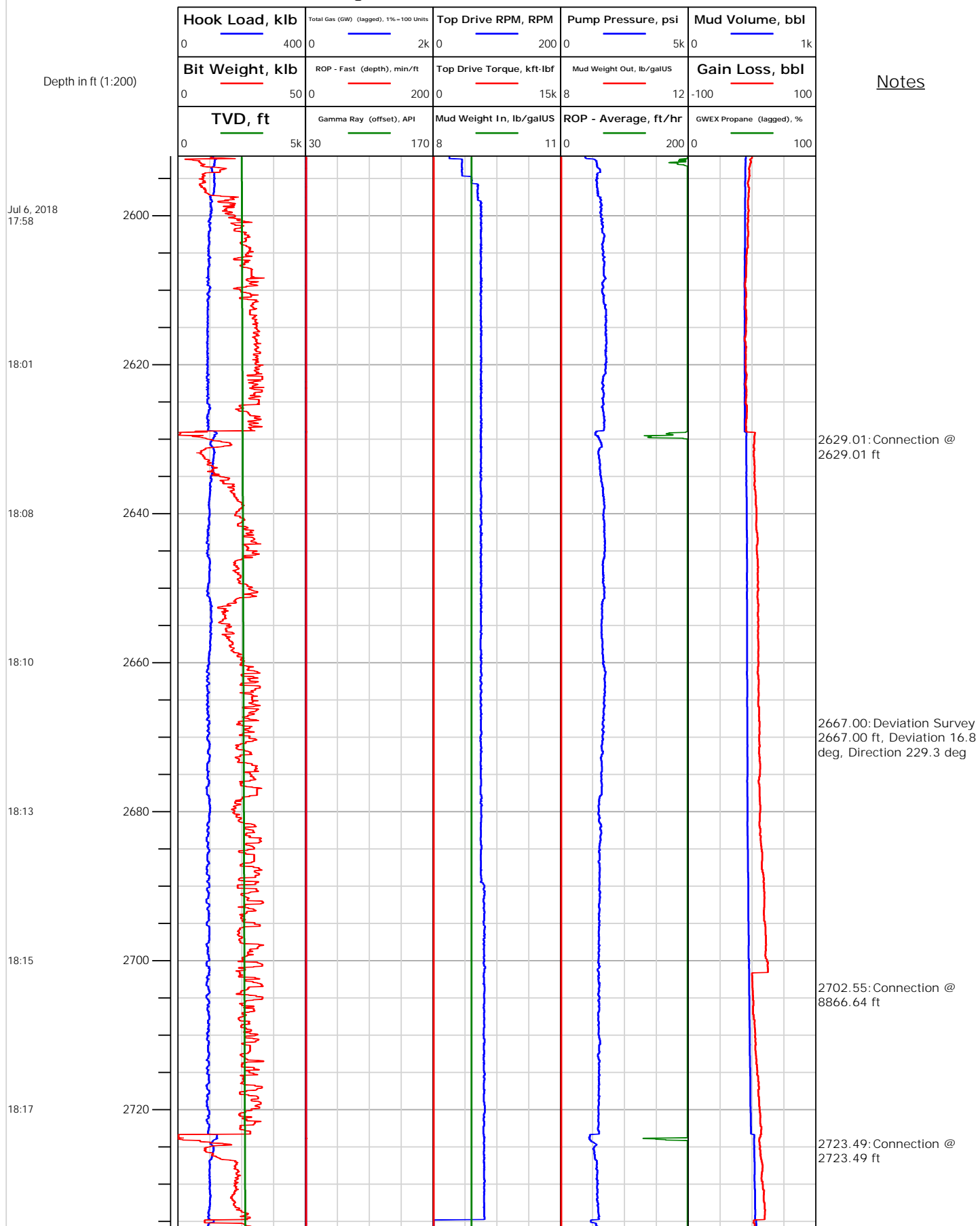
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





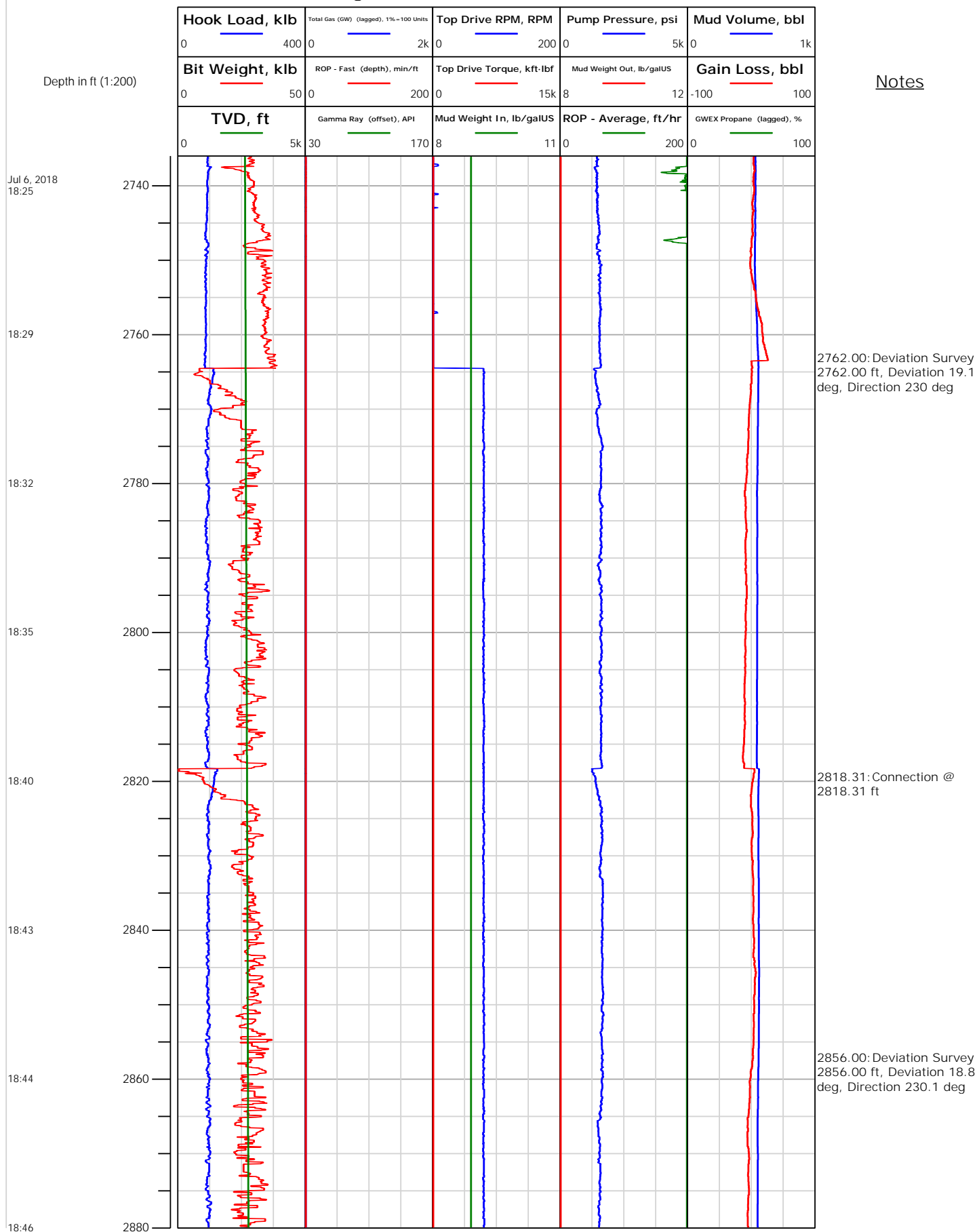
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





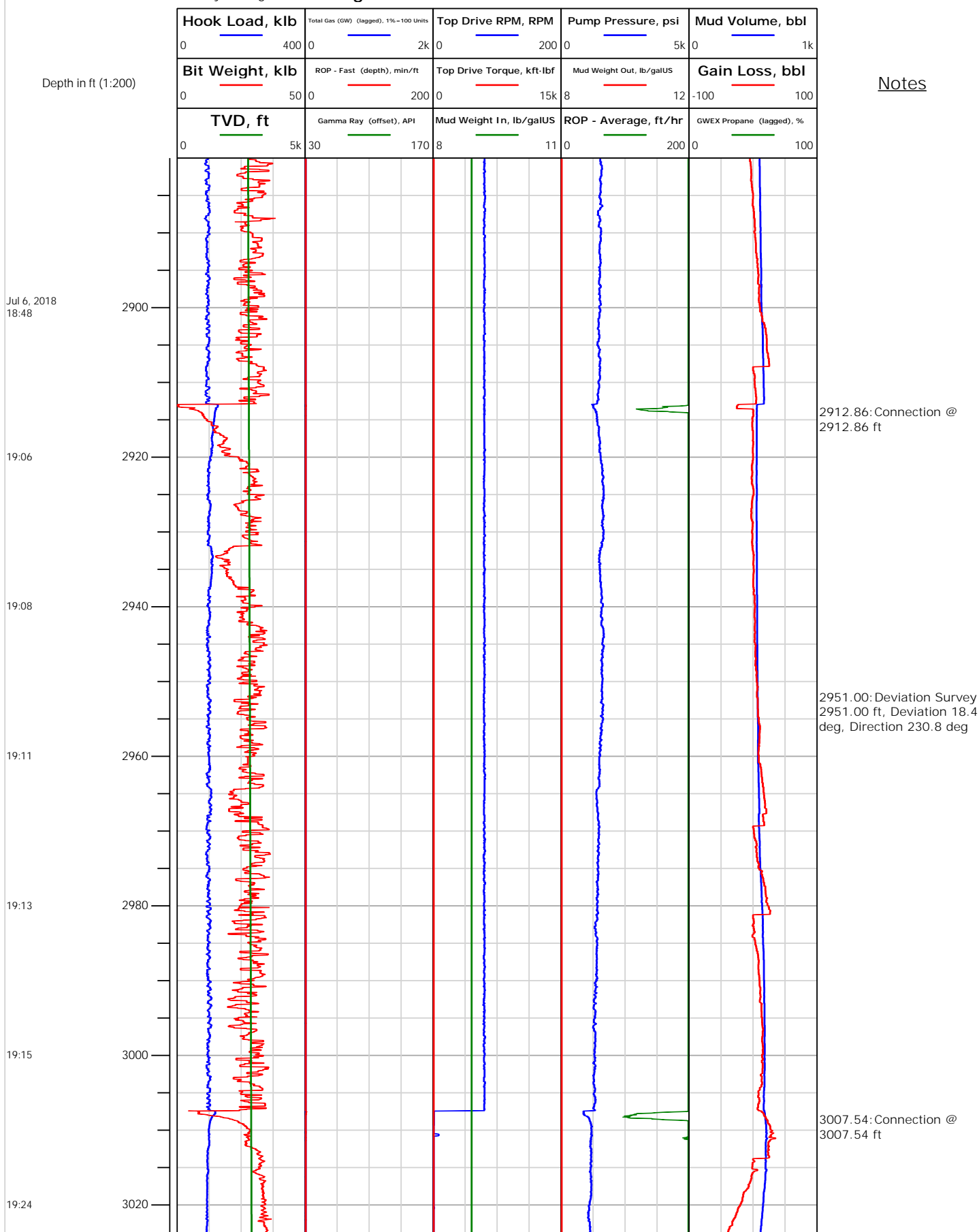
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





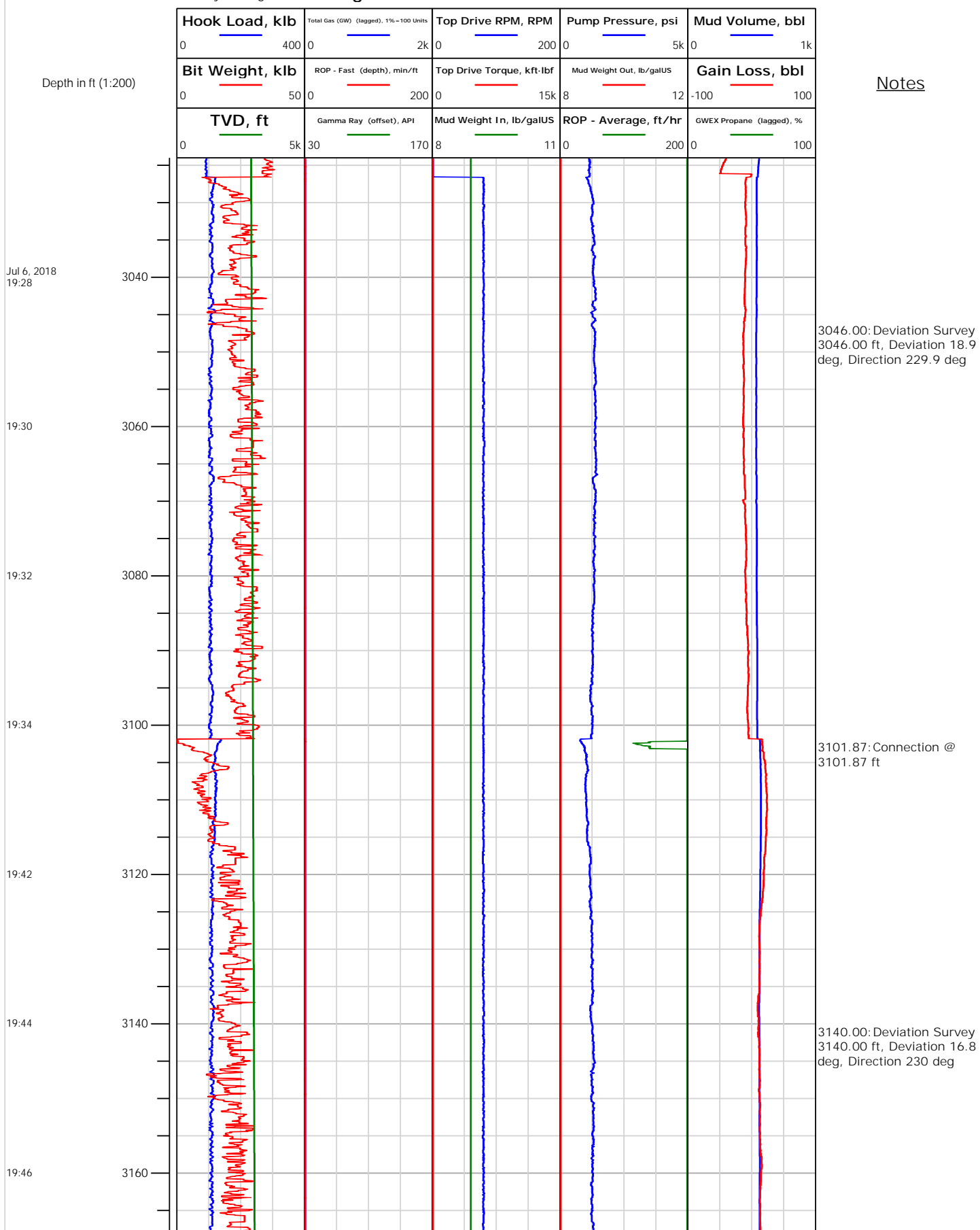
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drilg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





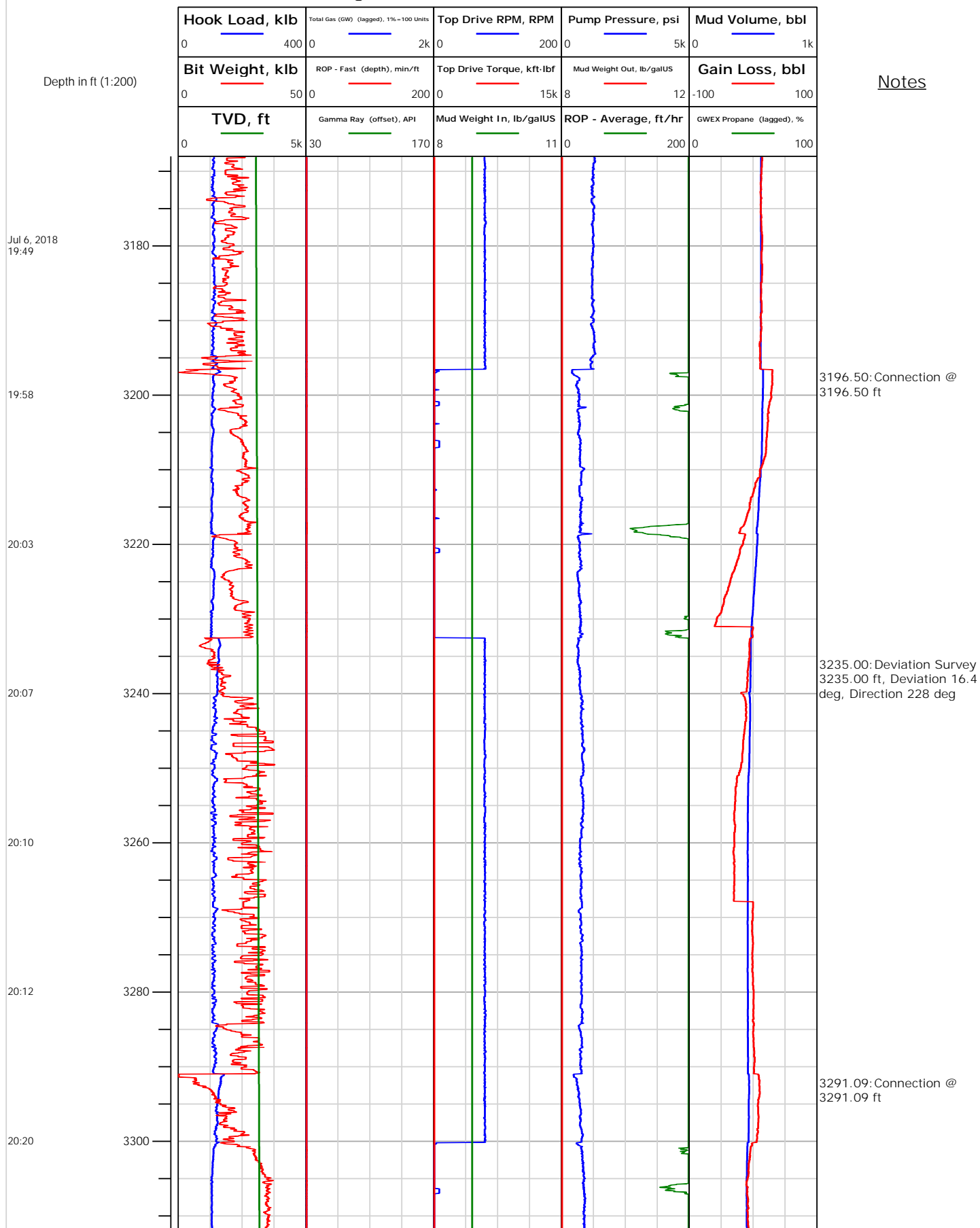
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drilg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





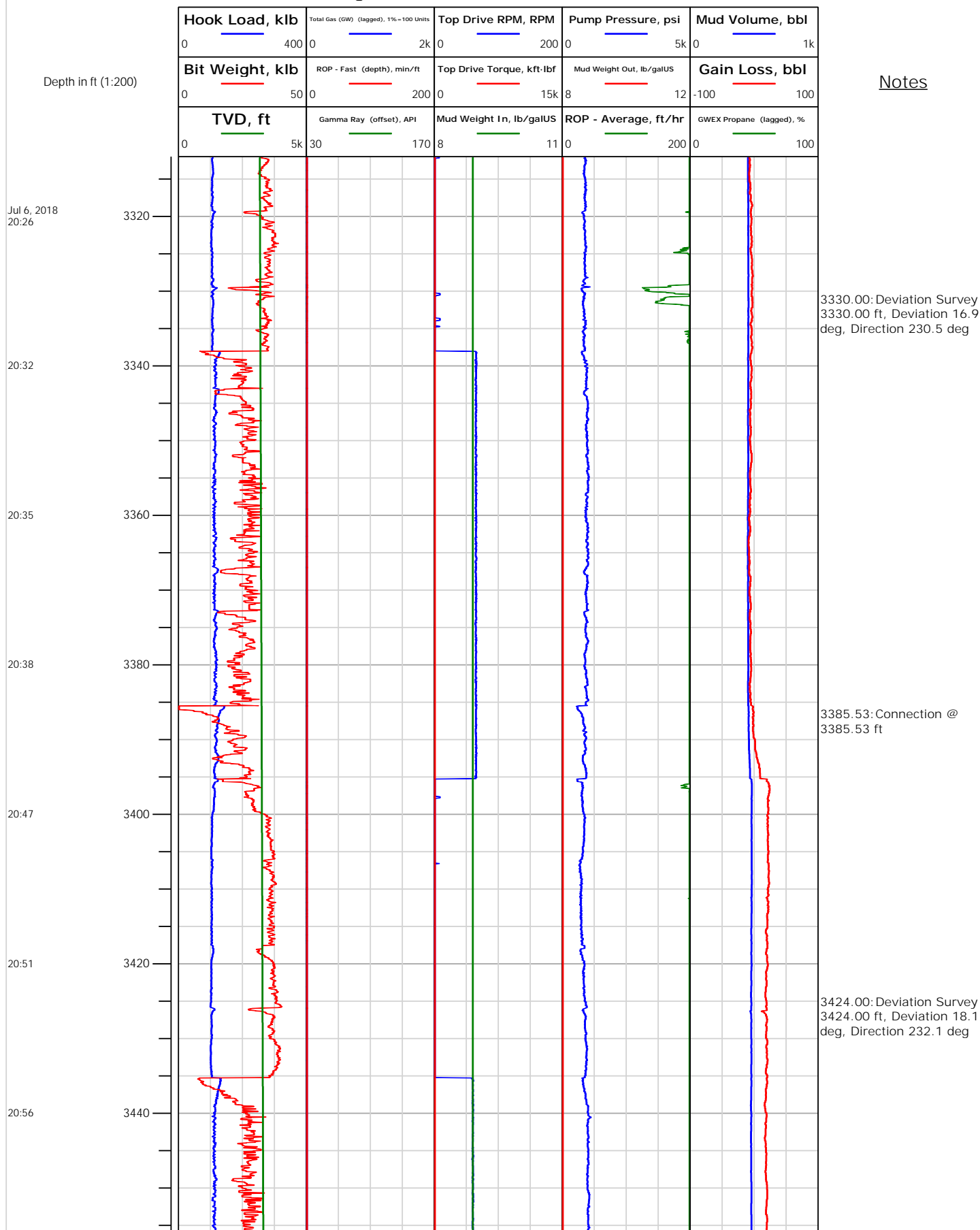
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





