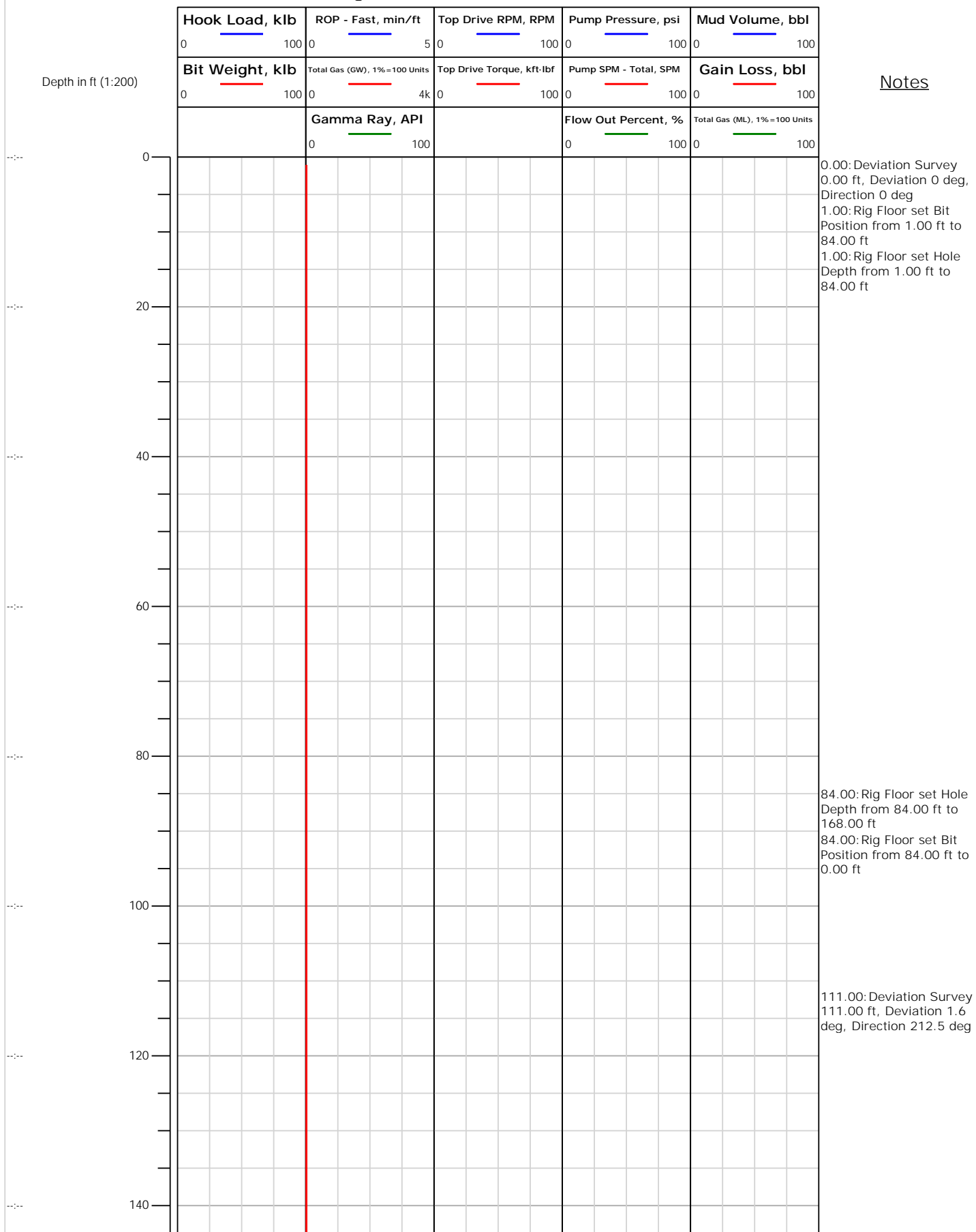


Location:

Electronic Drilling Recorder





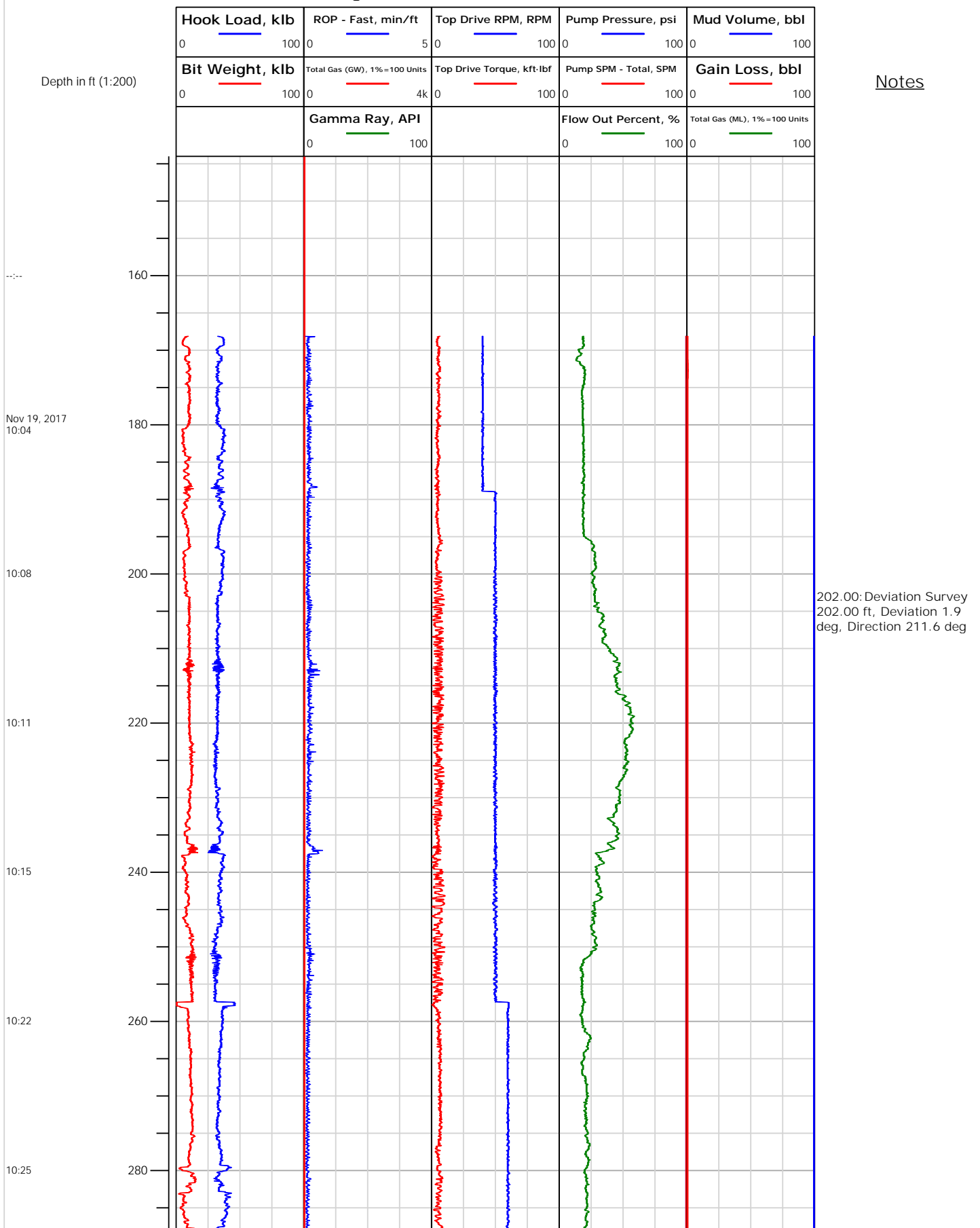