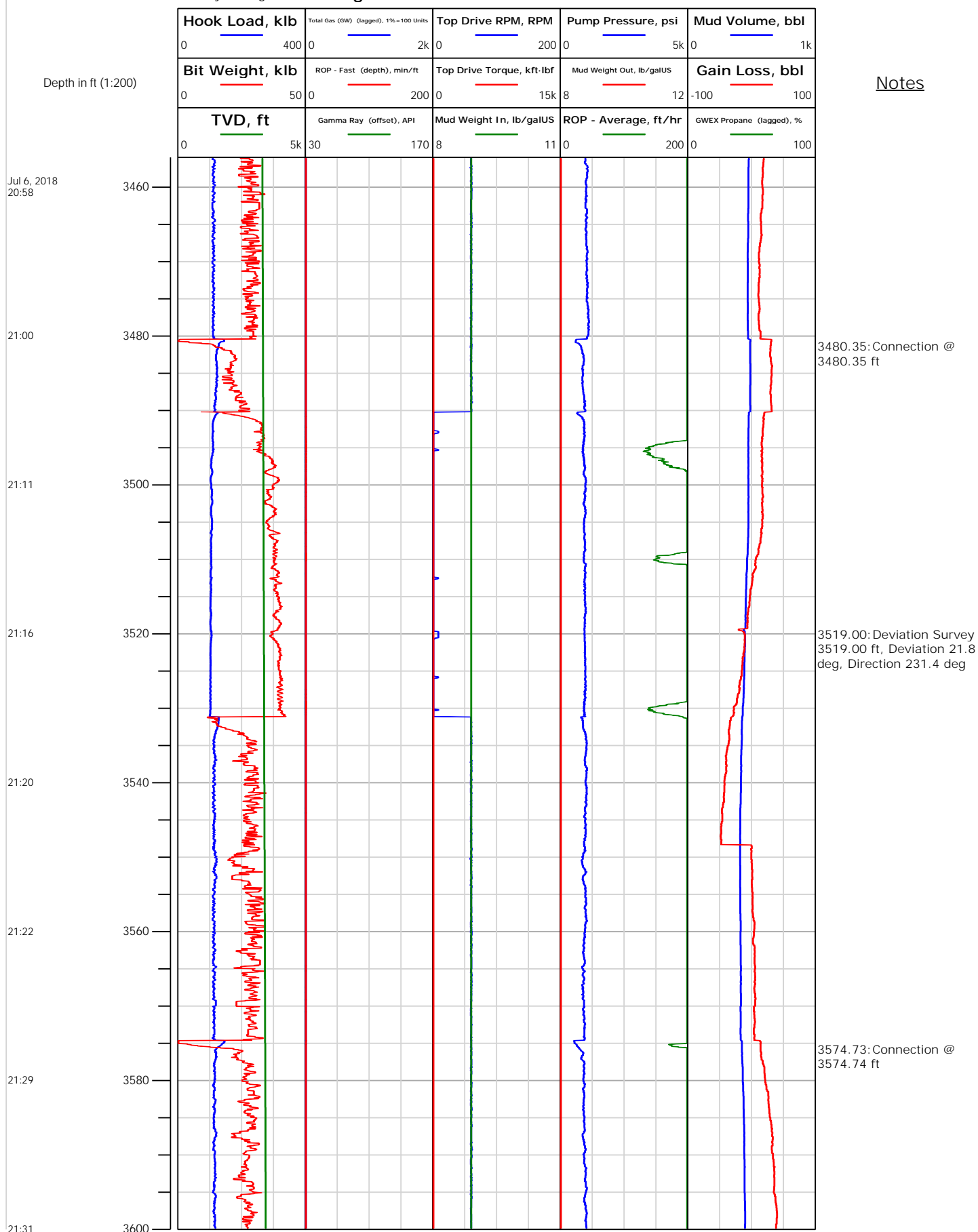
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





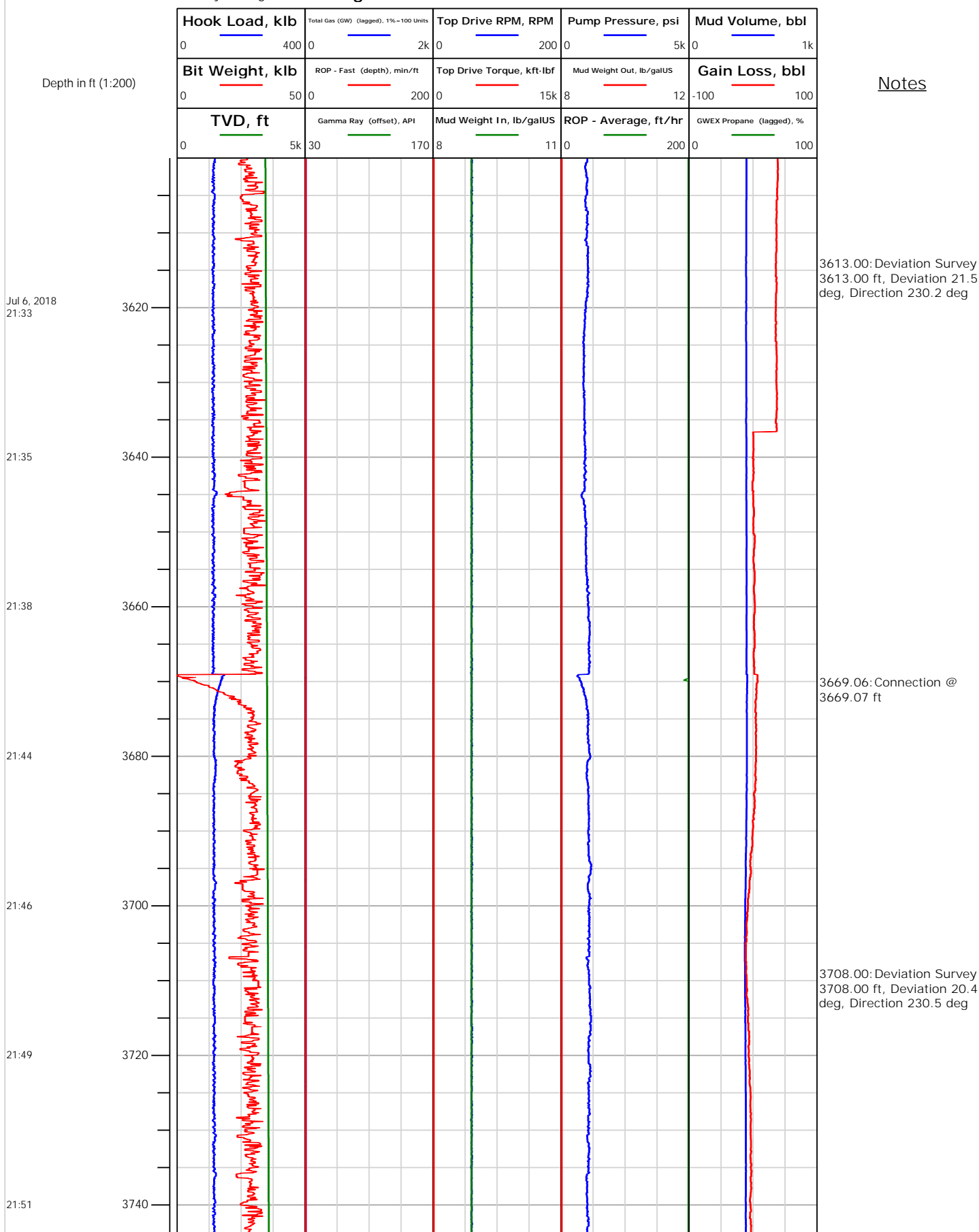
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





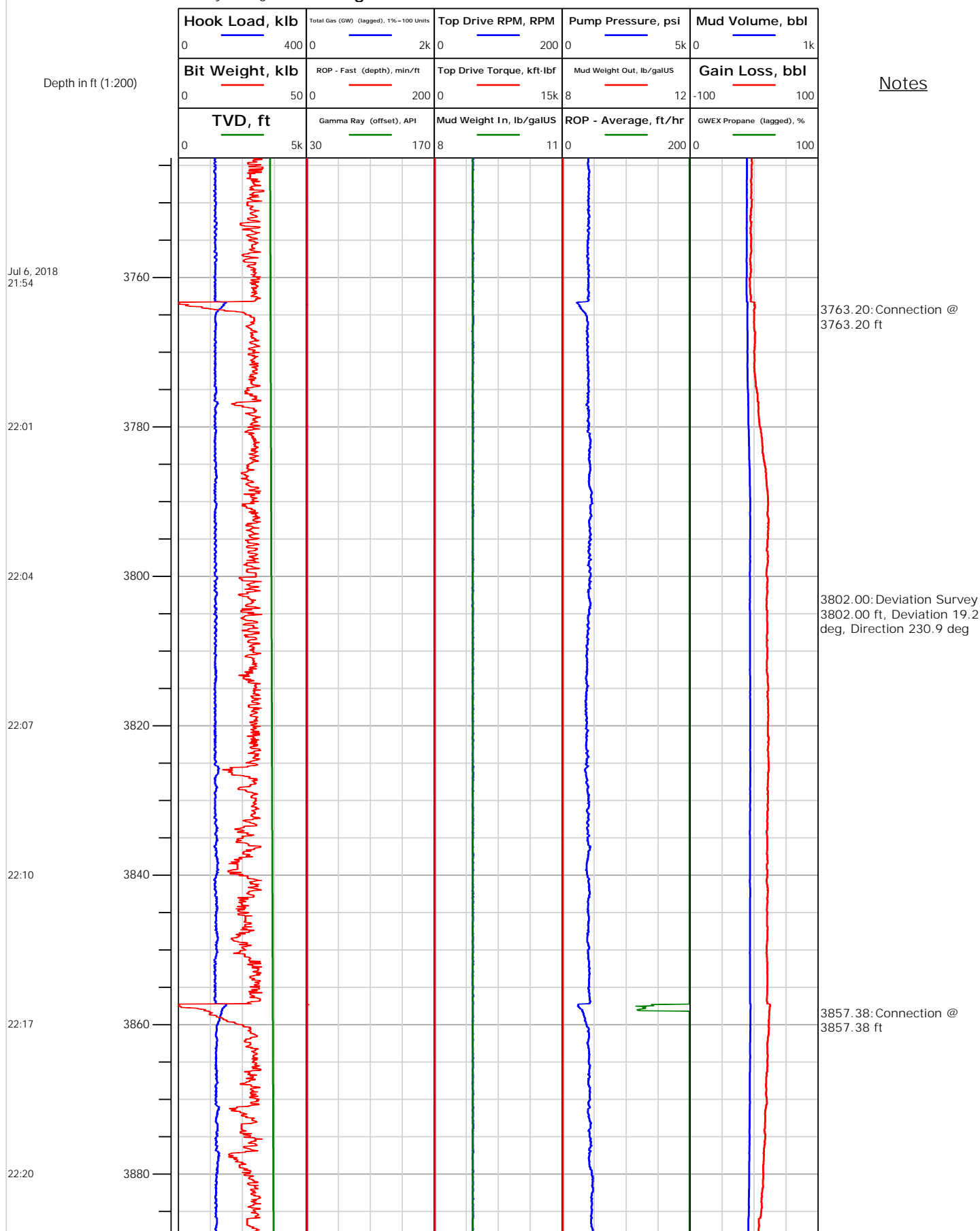
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





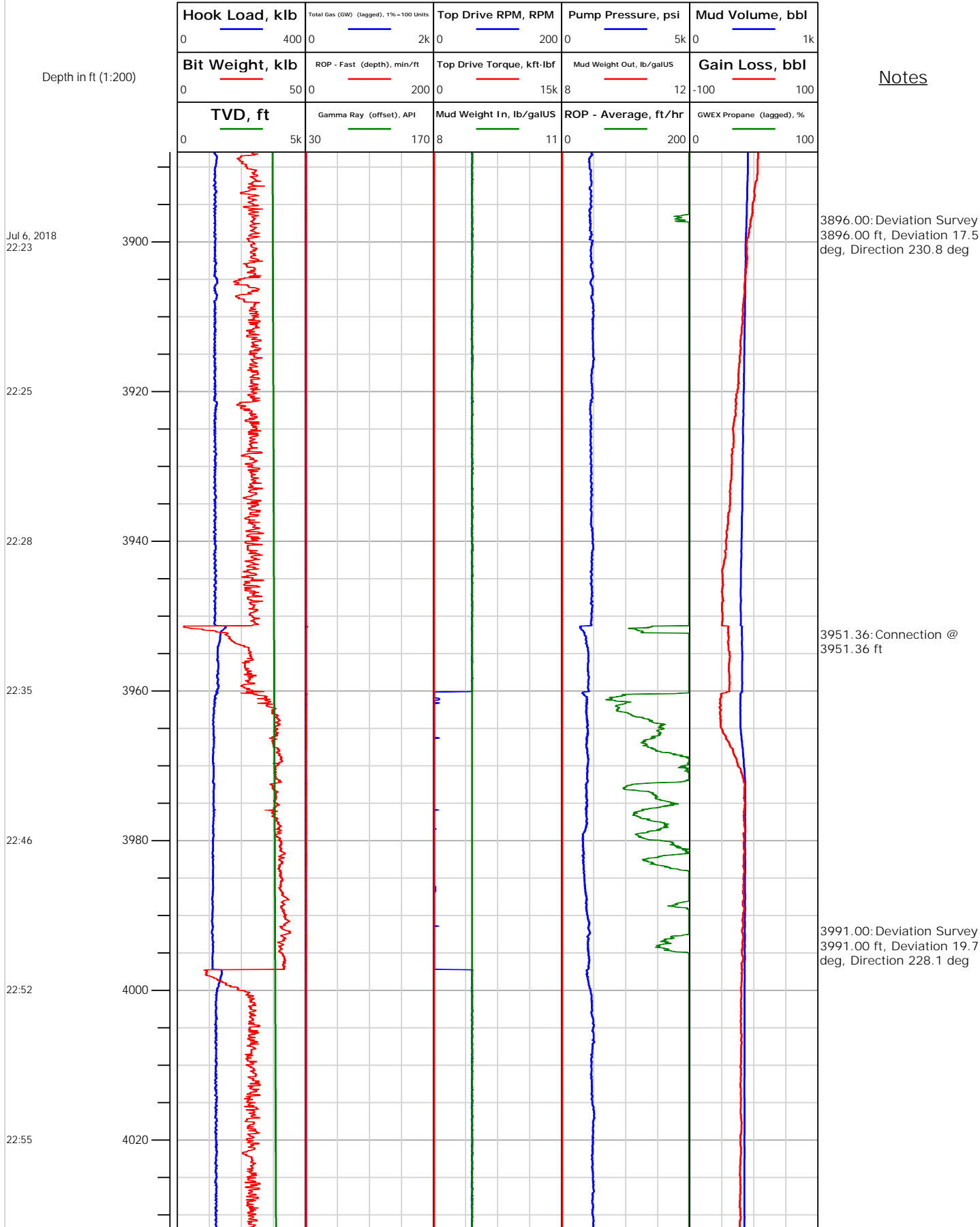
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





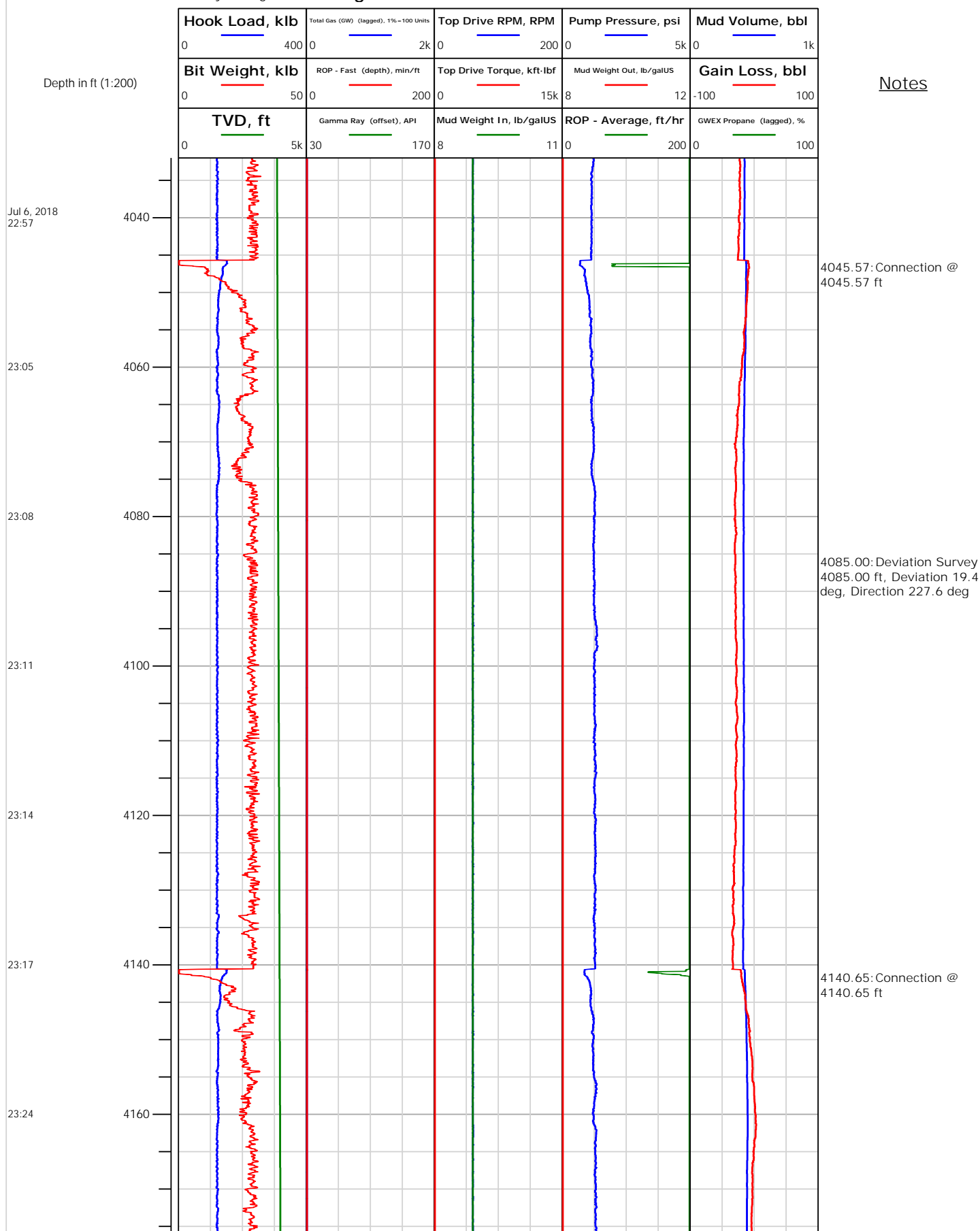
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Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





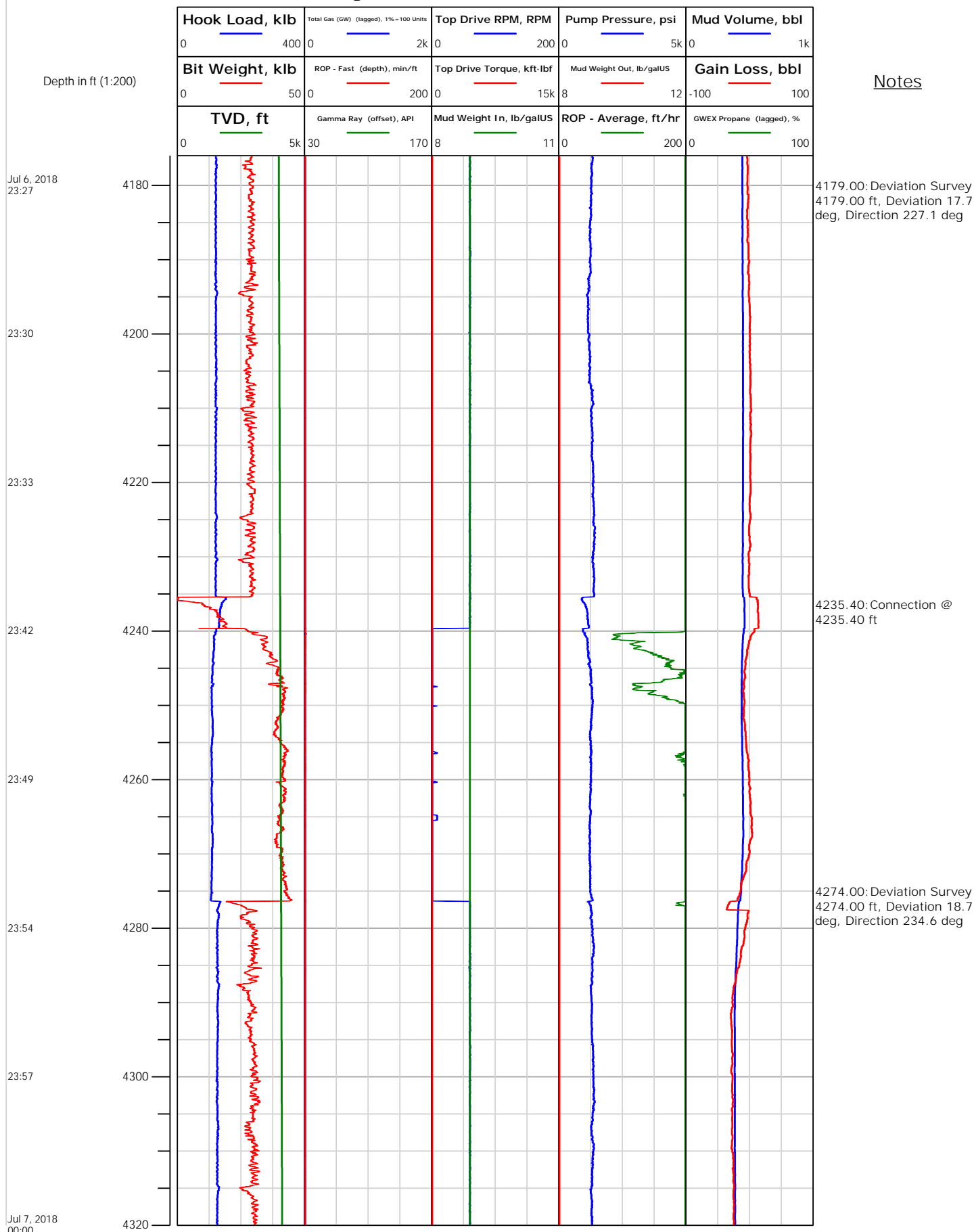
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





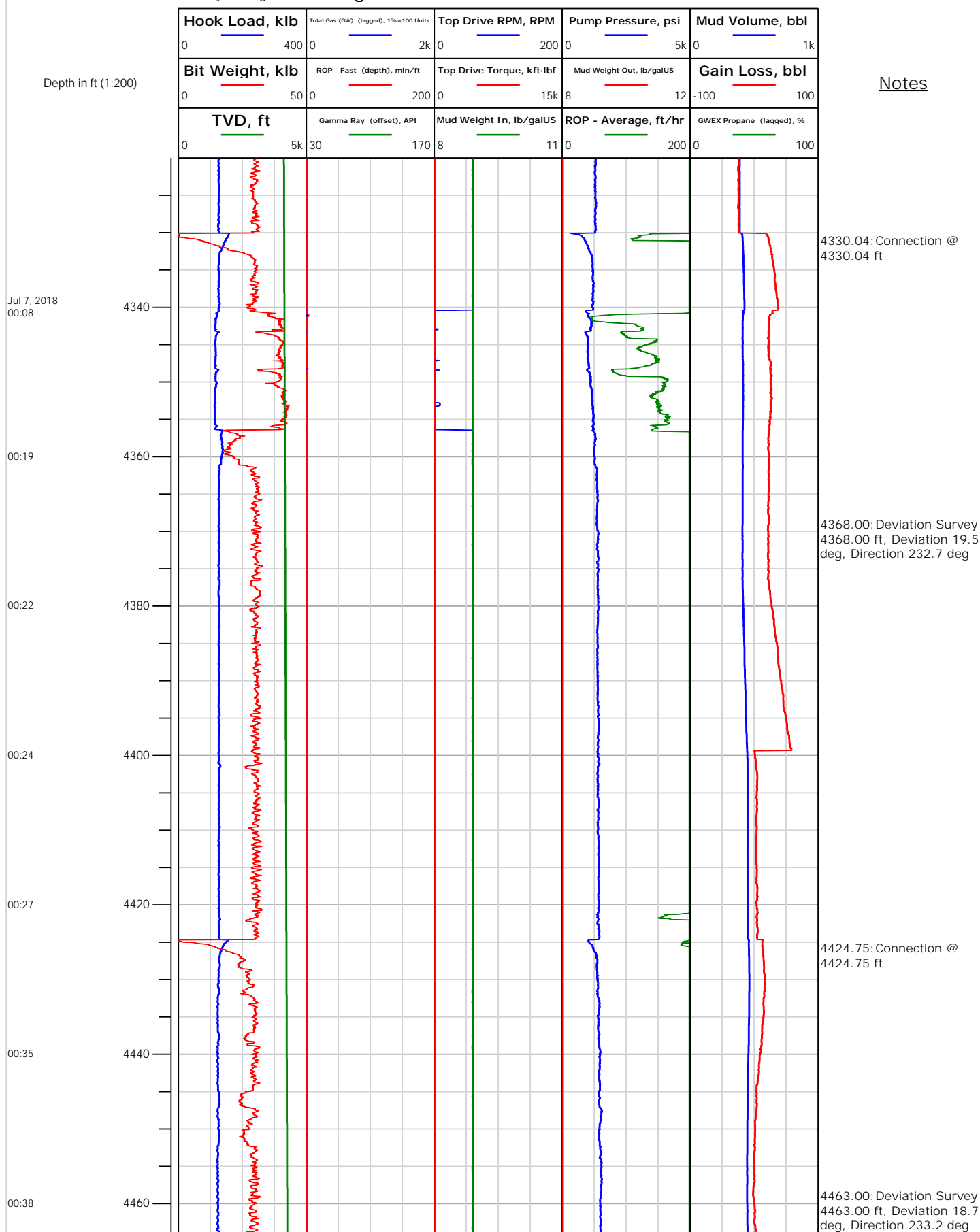
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Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





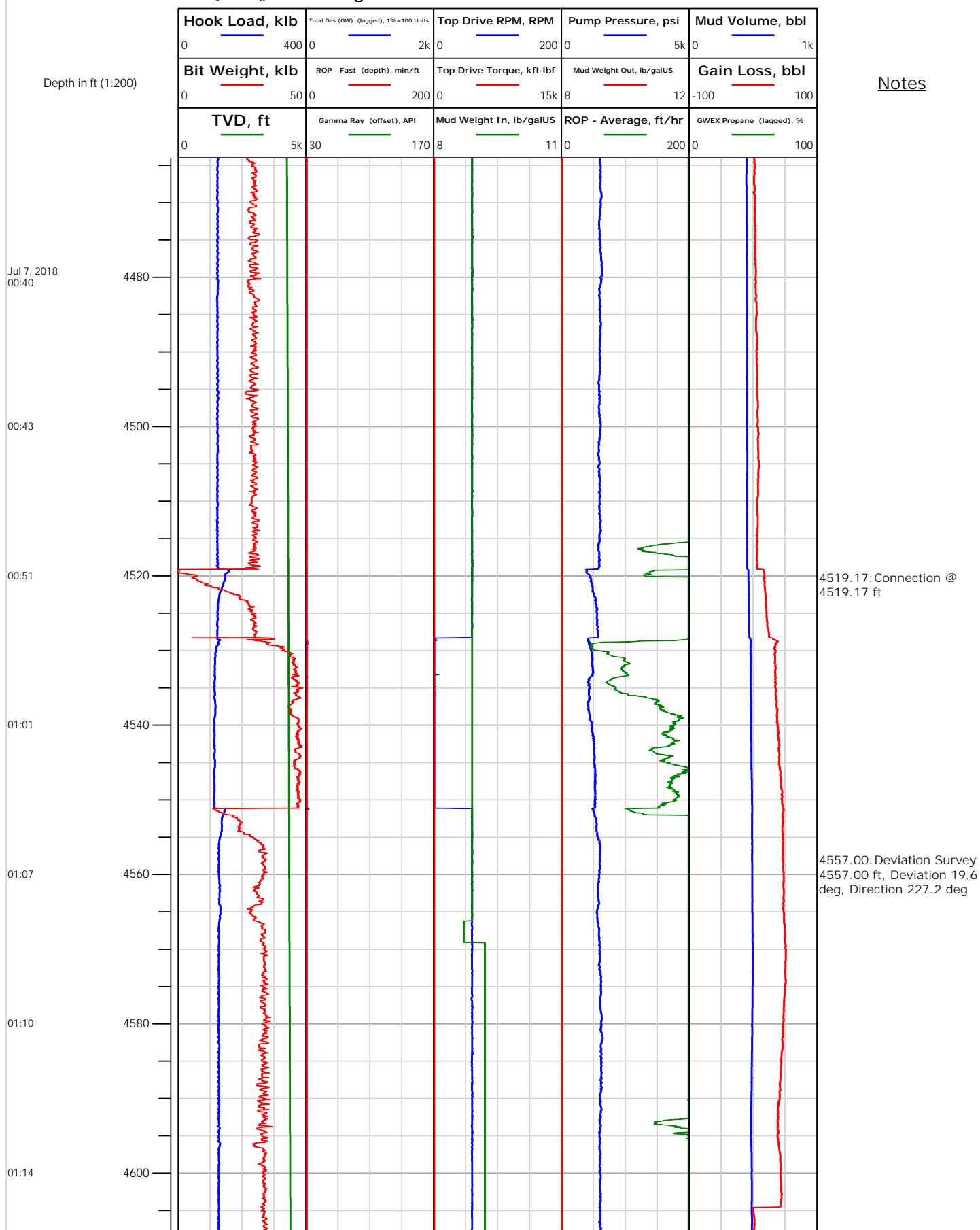
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





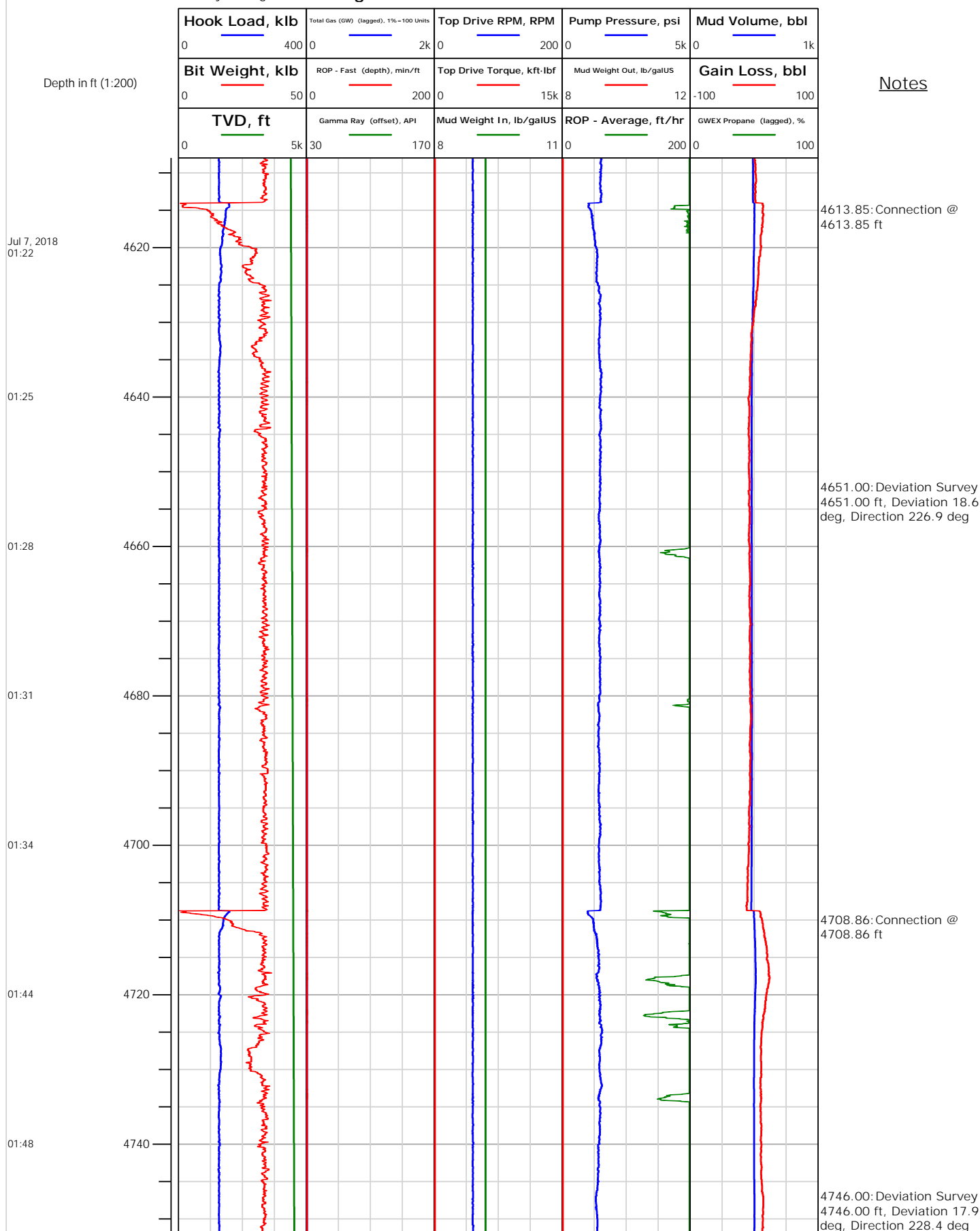
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes

Depth in ft (1:200)

Jul 7, 2018
01:50

01:52

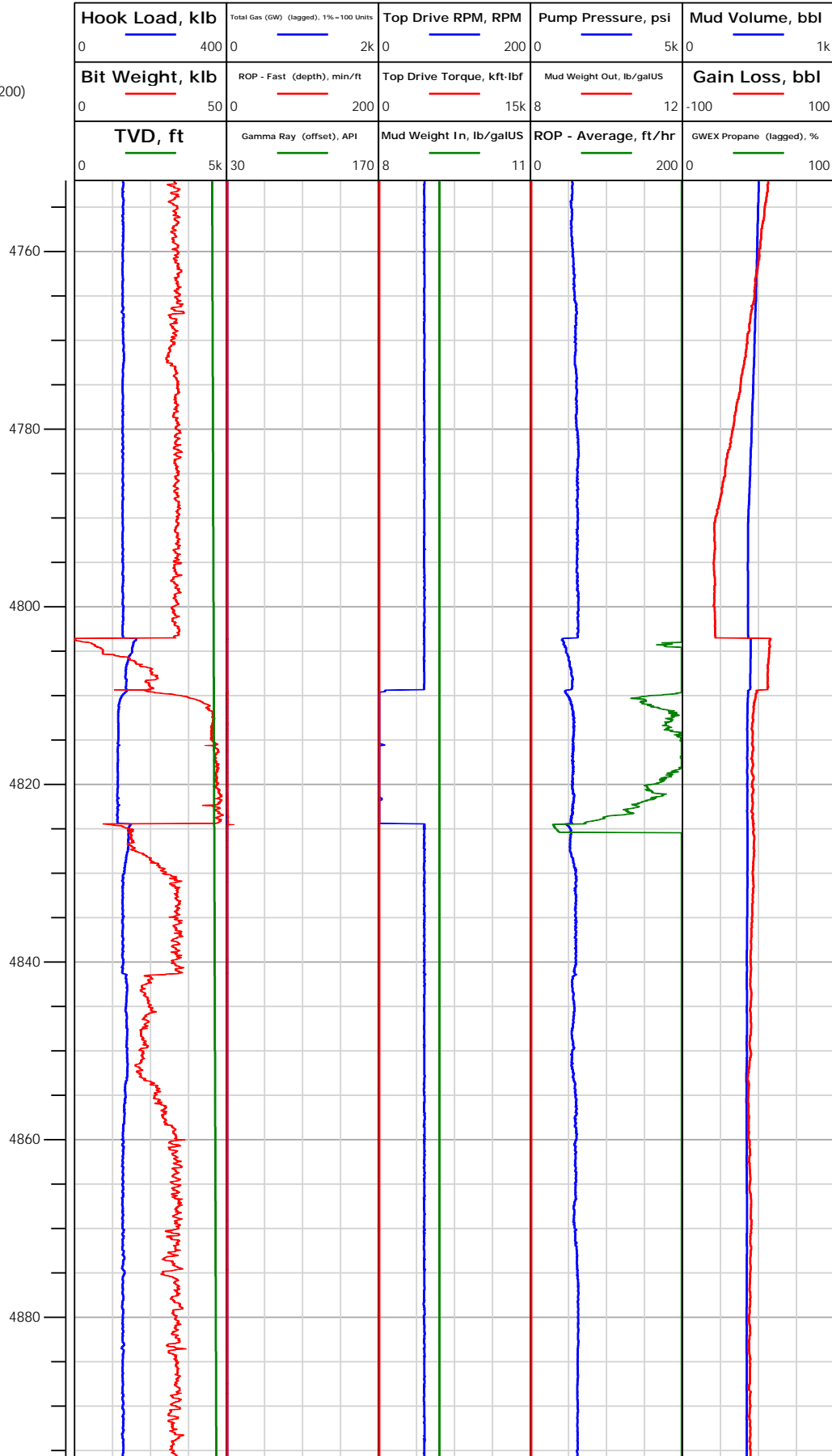
01:55

02:07

02:14

02:18

02:21





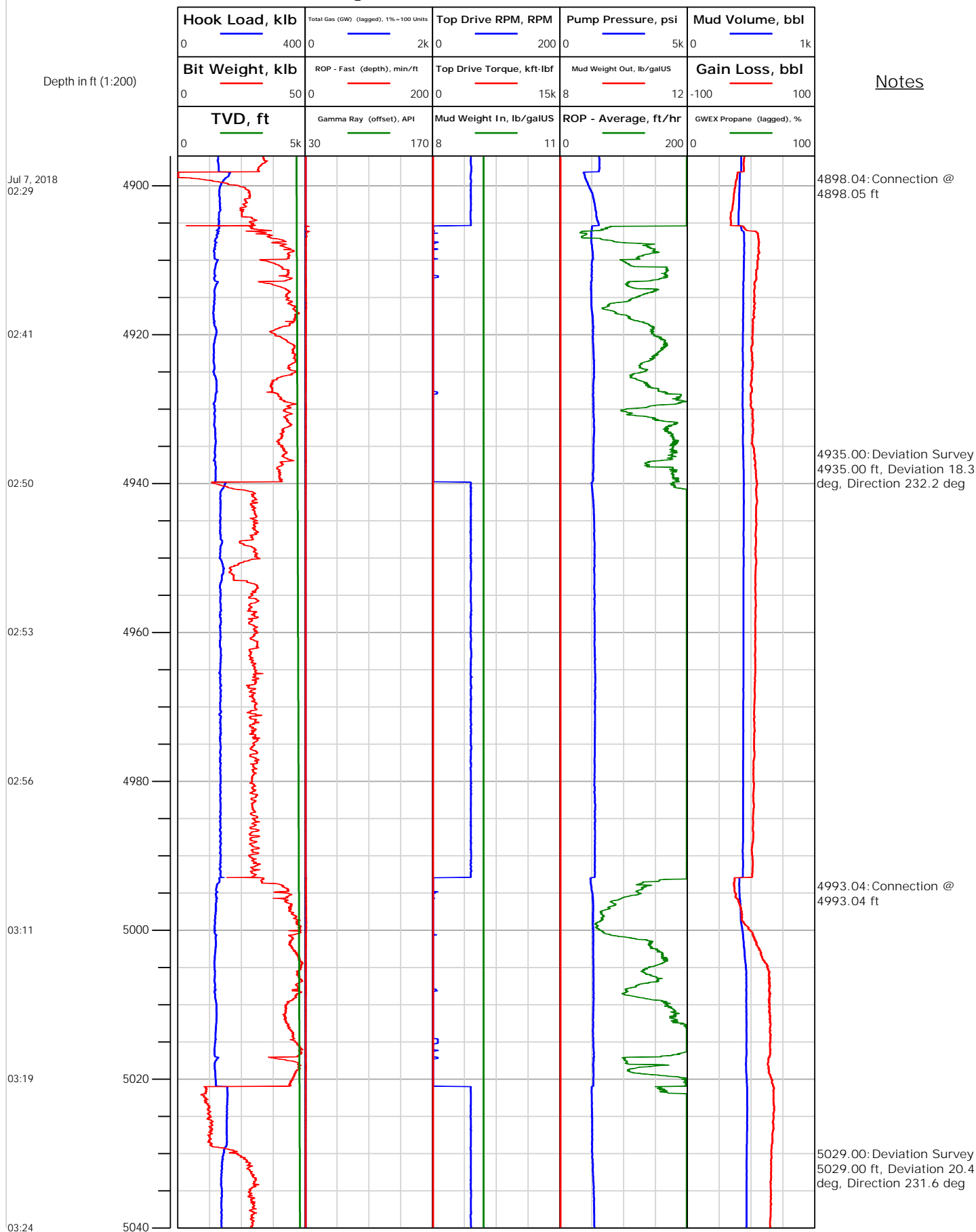
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





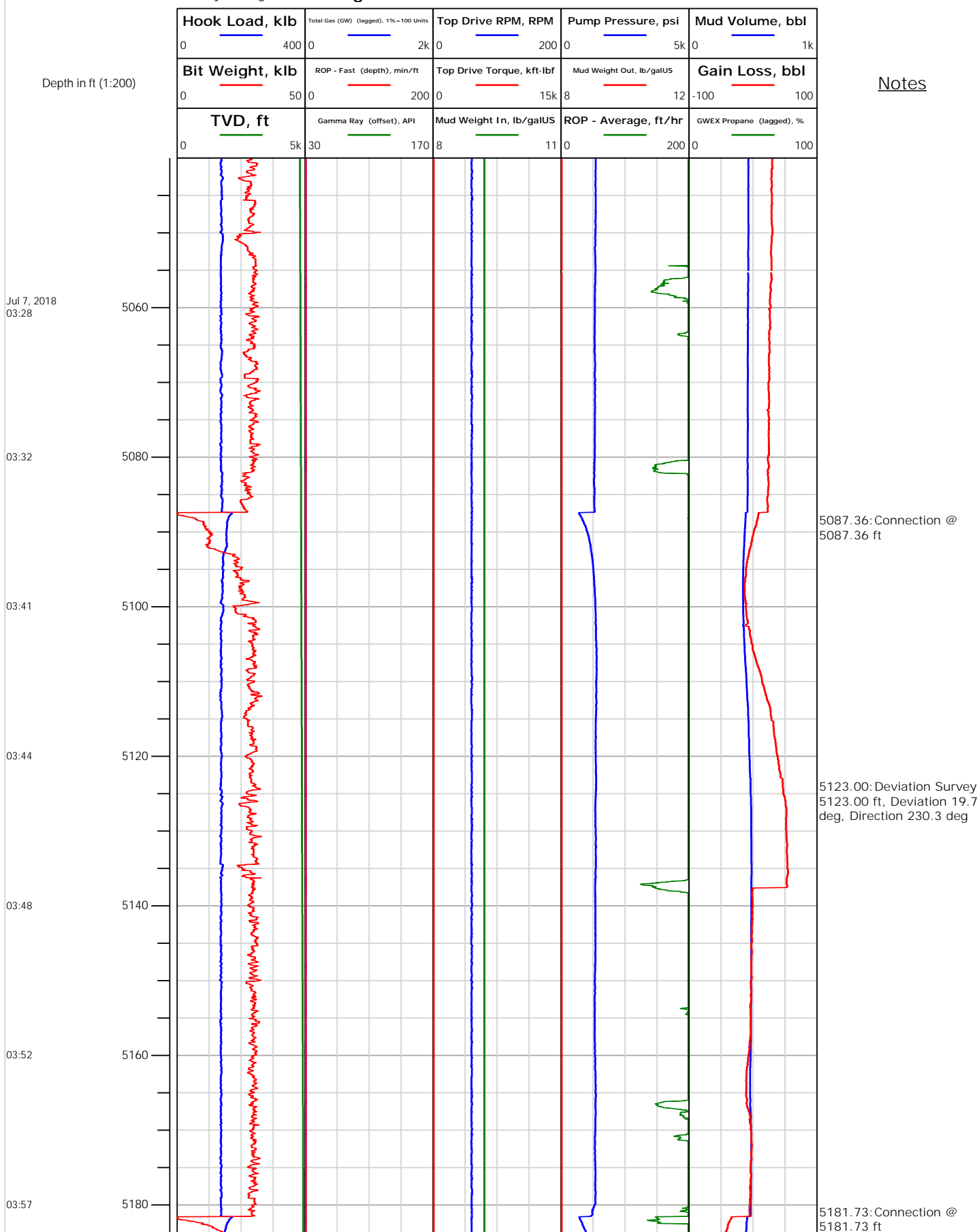
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





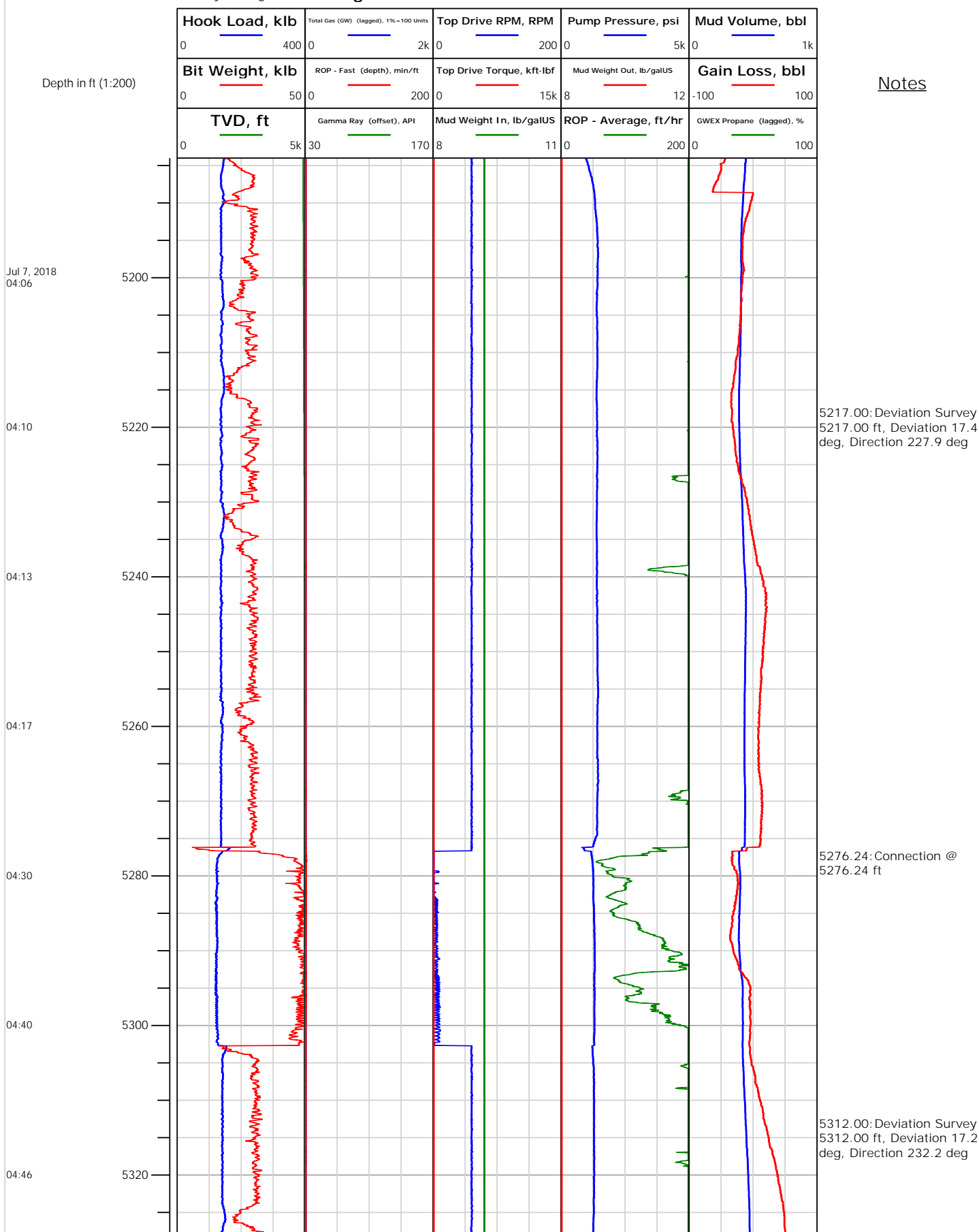
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