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





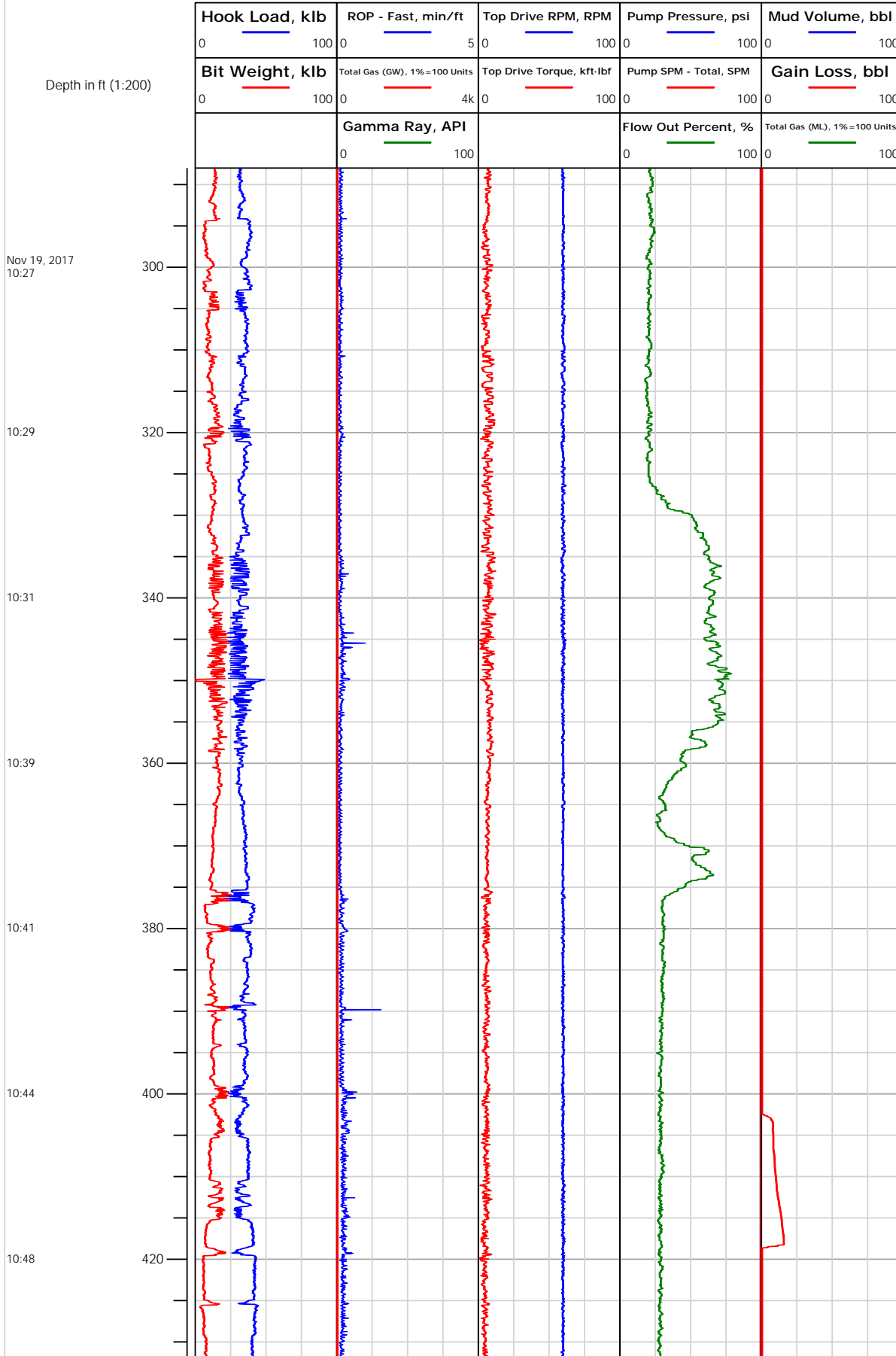
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-09E
Rig: 290

Location:

Notes



292.00: Deviation Survey
 292.00 ft, Deviation 2 deg,
 Direction 204.1 deg

383.00: Deviation Survey
 383.00 ft, Deviation 2.2
 deg, Direction 204.8 deg



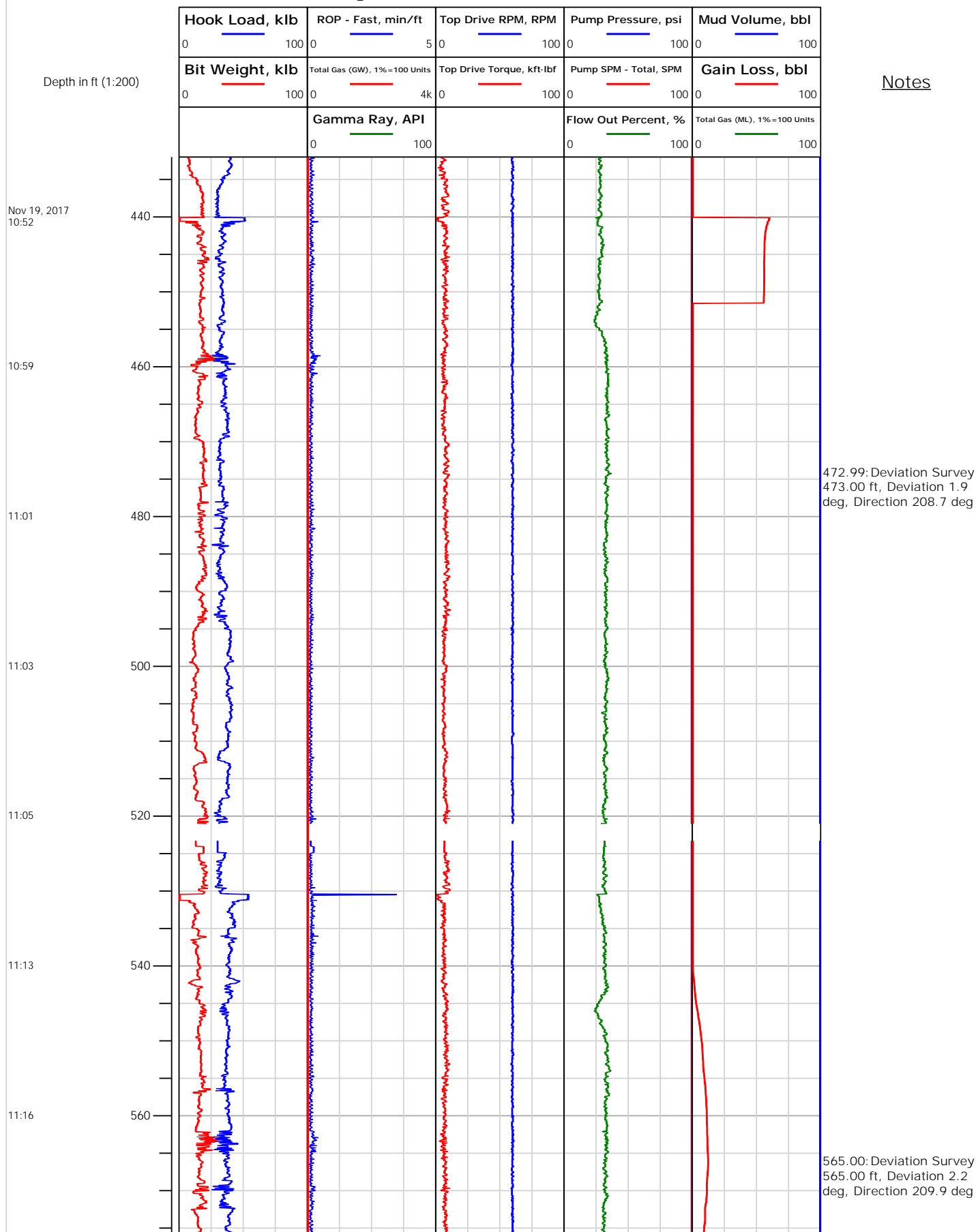
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