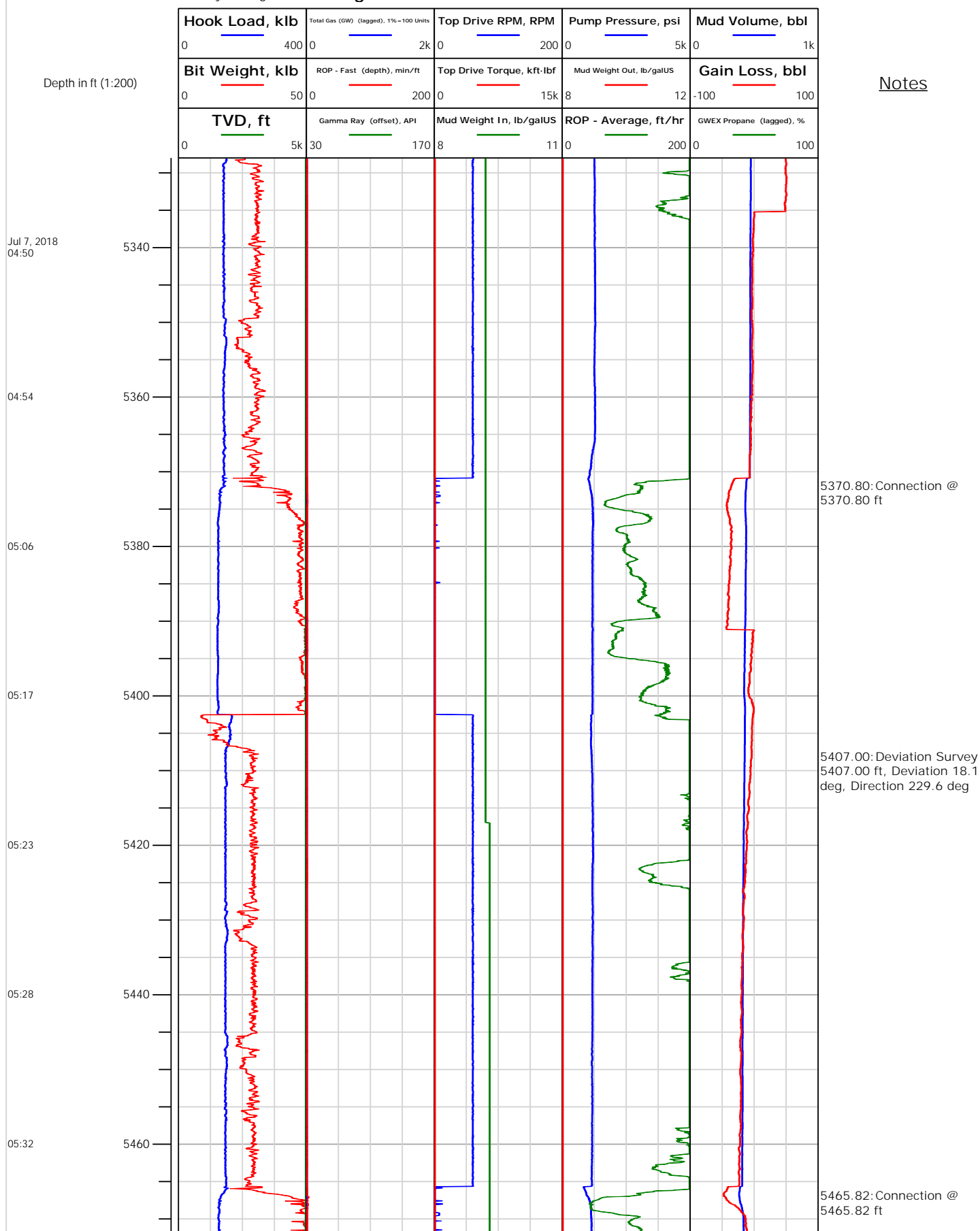
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





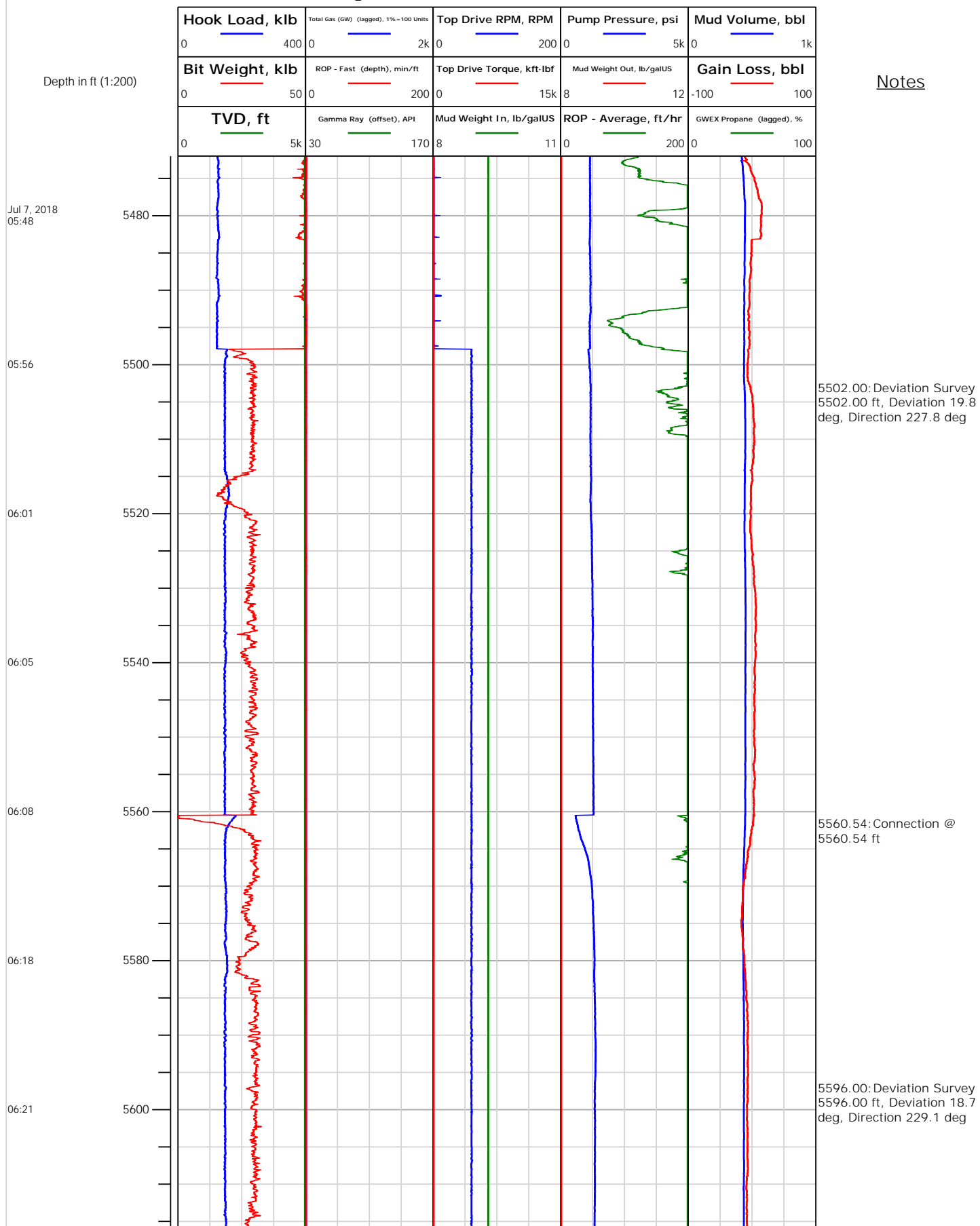
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





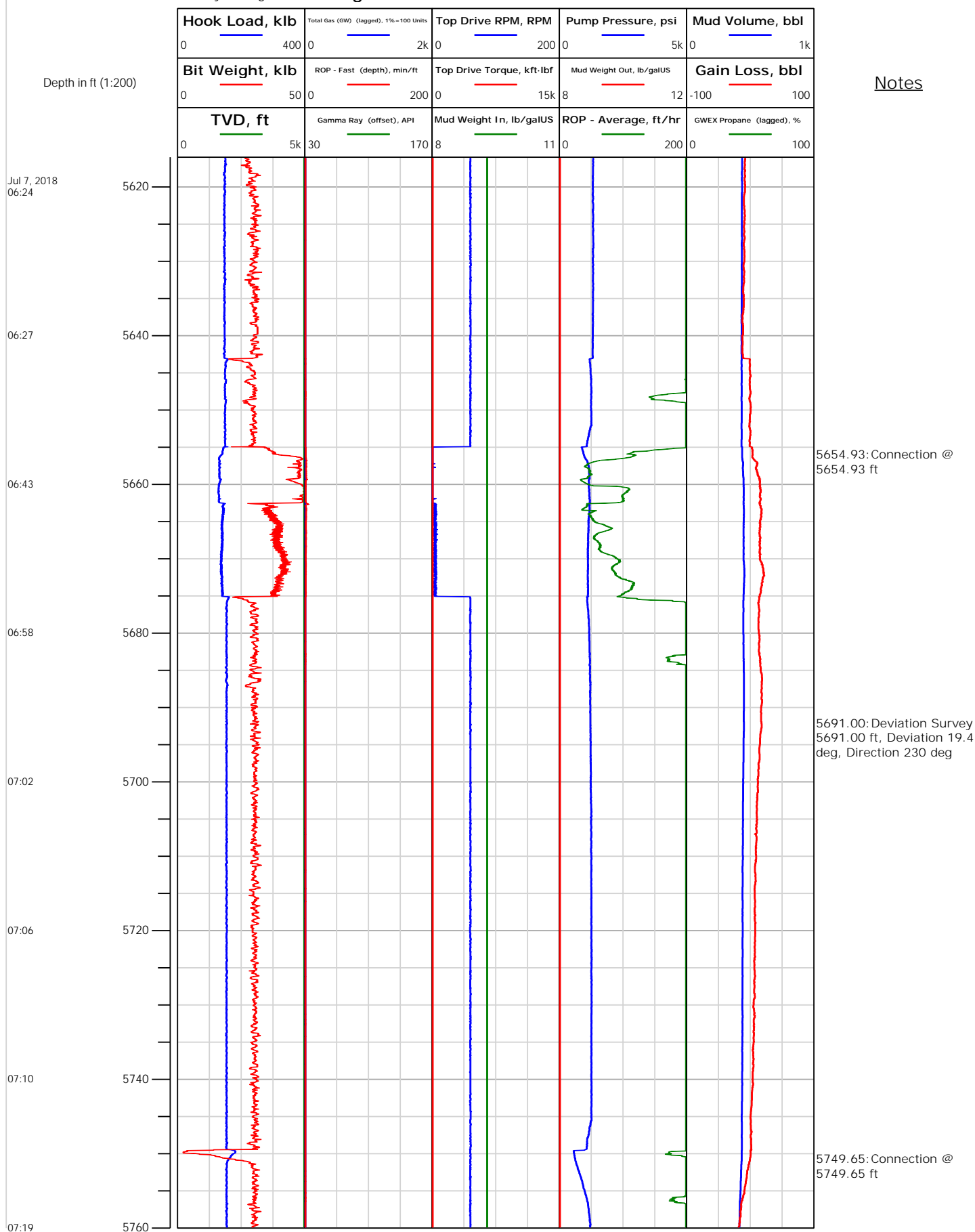
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





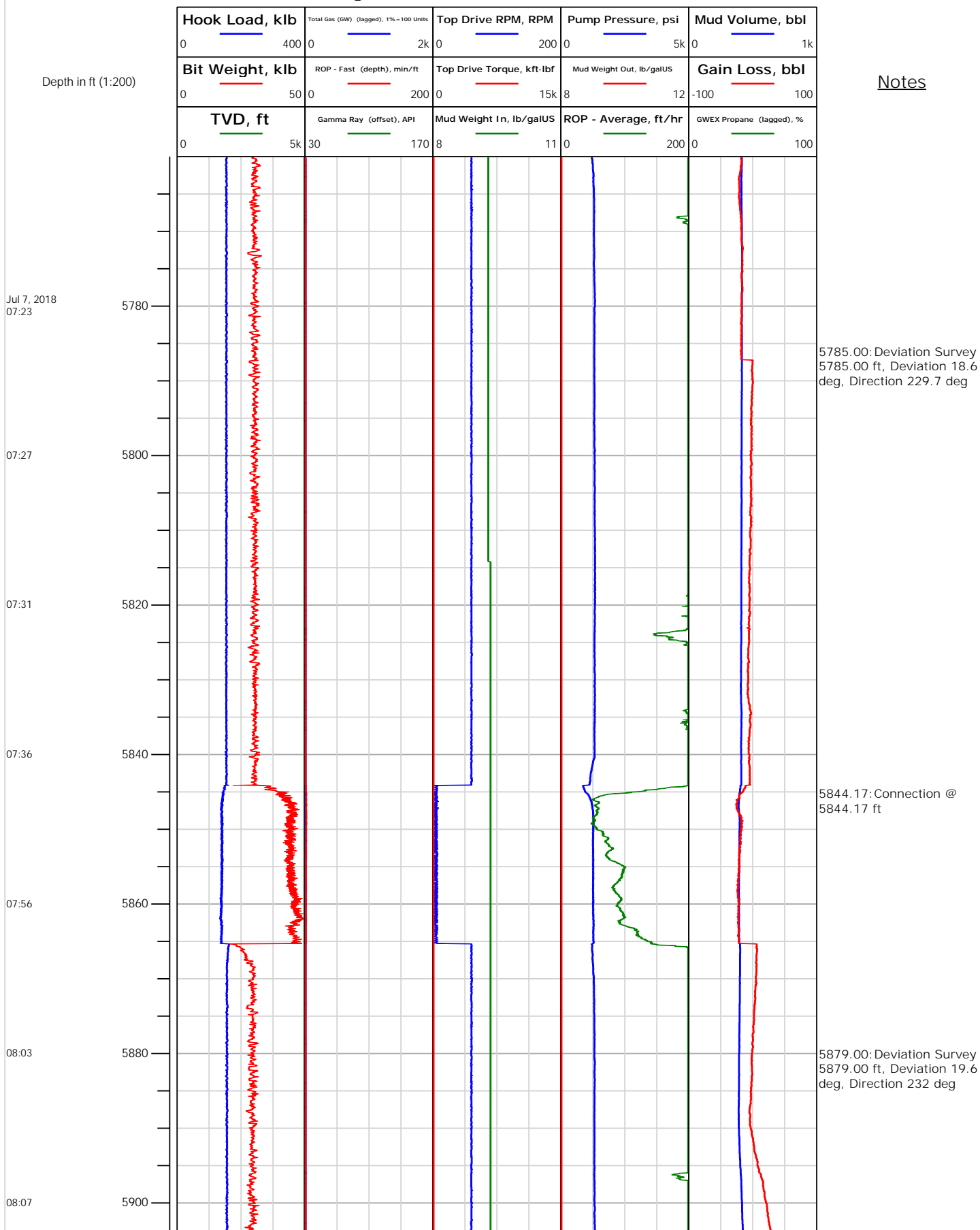
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





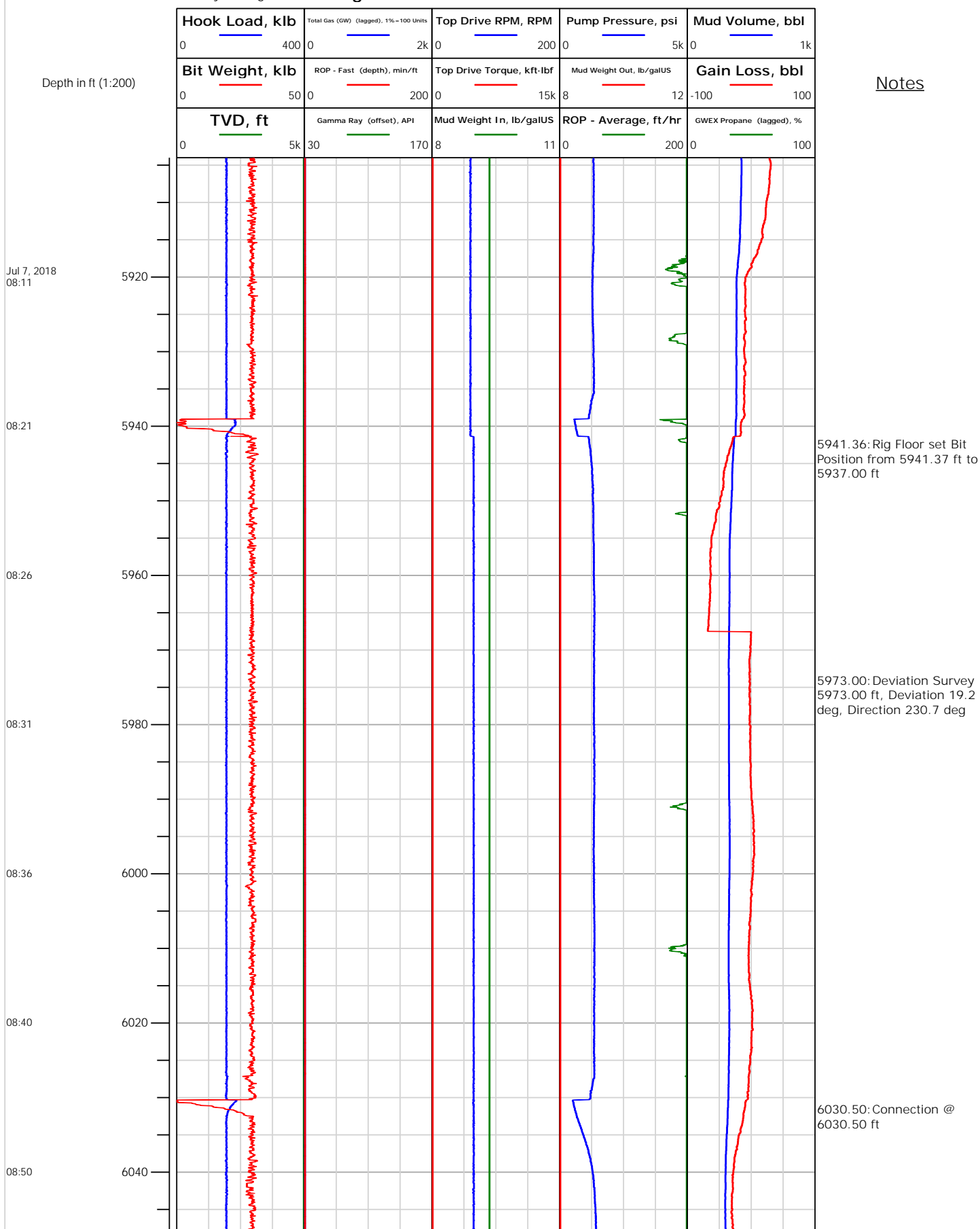
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





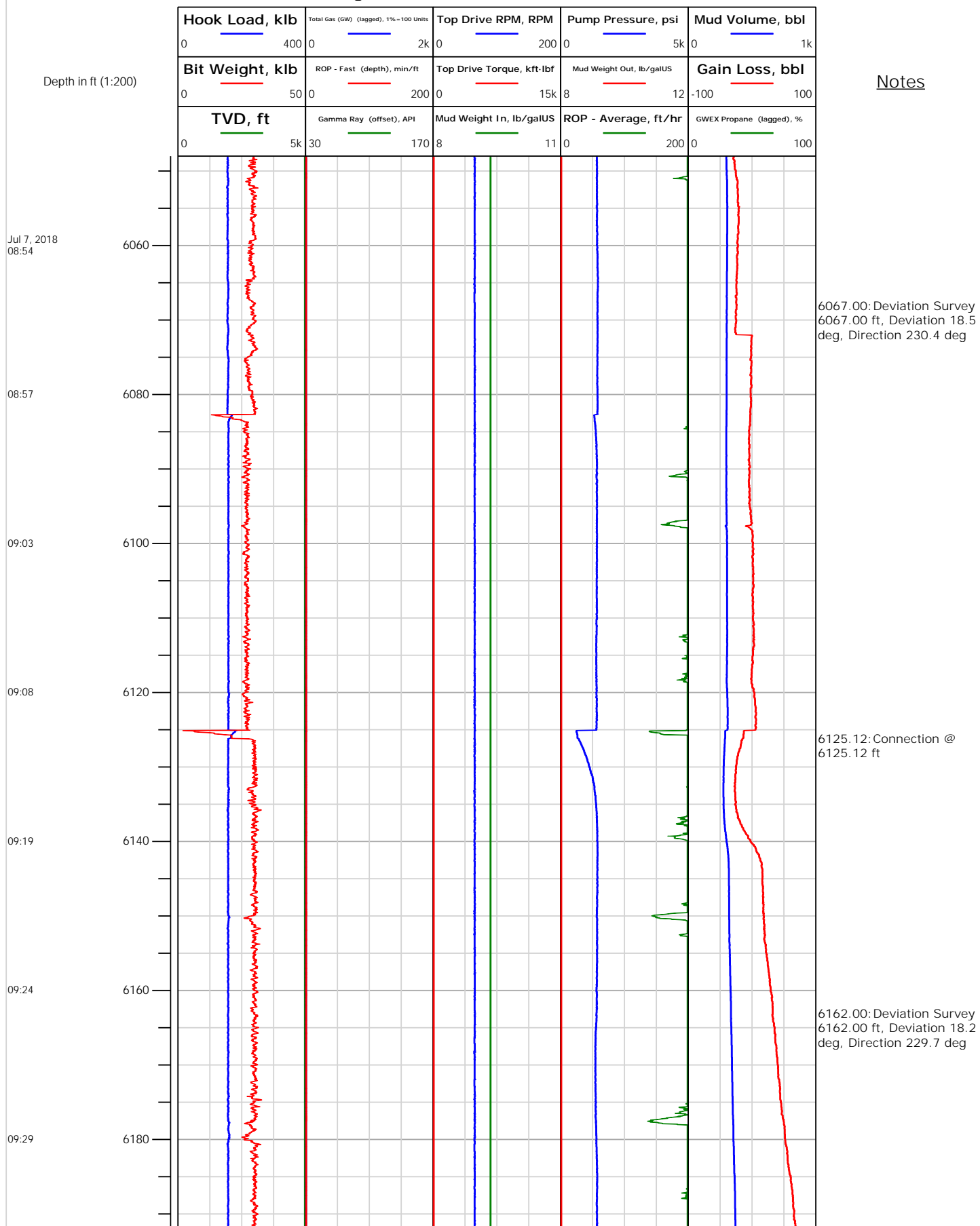
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Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