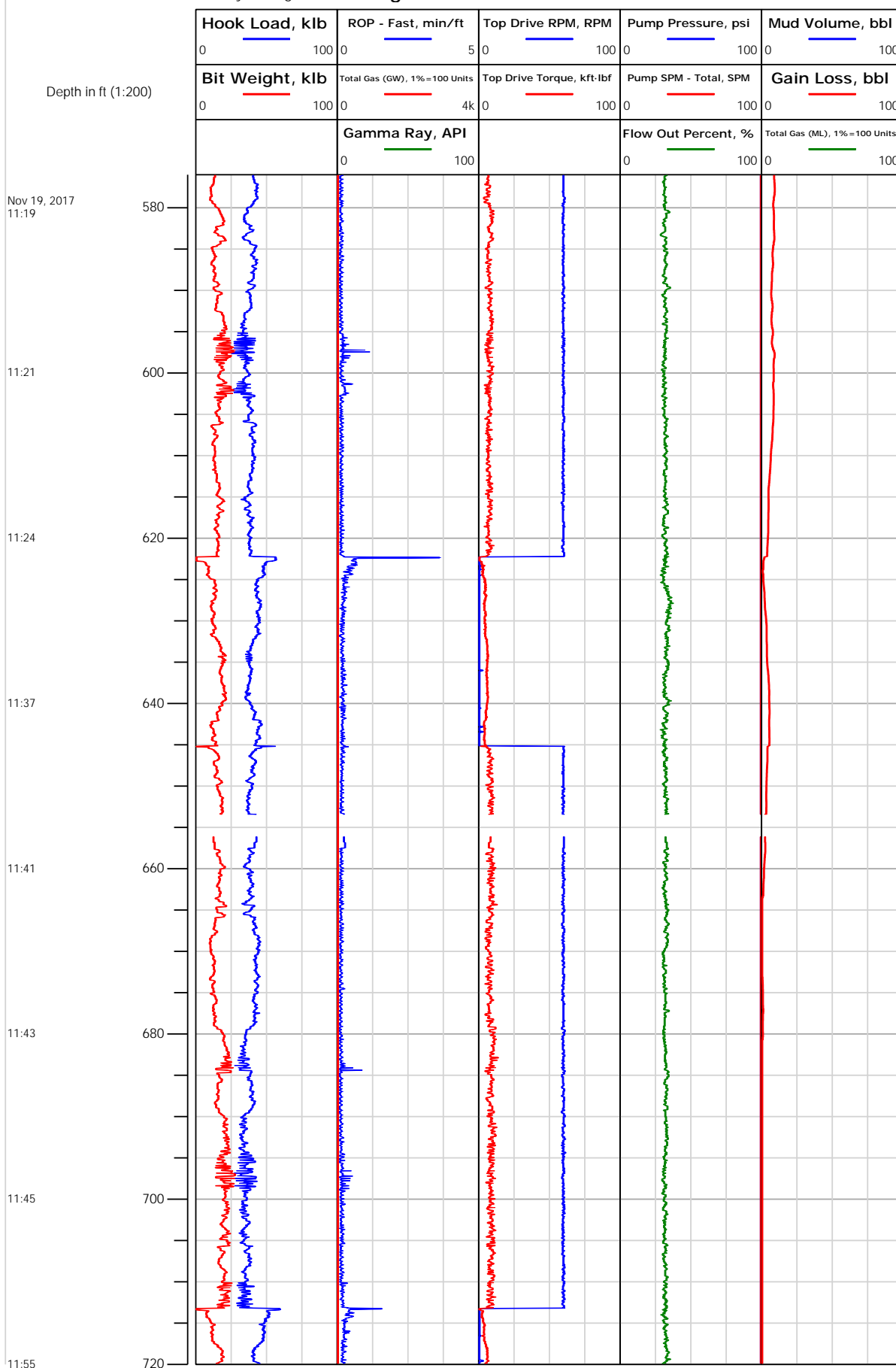
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Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