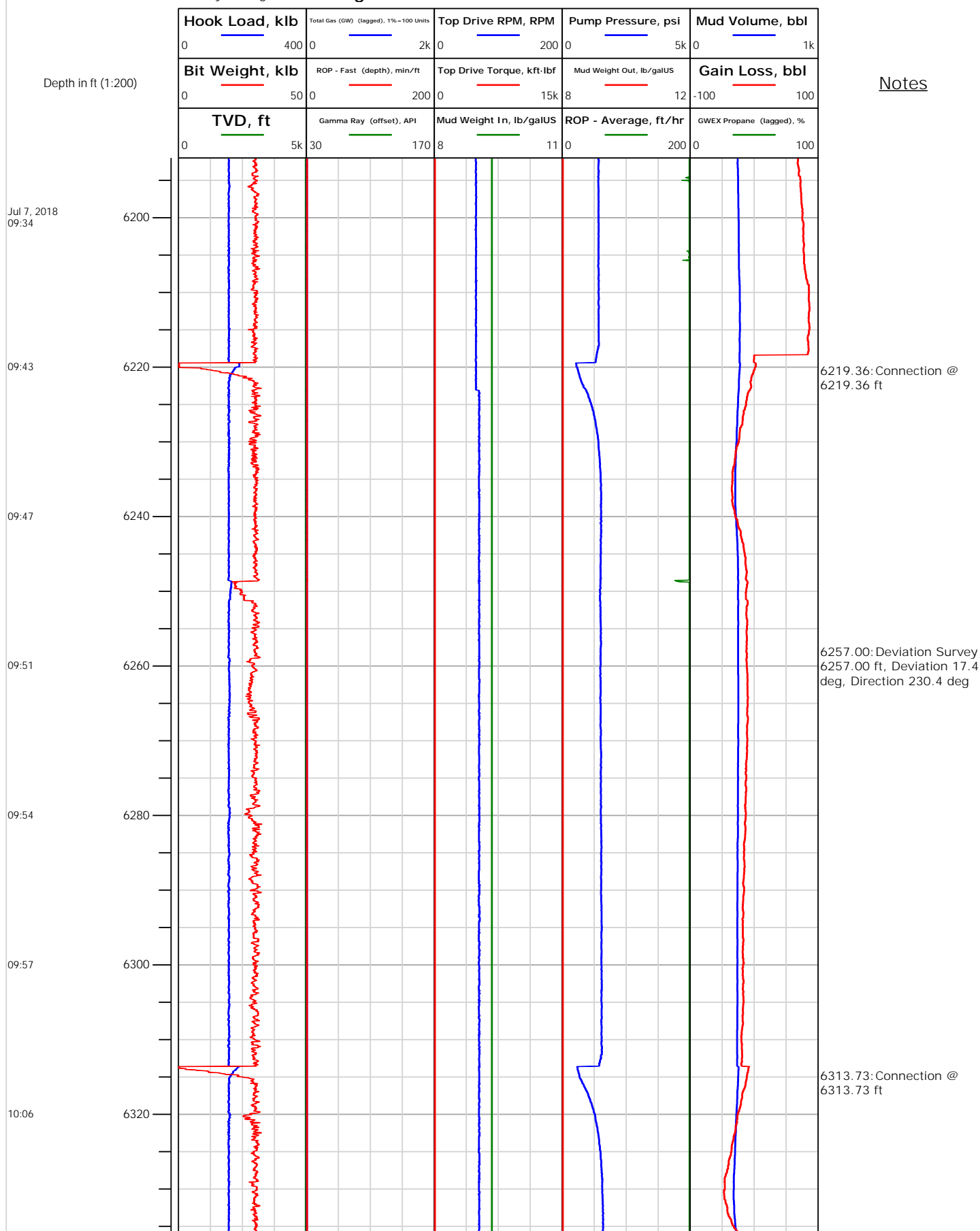
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Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





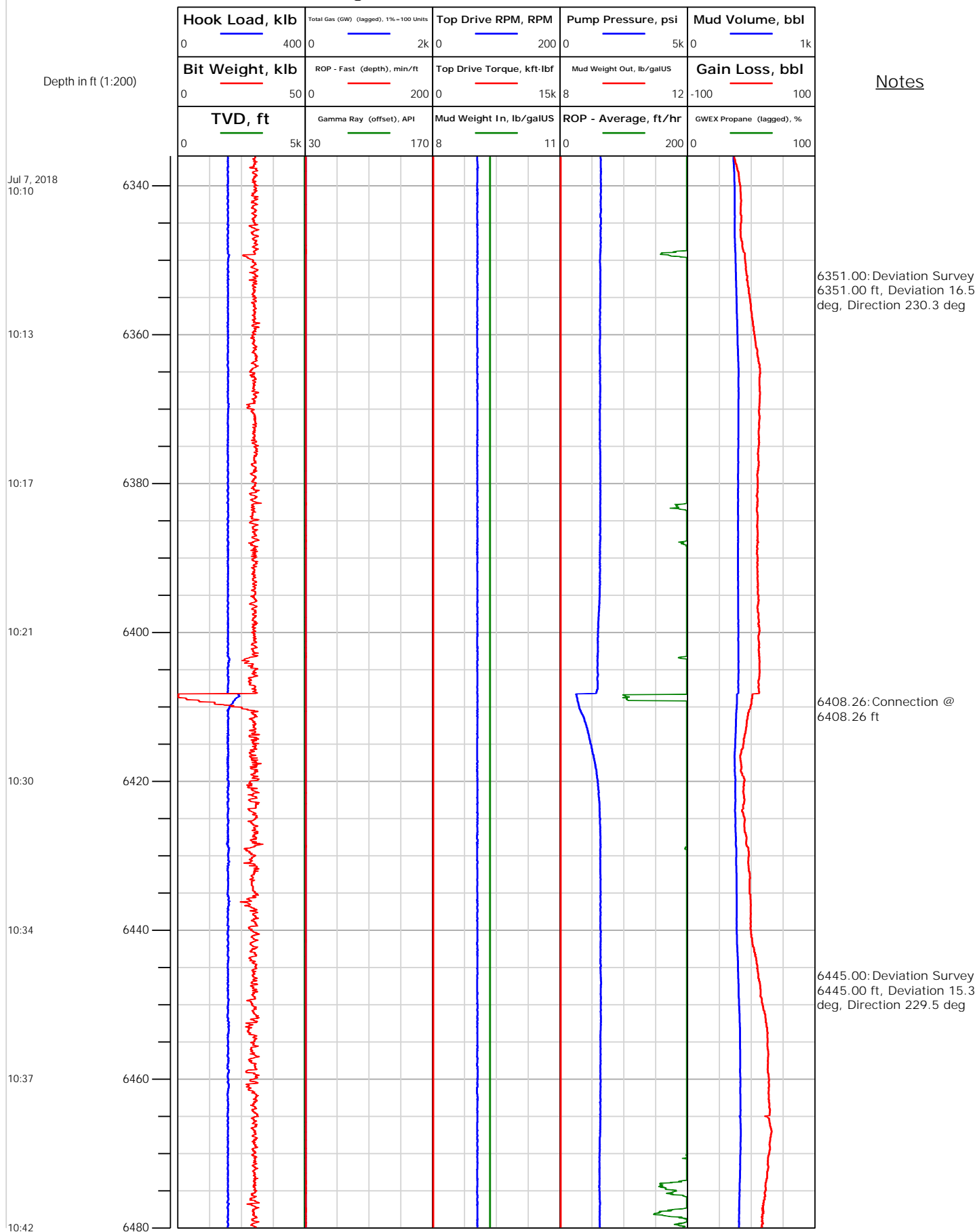
Electronic Drilling Recorder

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Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





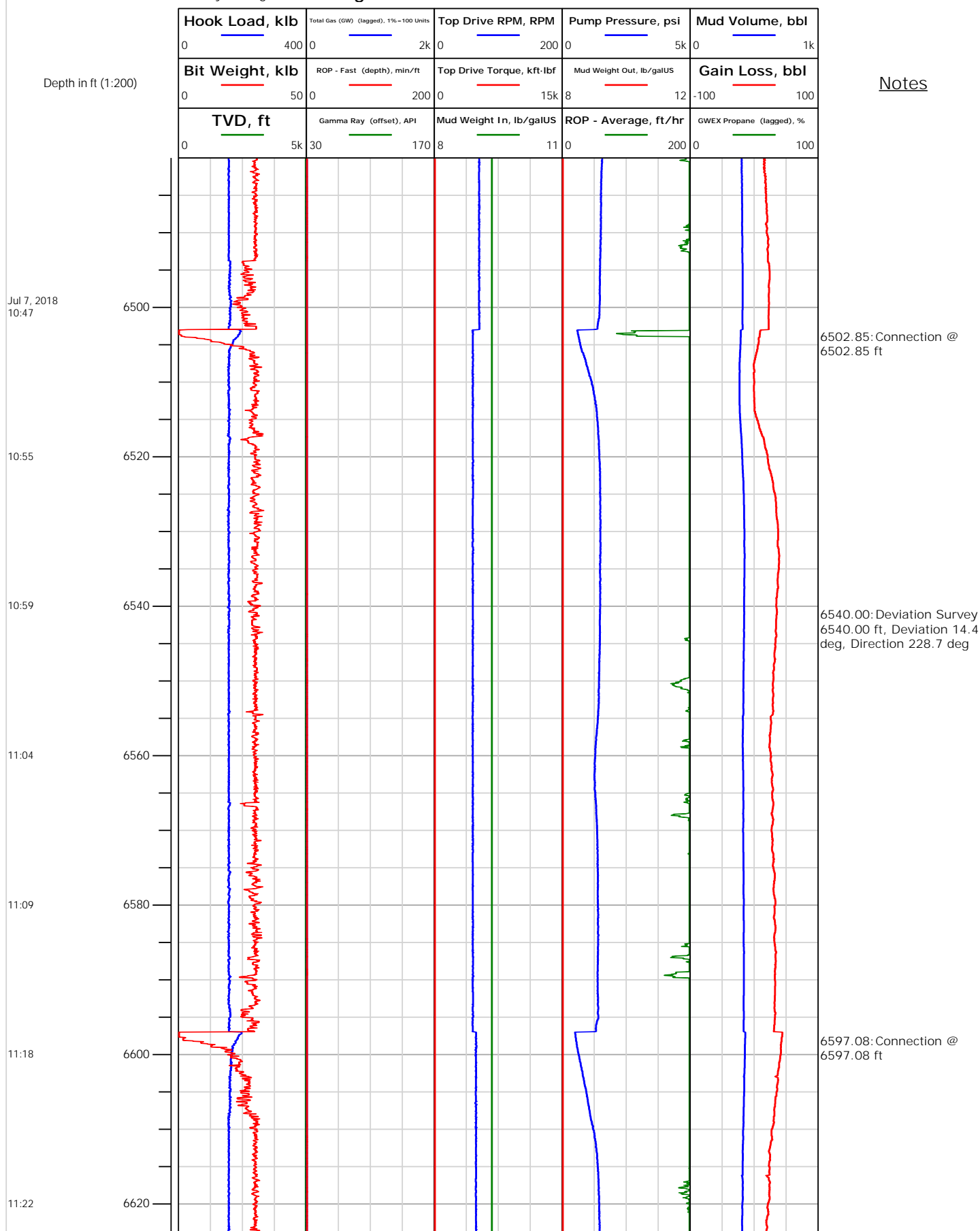
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





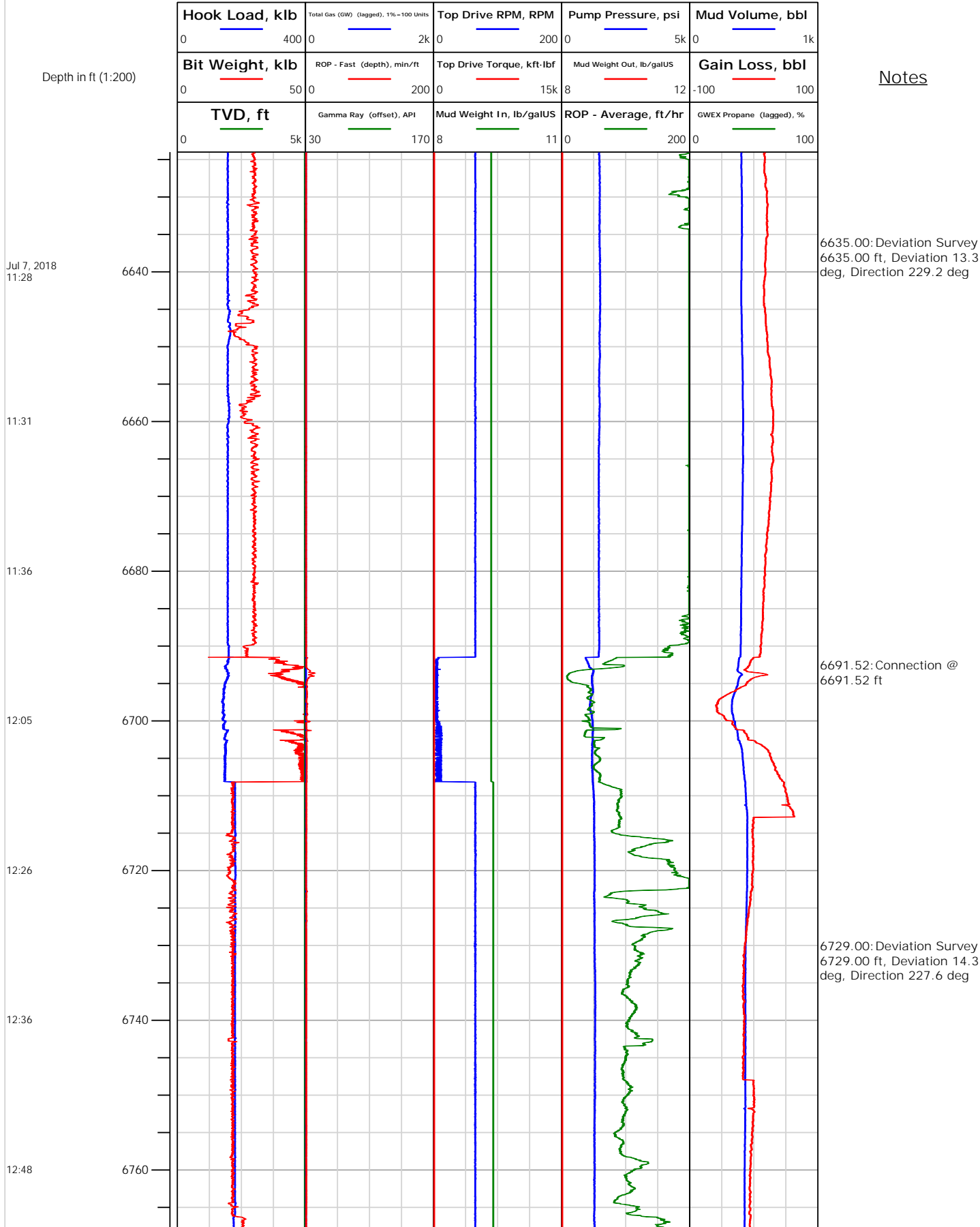
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Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





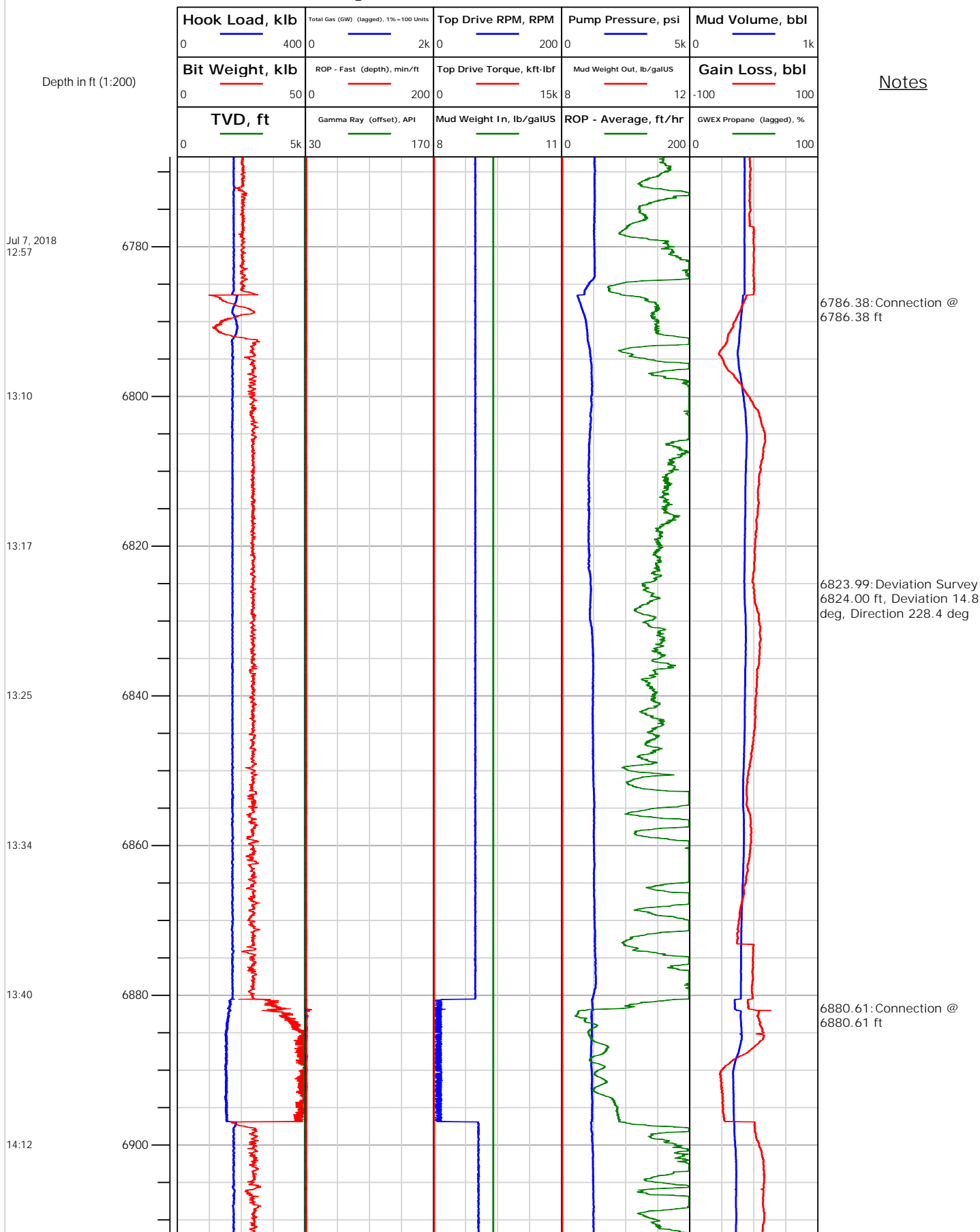
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Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





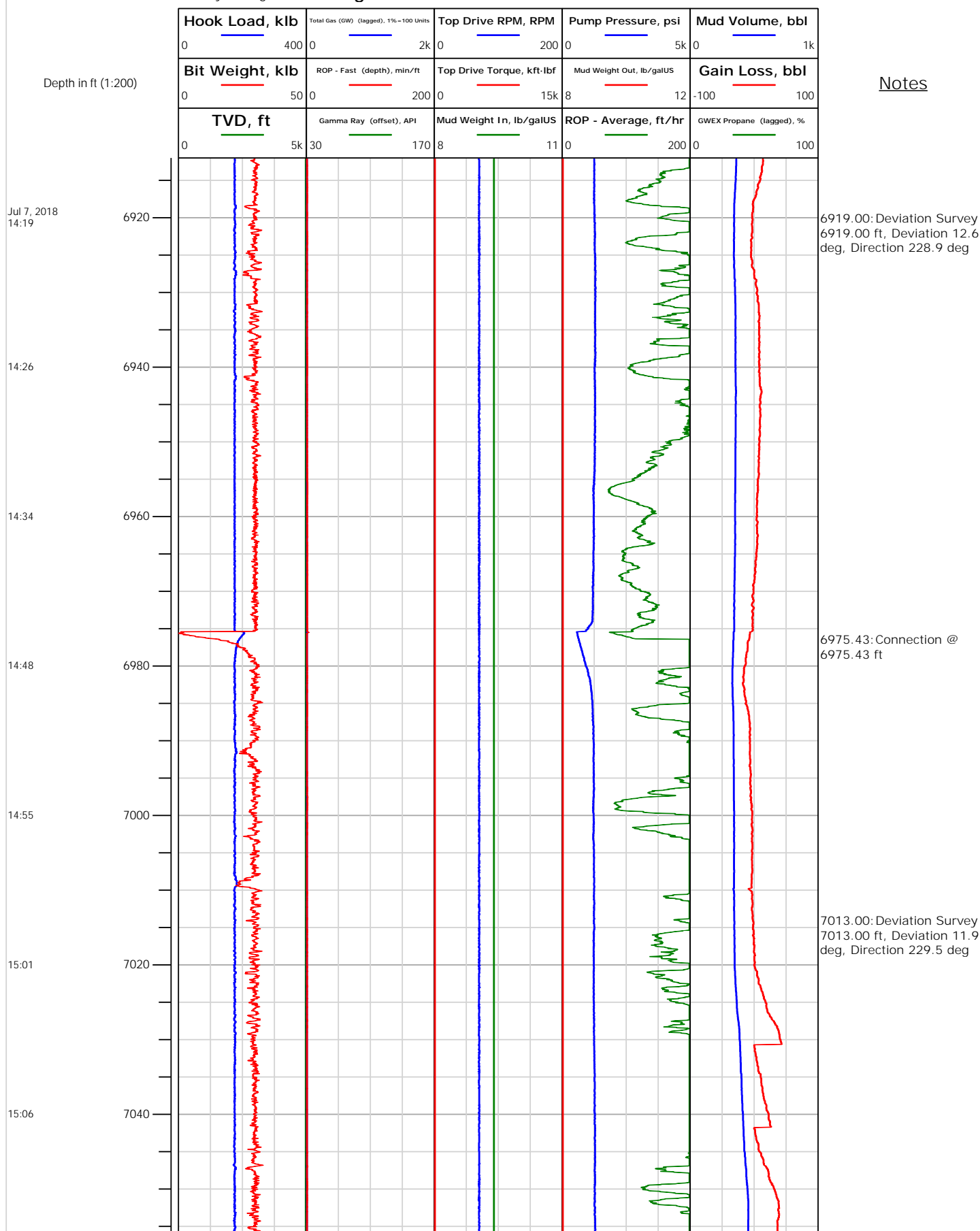
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Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





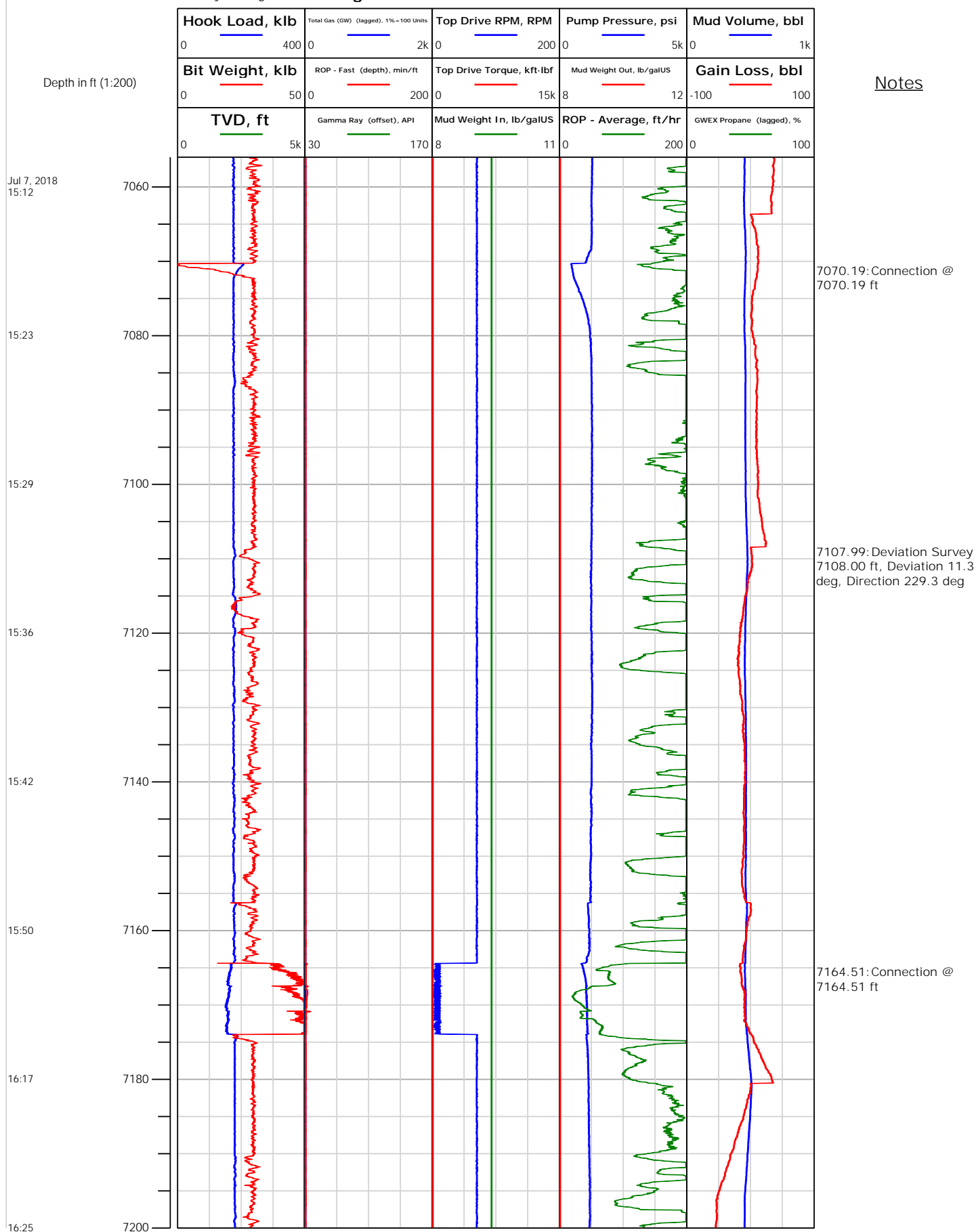
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





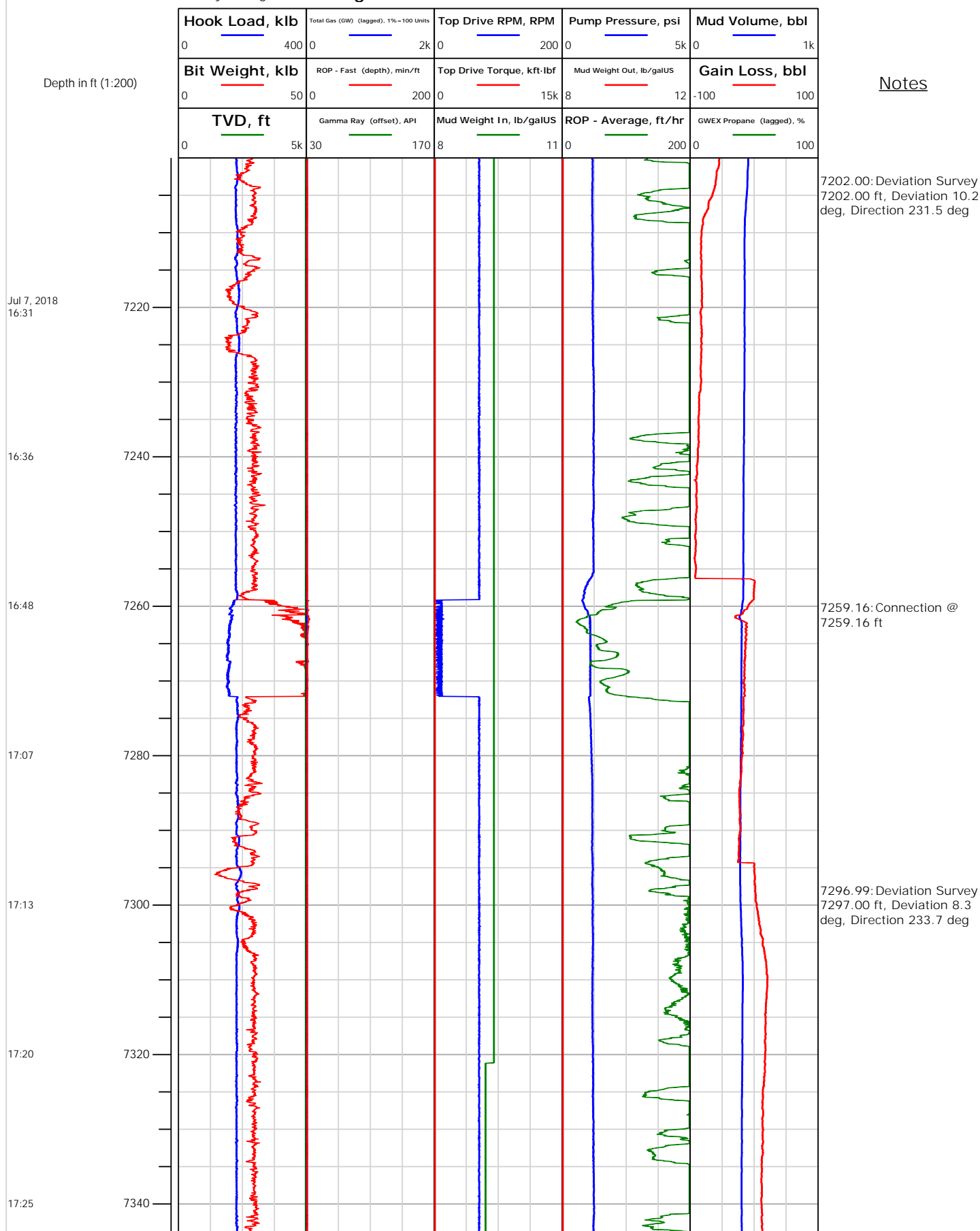
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Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





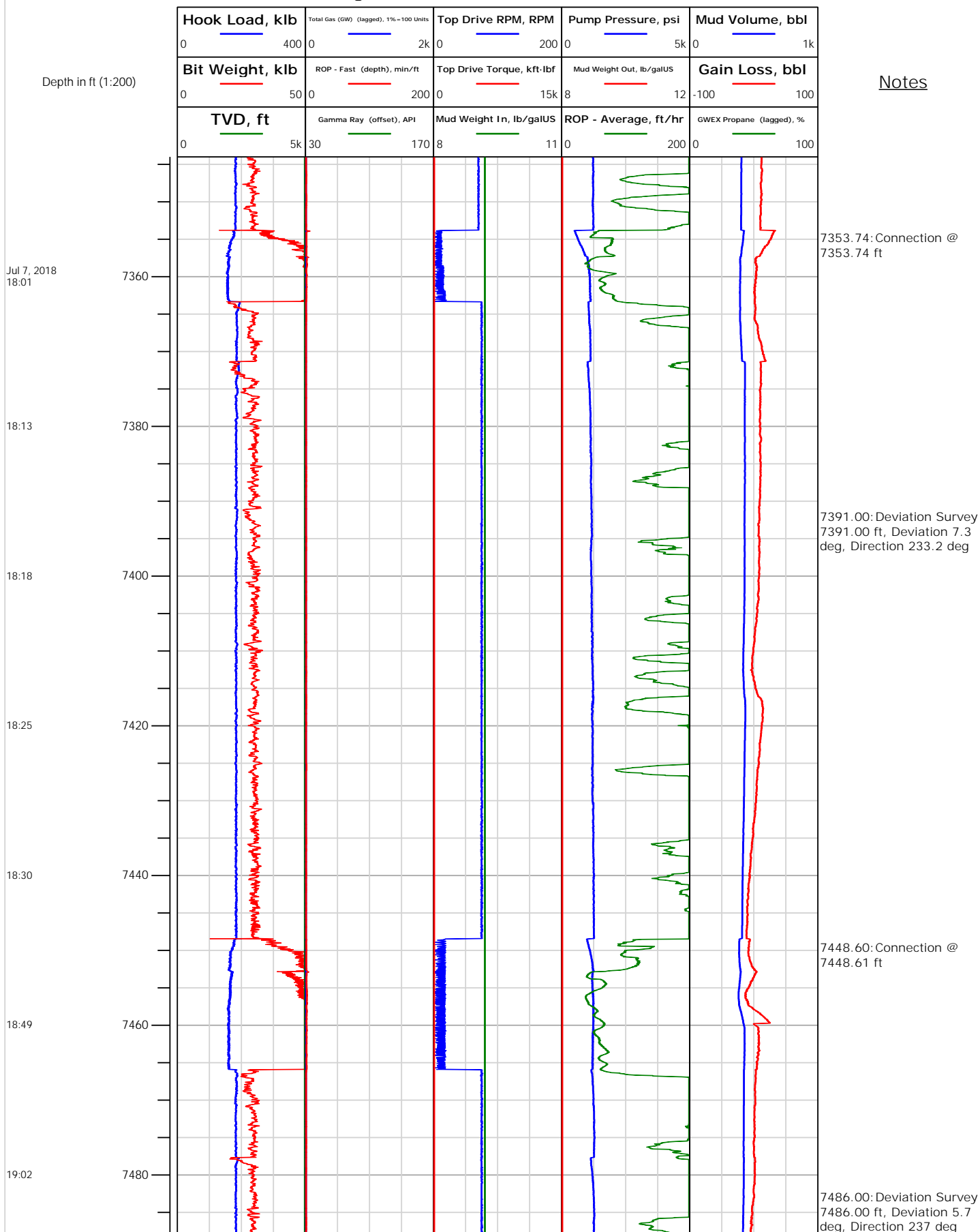
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Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





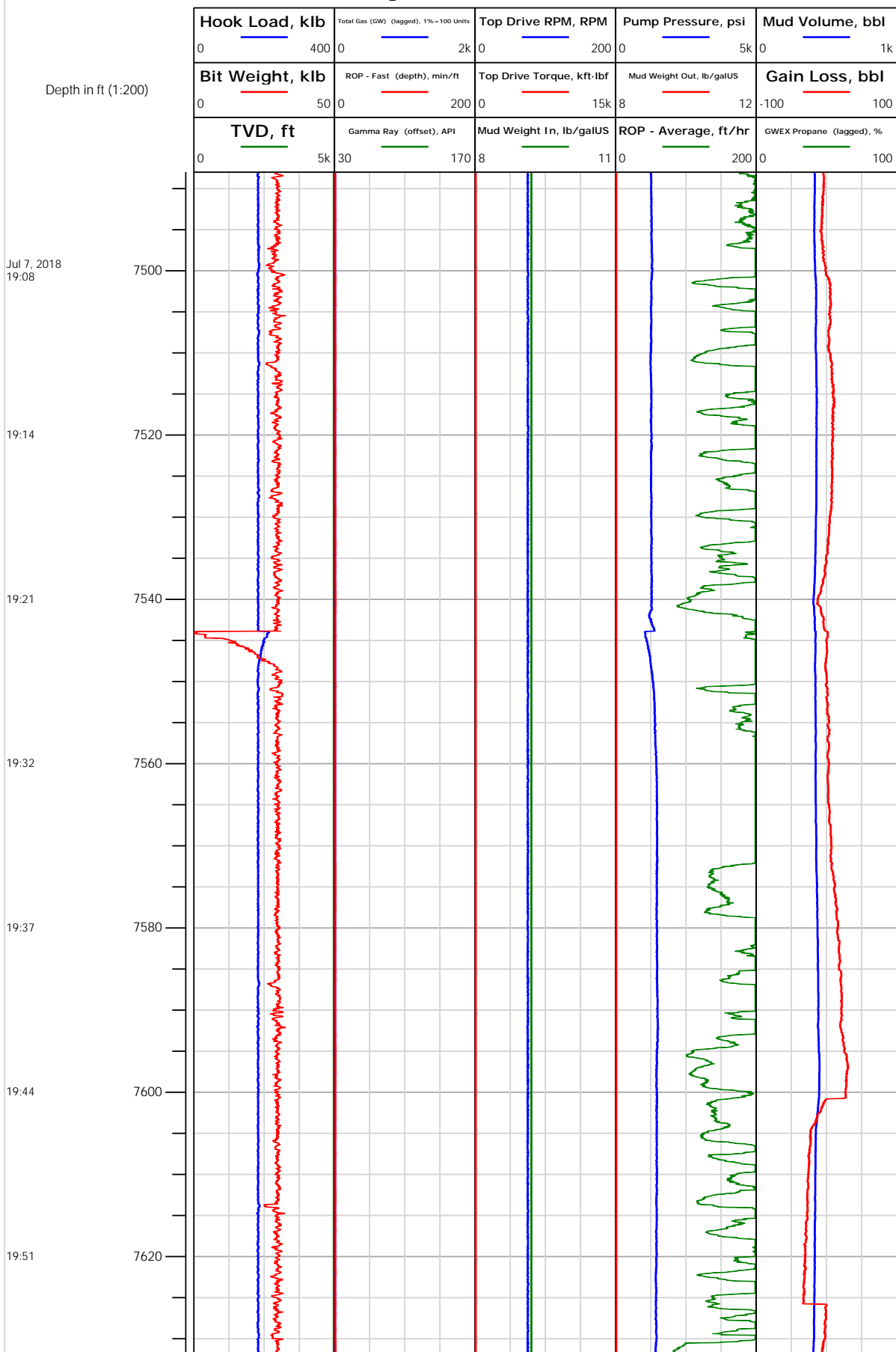
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Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





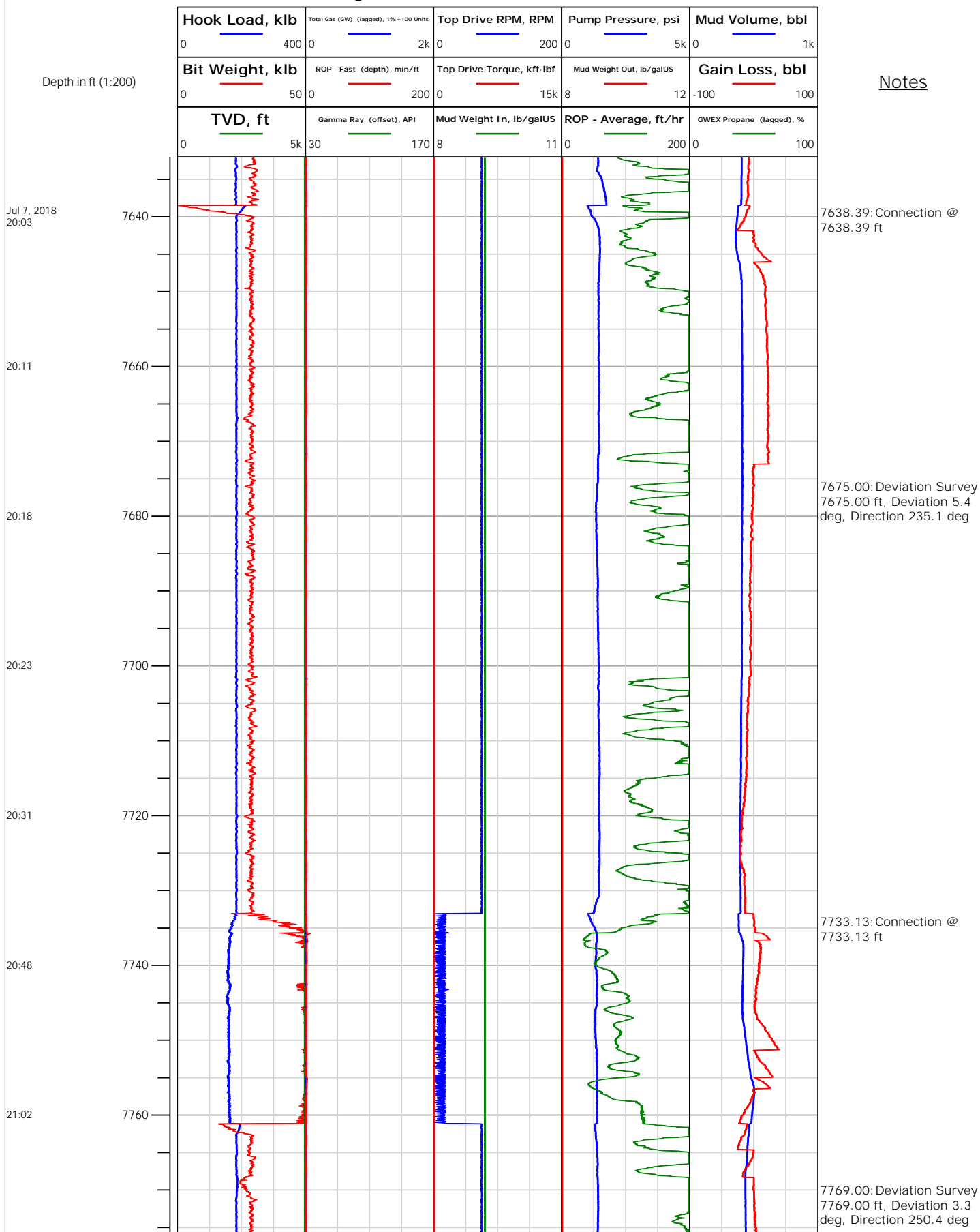
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





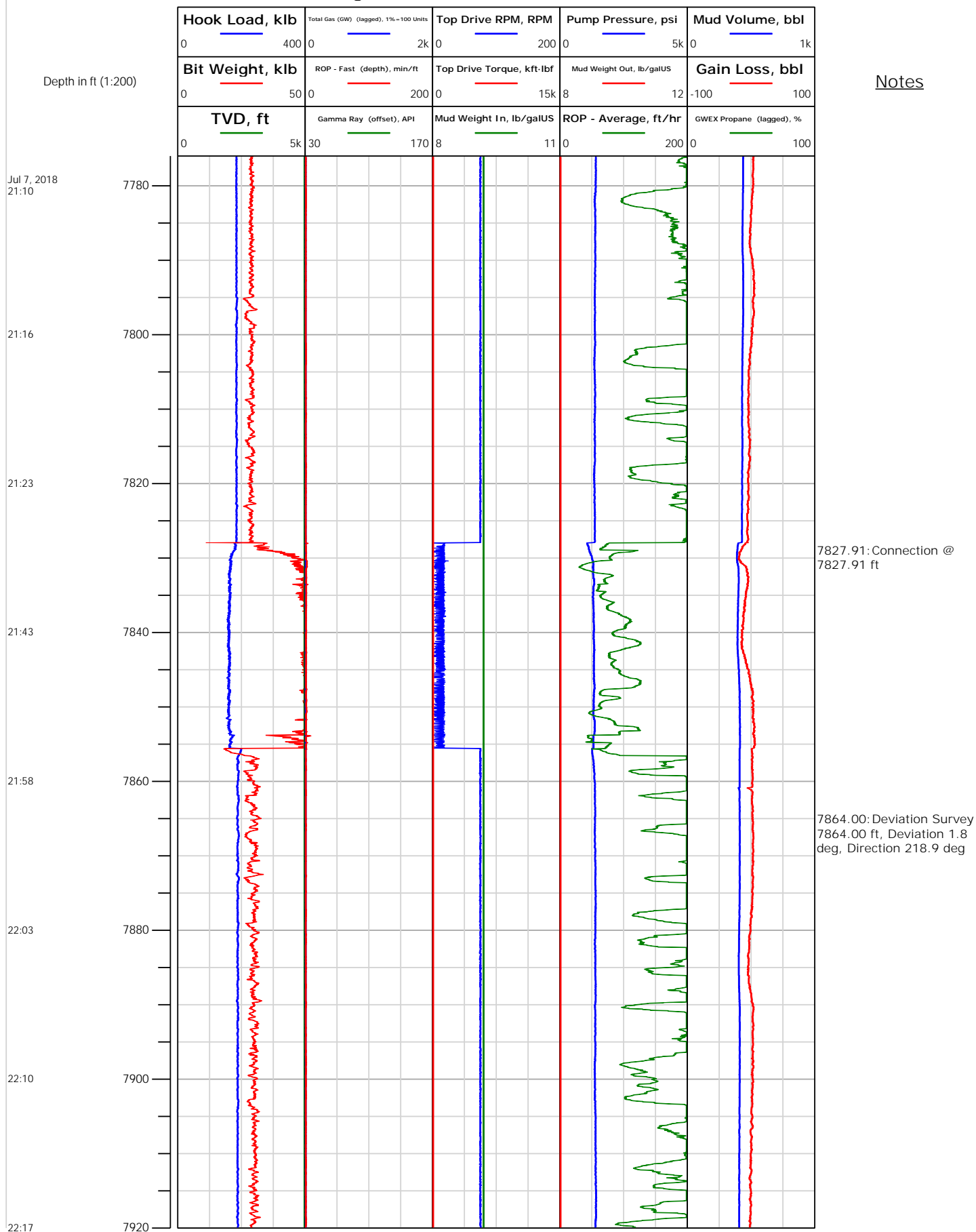
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Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





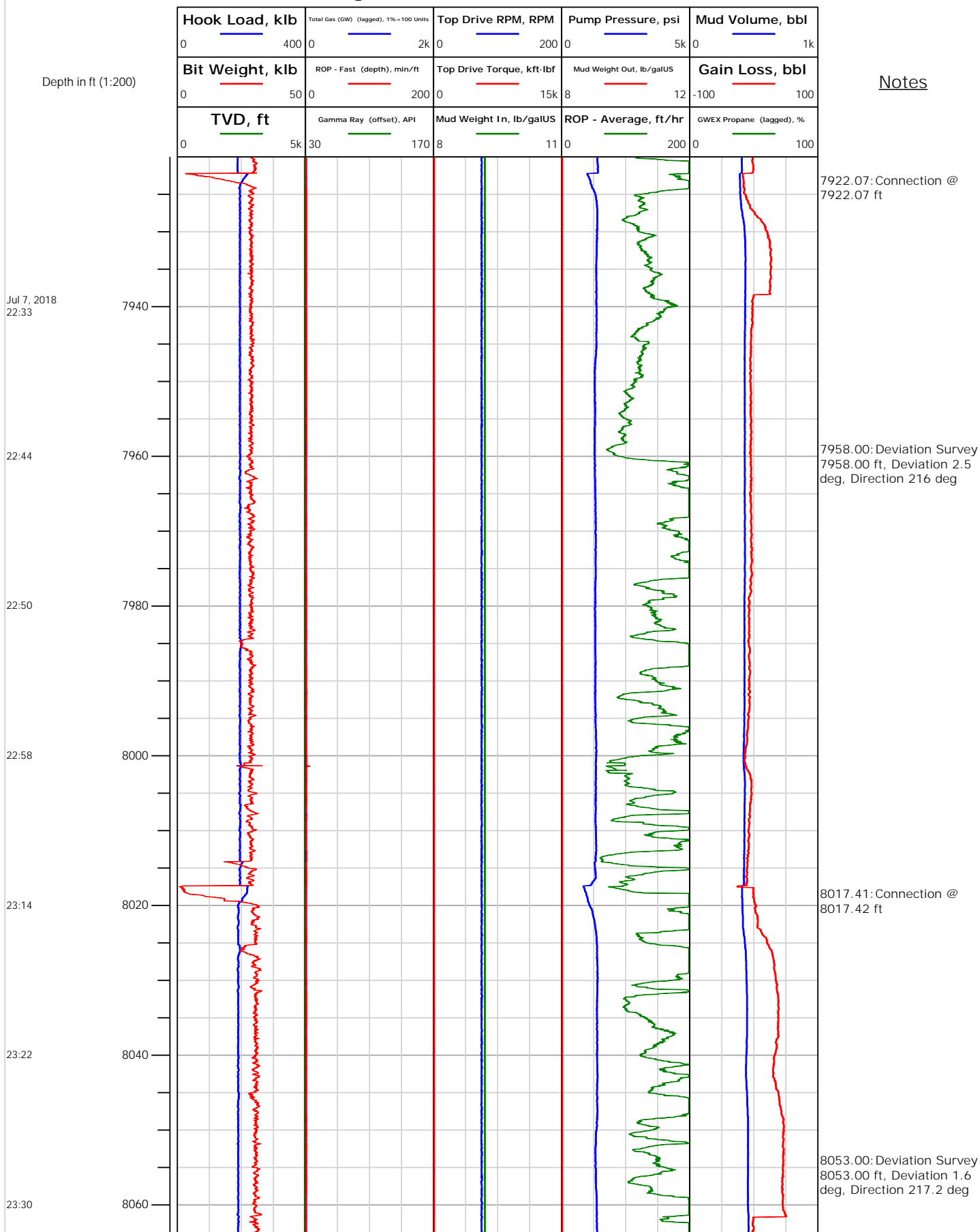
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Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