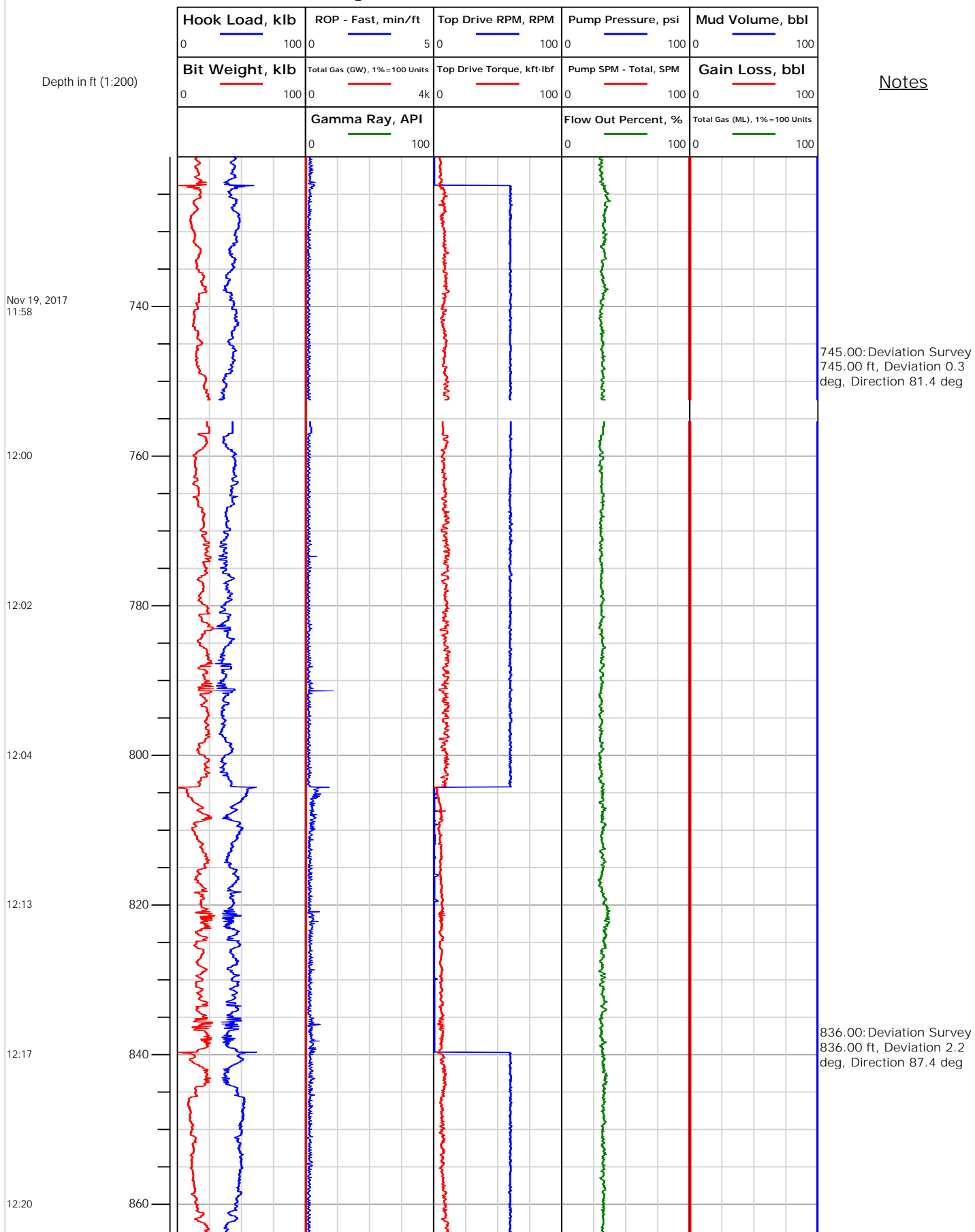
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