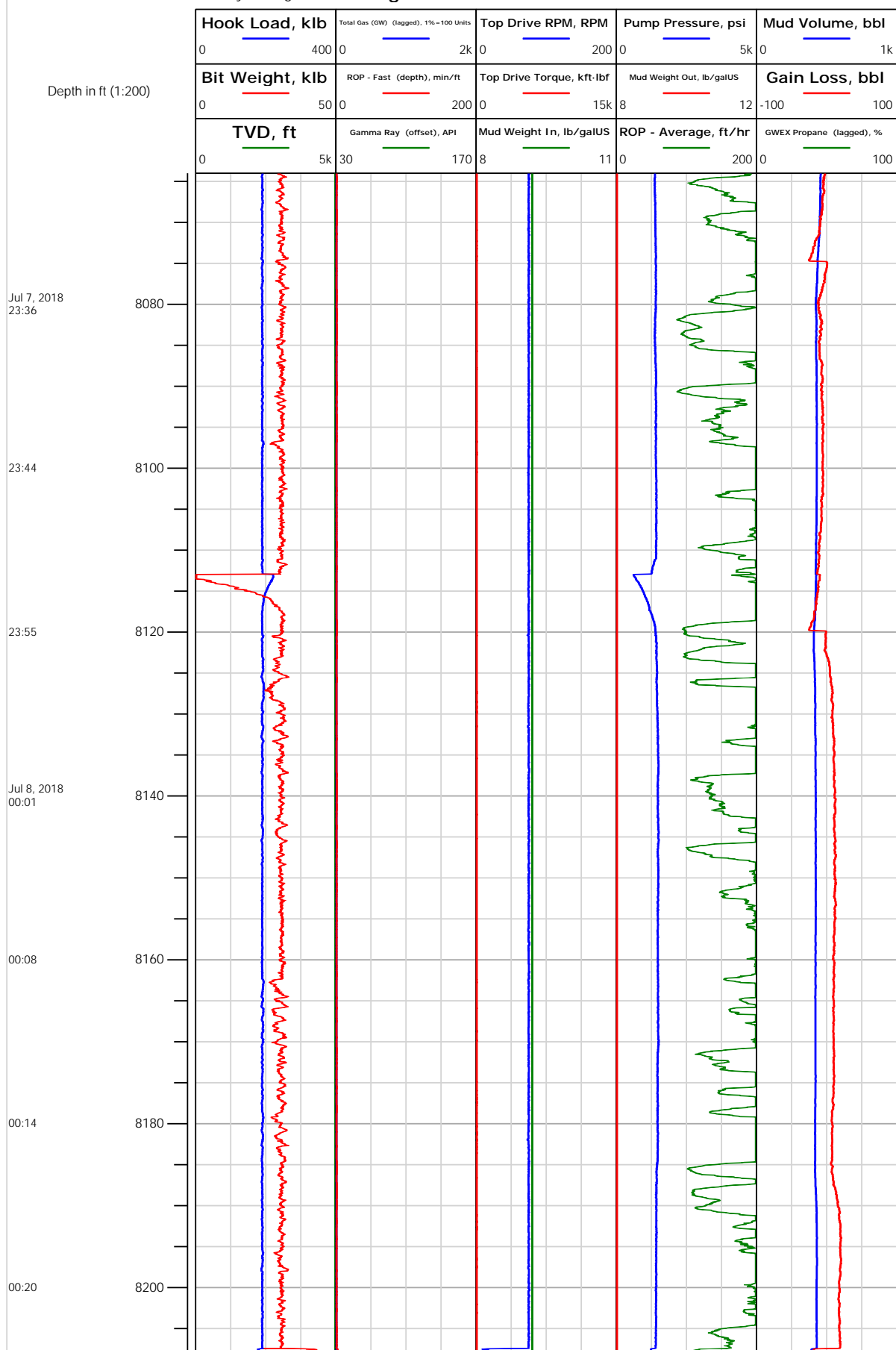
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes



8148.00: Deviation Survey
8148.00 ft, Deviation 2.8 deg, Direction 222.1 deg



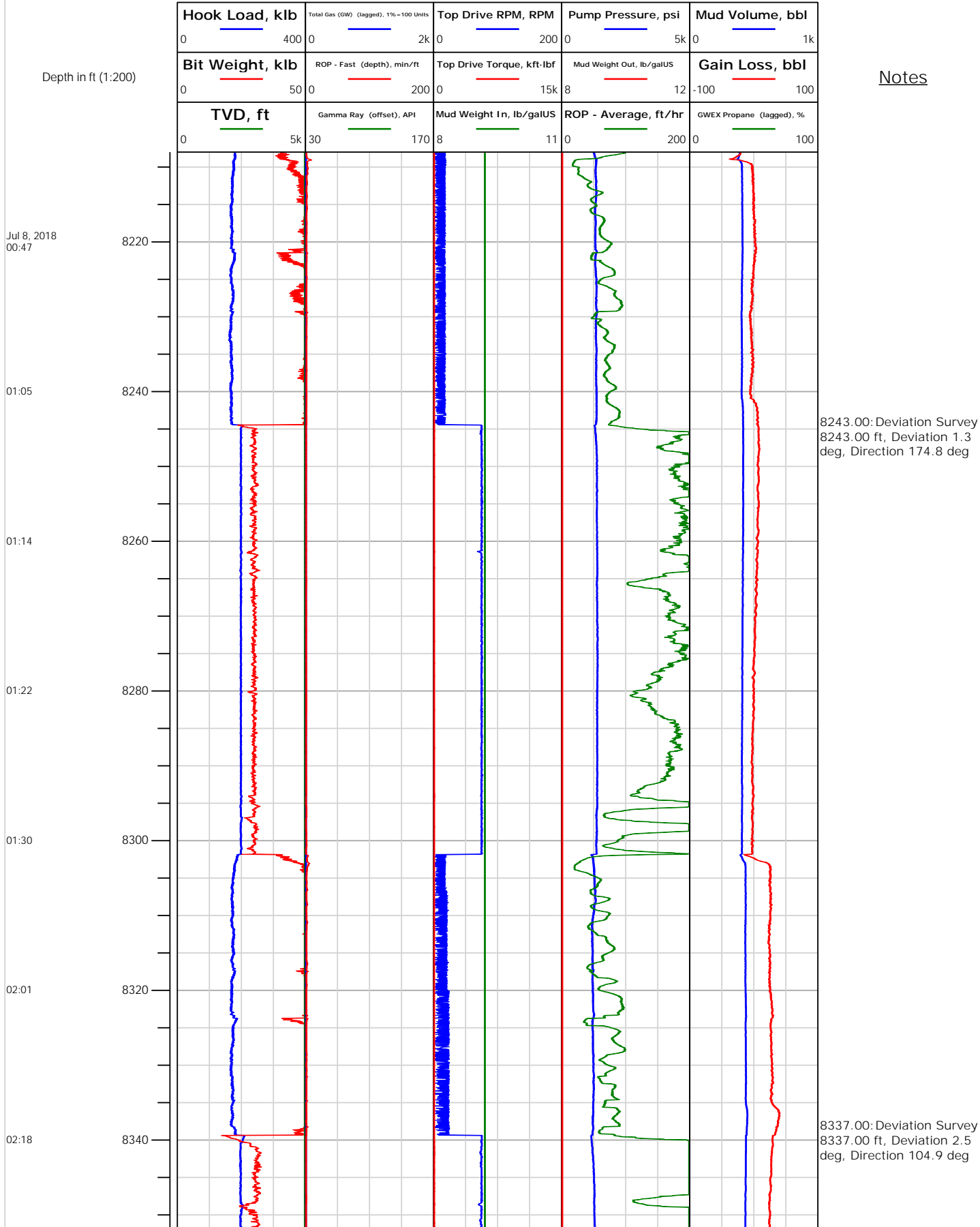
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





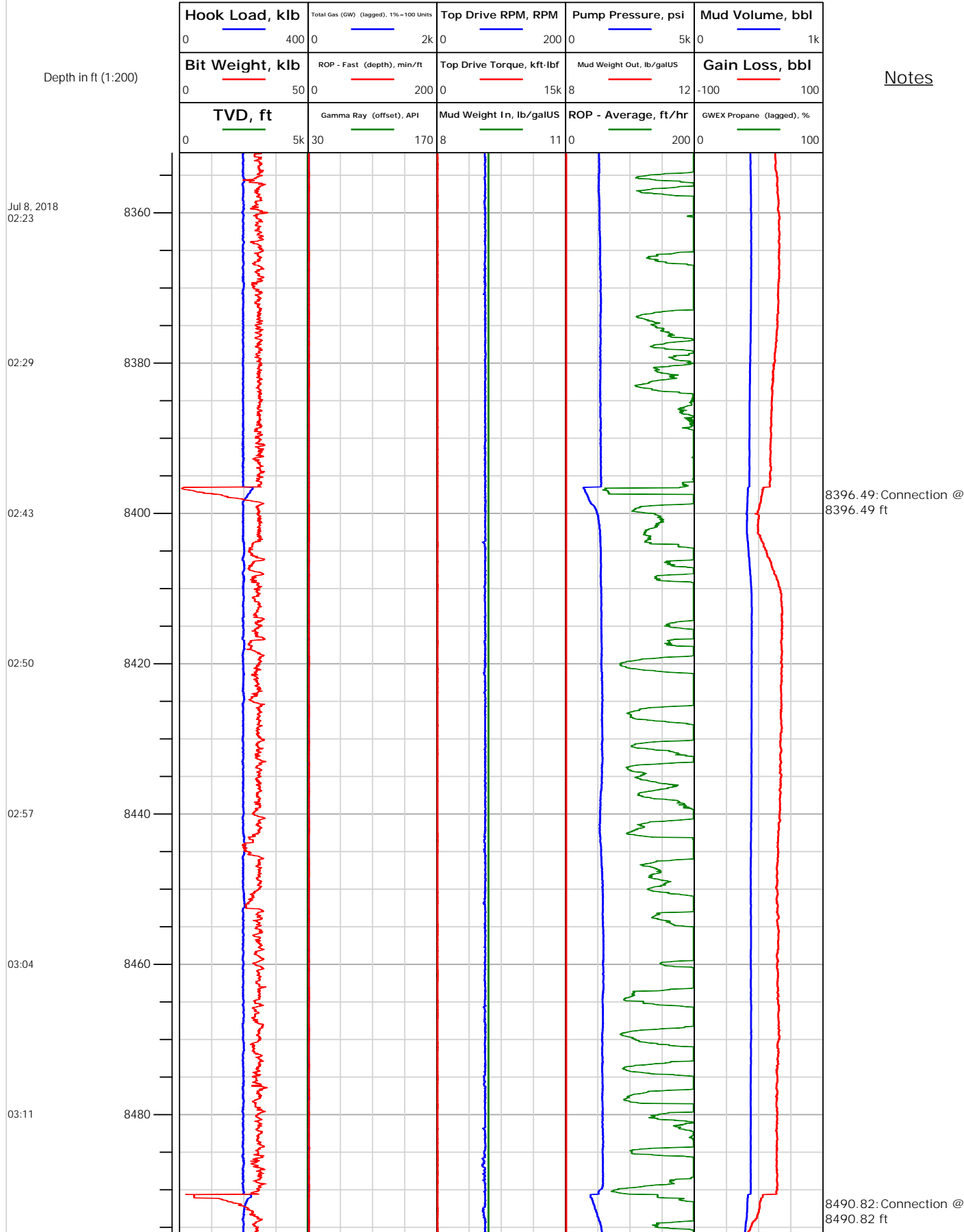
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





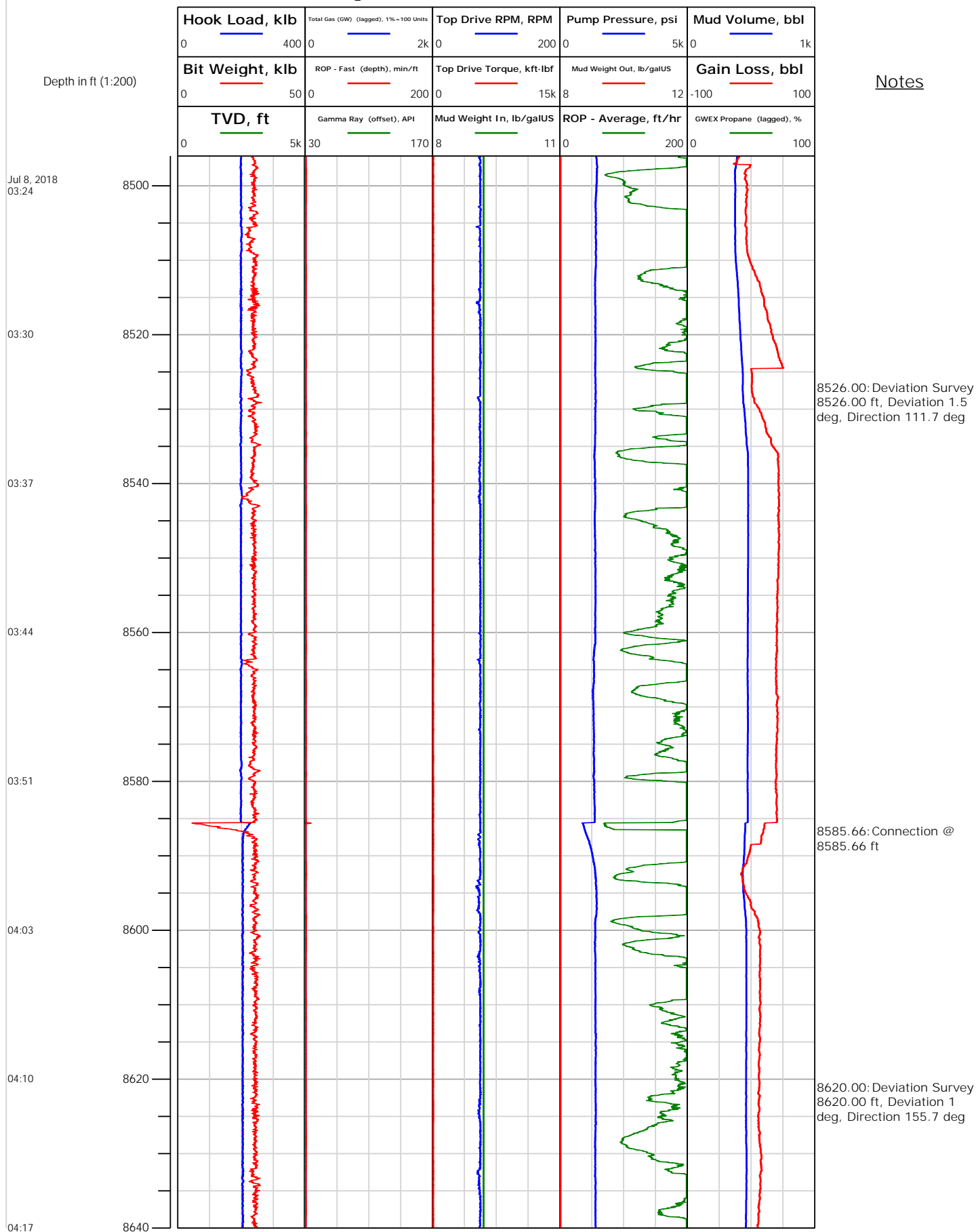
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





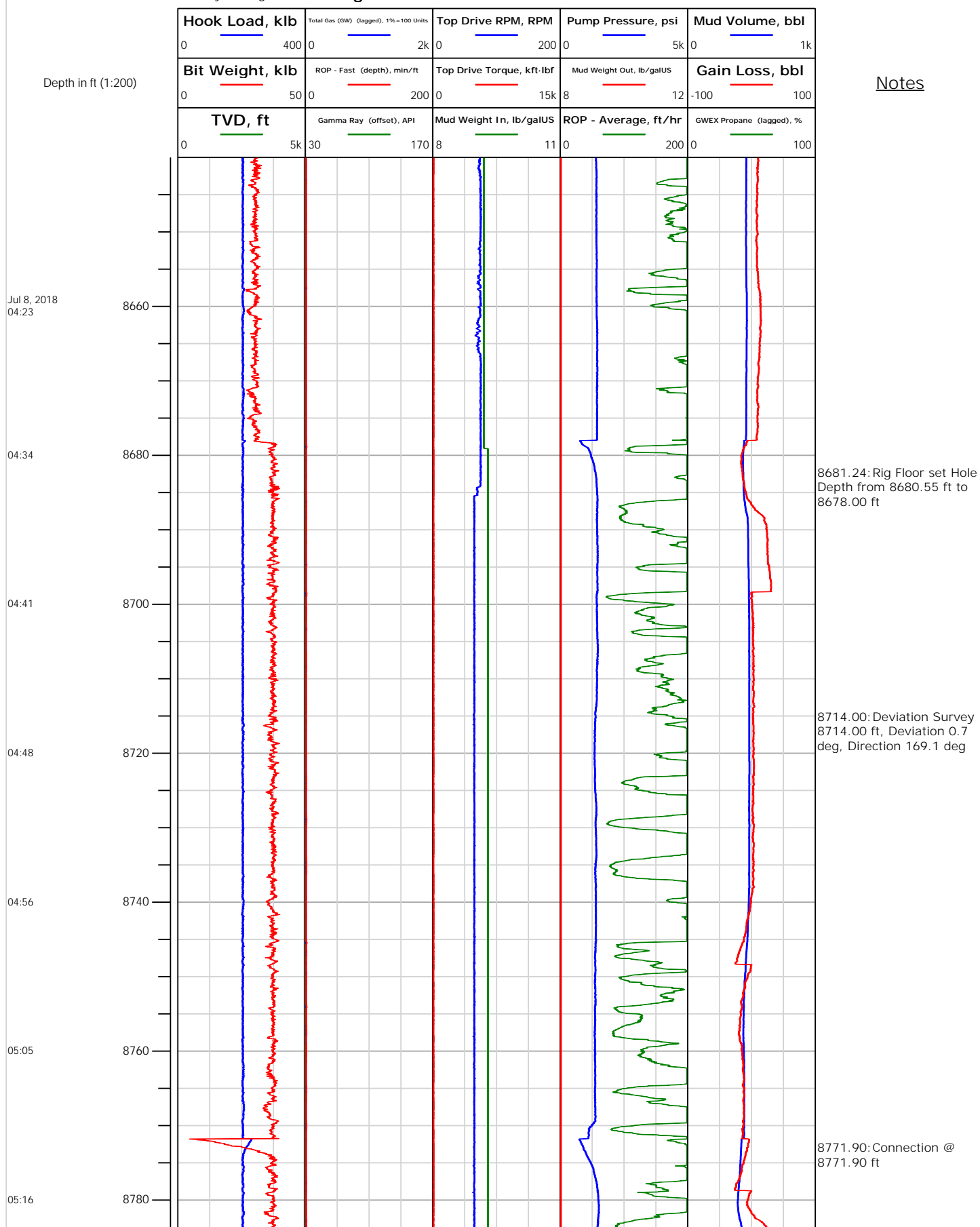
Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





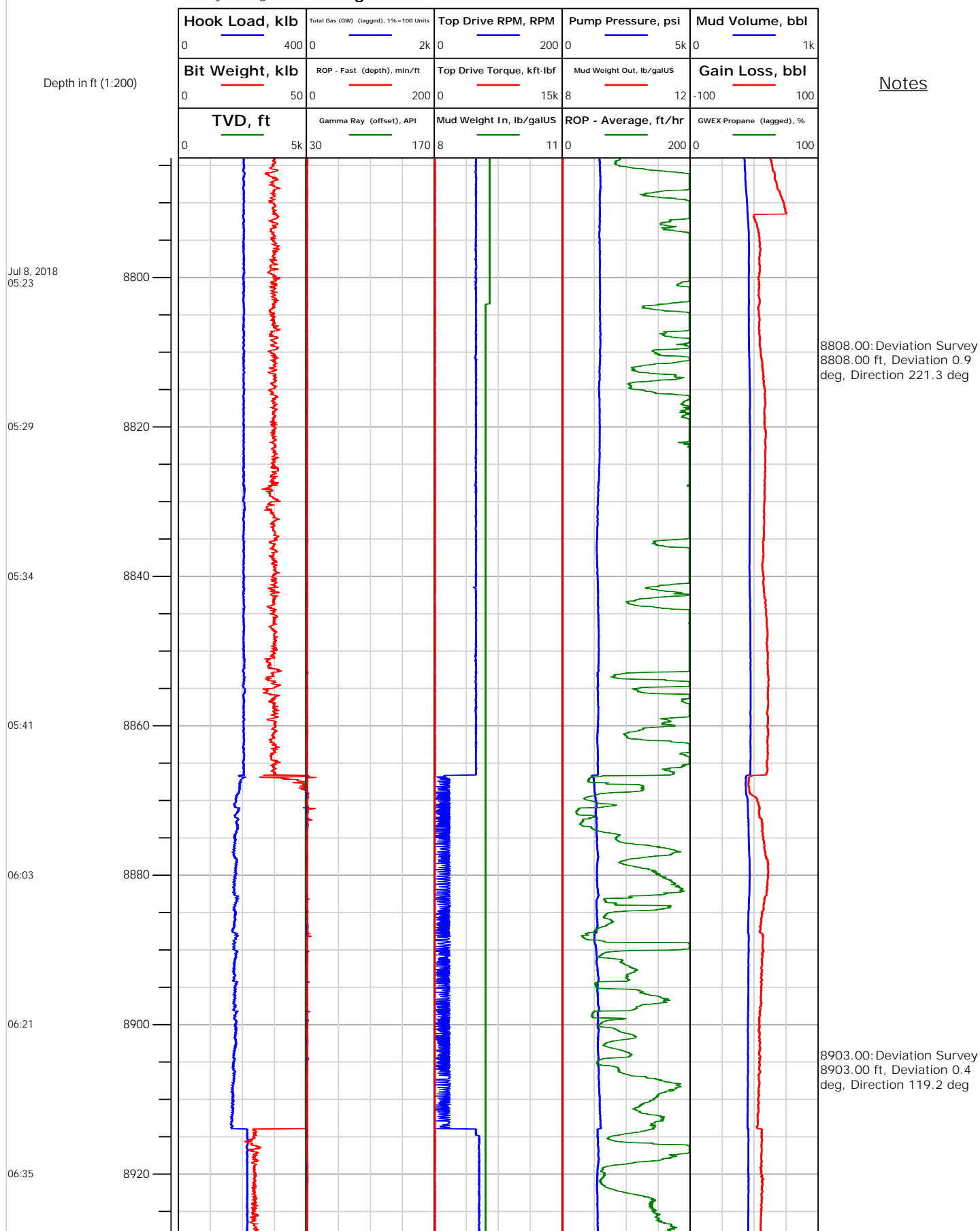
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





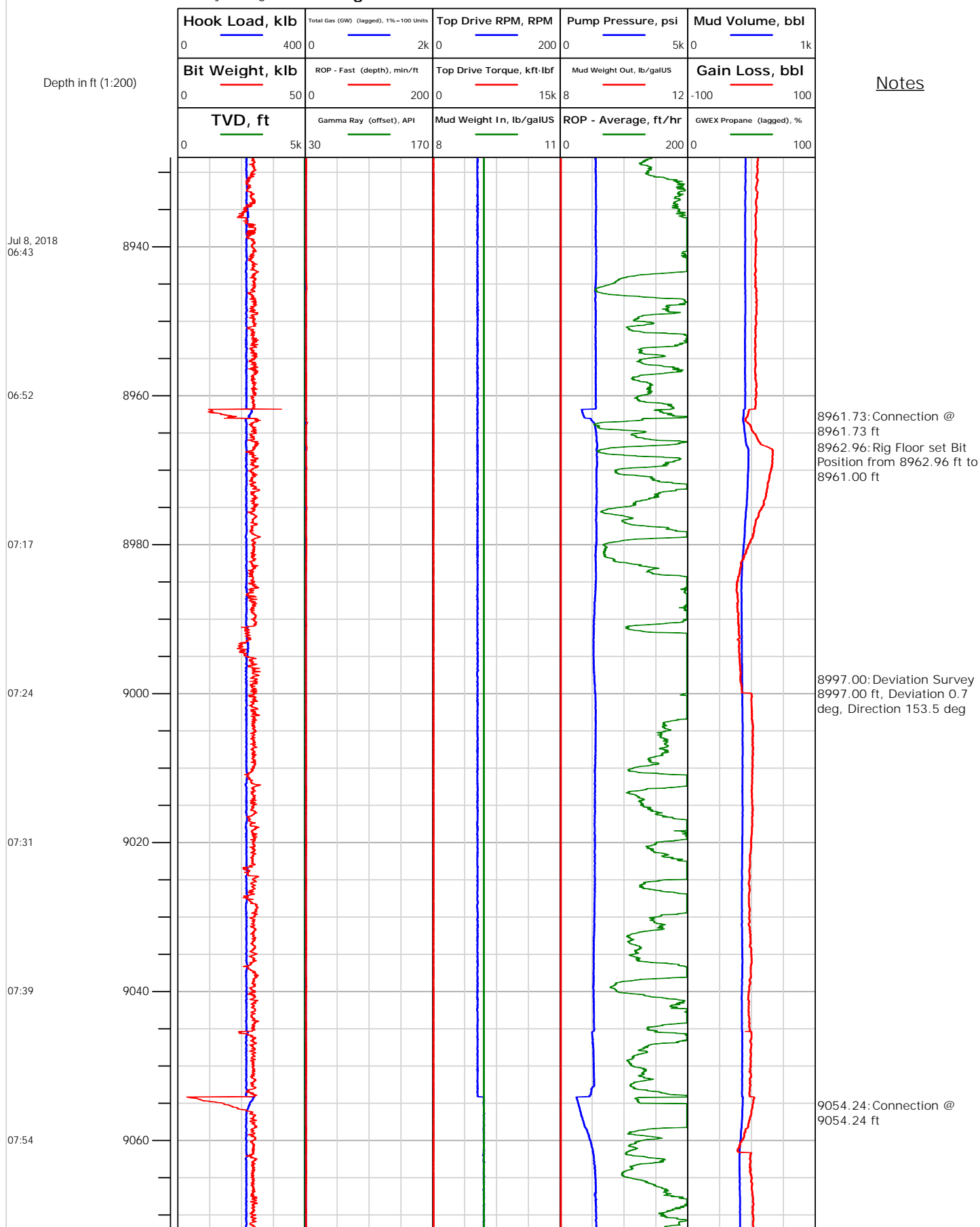
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





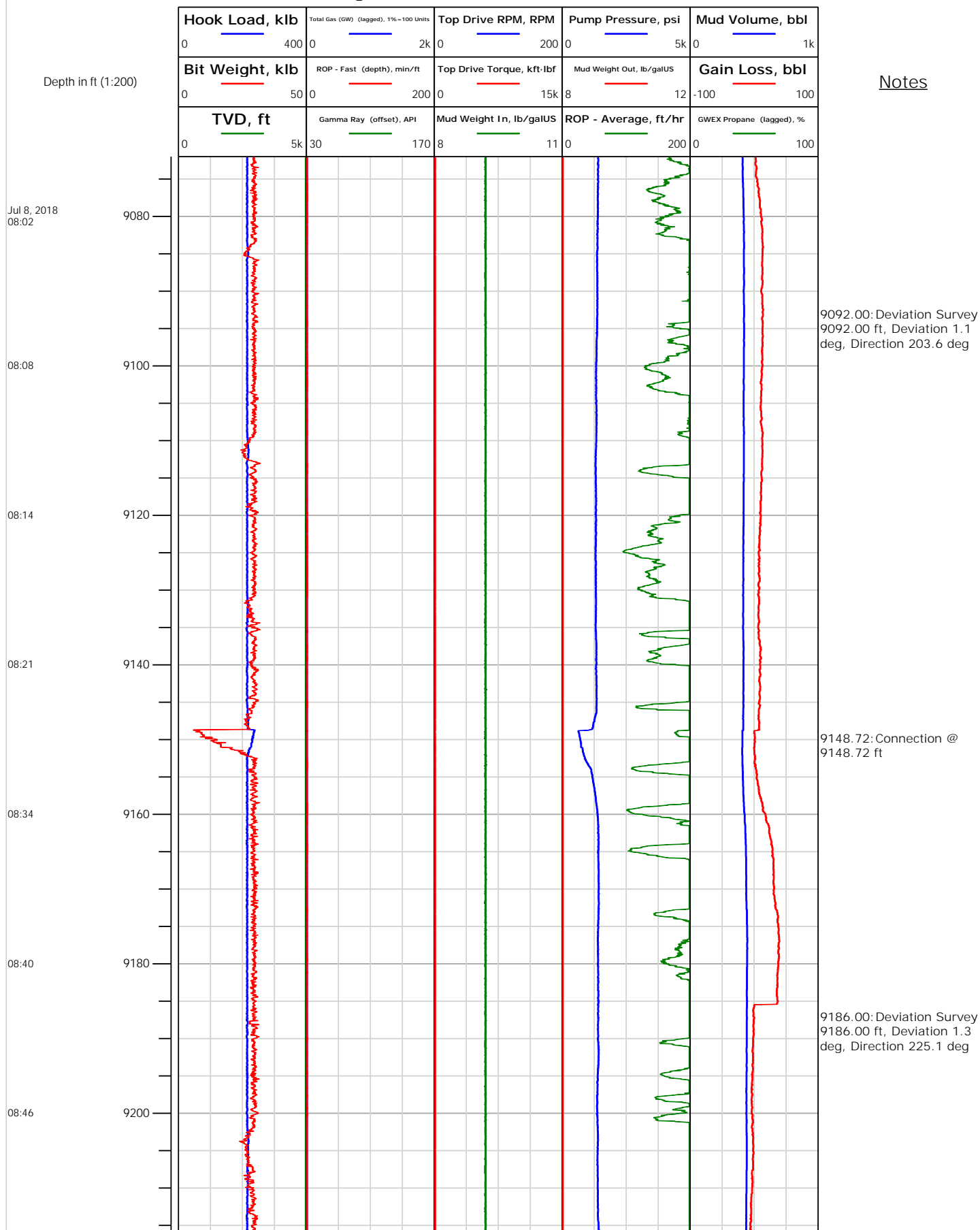
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





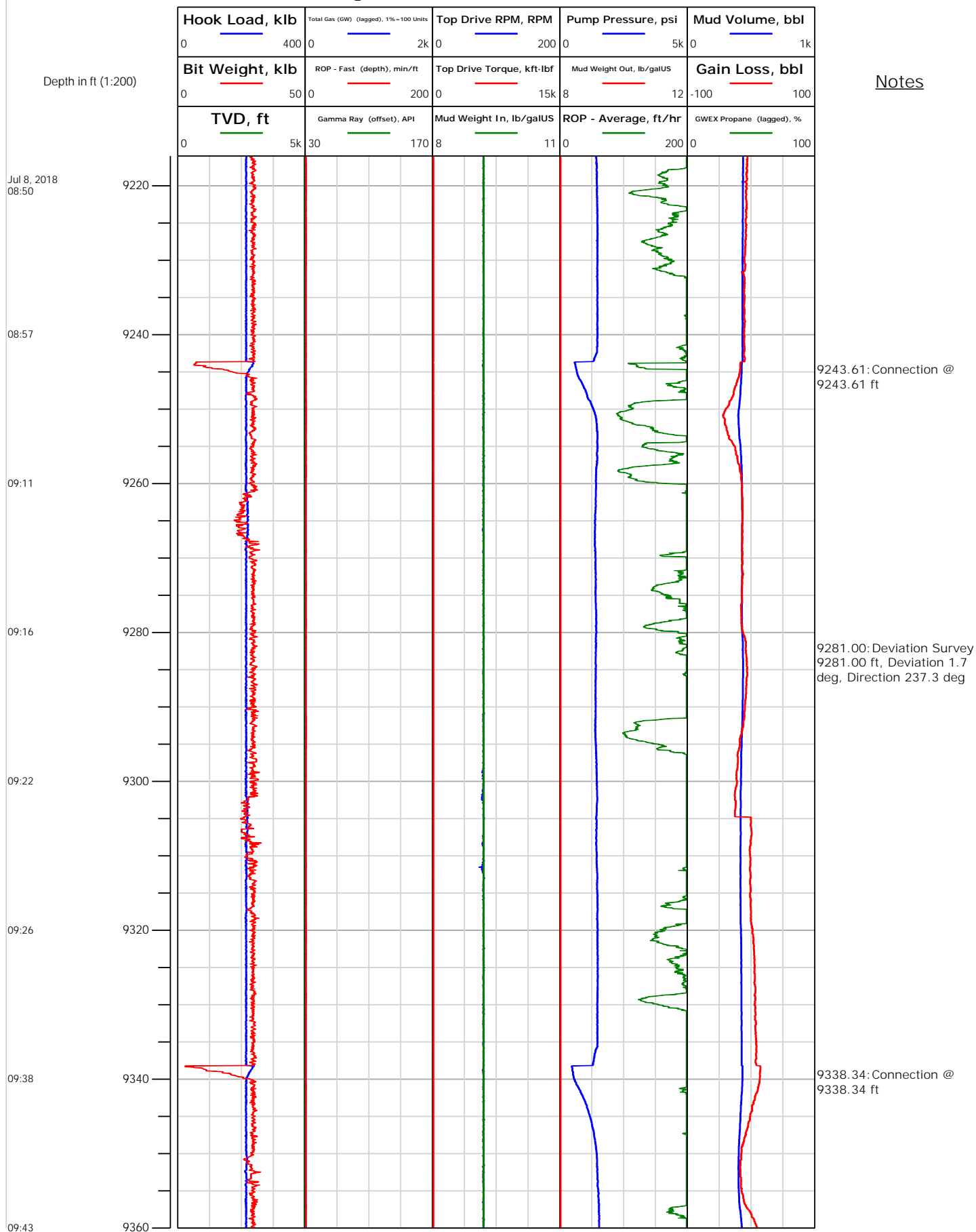
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





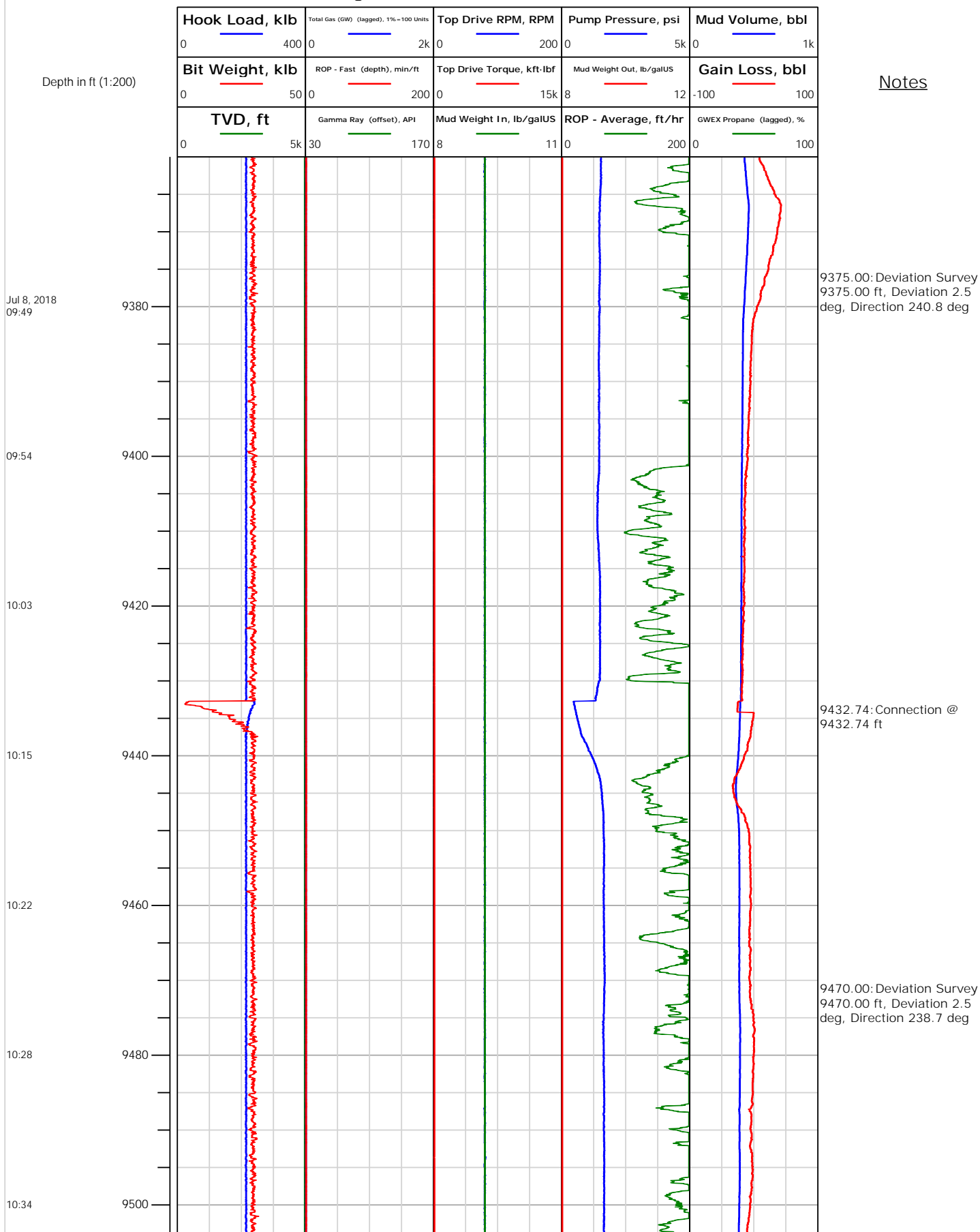
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





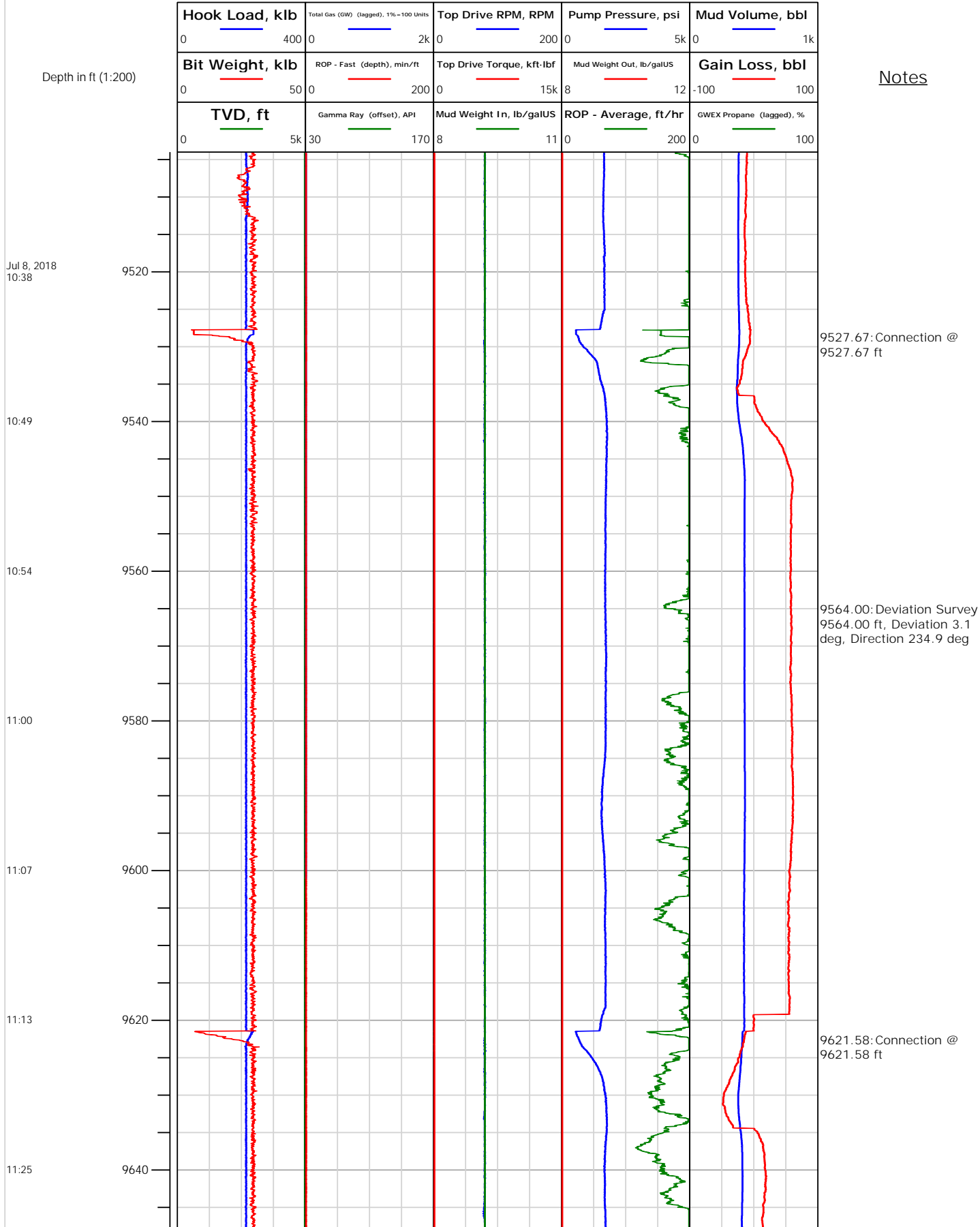
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





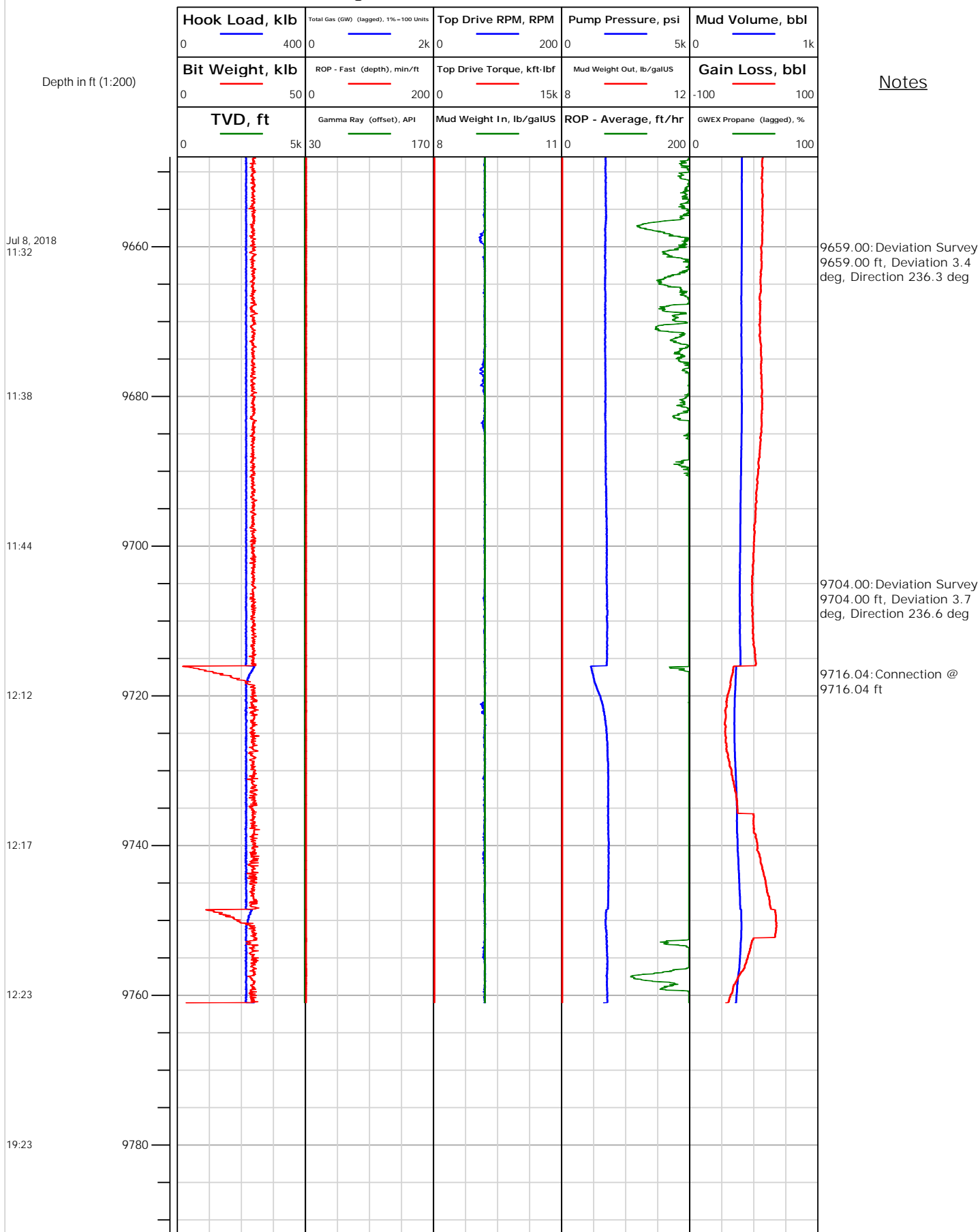
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: CC 0697-03-15W
Rig: 522

Location:

Depth in ft (1:200)

9800

Hook Load, klb	Total Gas (GW) (lagged), 1% = 100 Units	Top Drive RPM, RPM	Pump Pressure, psi	Mud Volume, bbl
0 400	0 2k	0 200	0 5k	0 1k
Bit Weight, klb	ROP - Fast (depth), min/ft	Top Drive Torque, kft-lbf	Mud Weight Out, lb/galUS	Gain Loss, bbl
0 50	0 200	0 15k	8 12	-100 100
TVD, ft	Gamma Ray (offset), API	Mud Weight In, lb/galUS	ROP - Average, ft/hr	GWEX Propane (lagged), %
0 5k	30 170	8 11	0 200	0 100

Notes