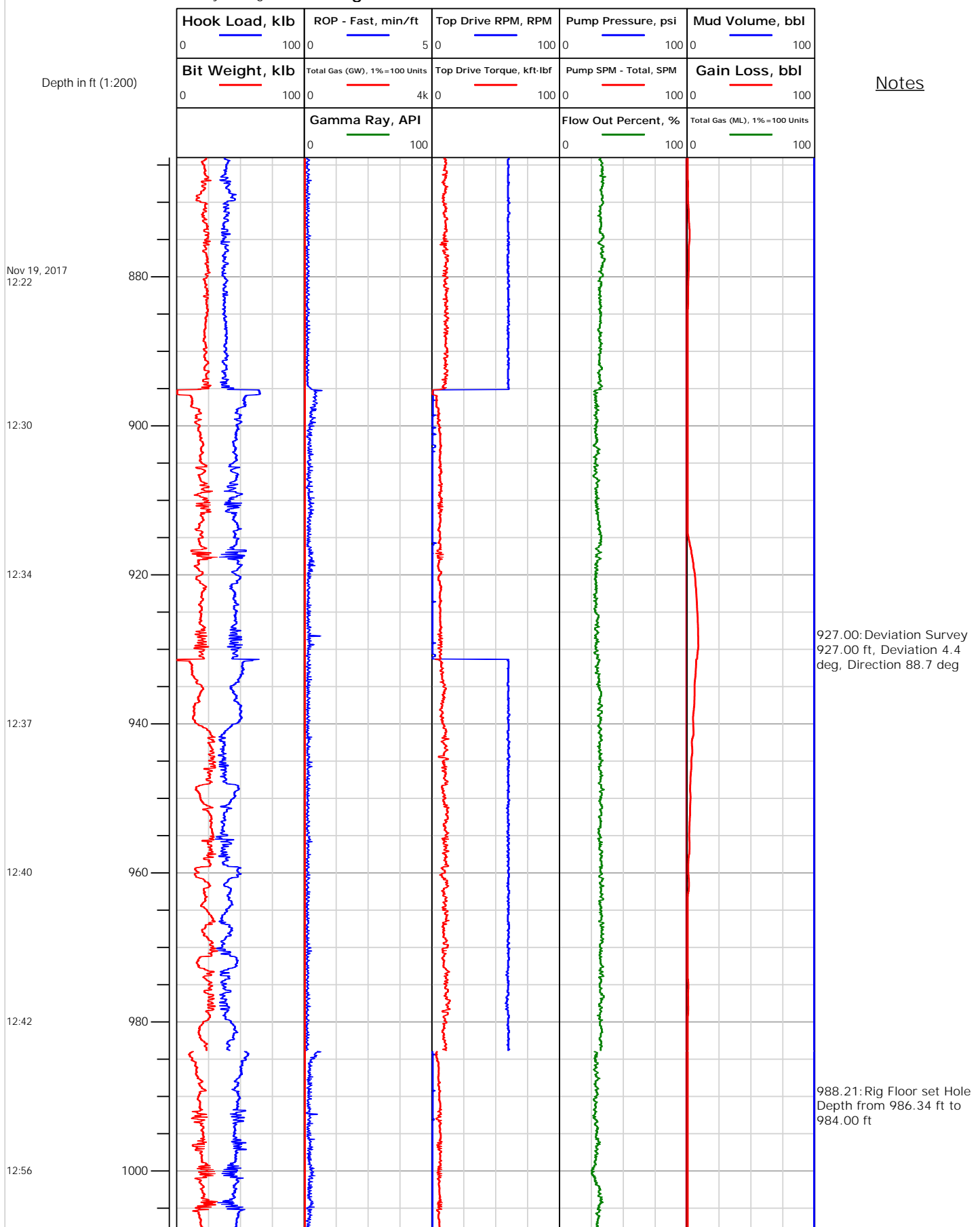
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Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





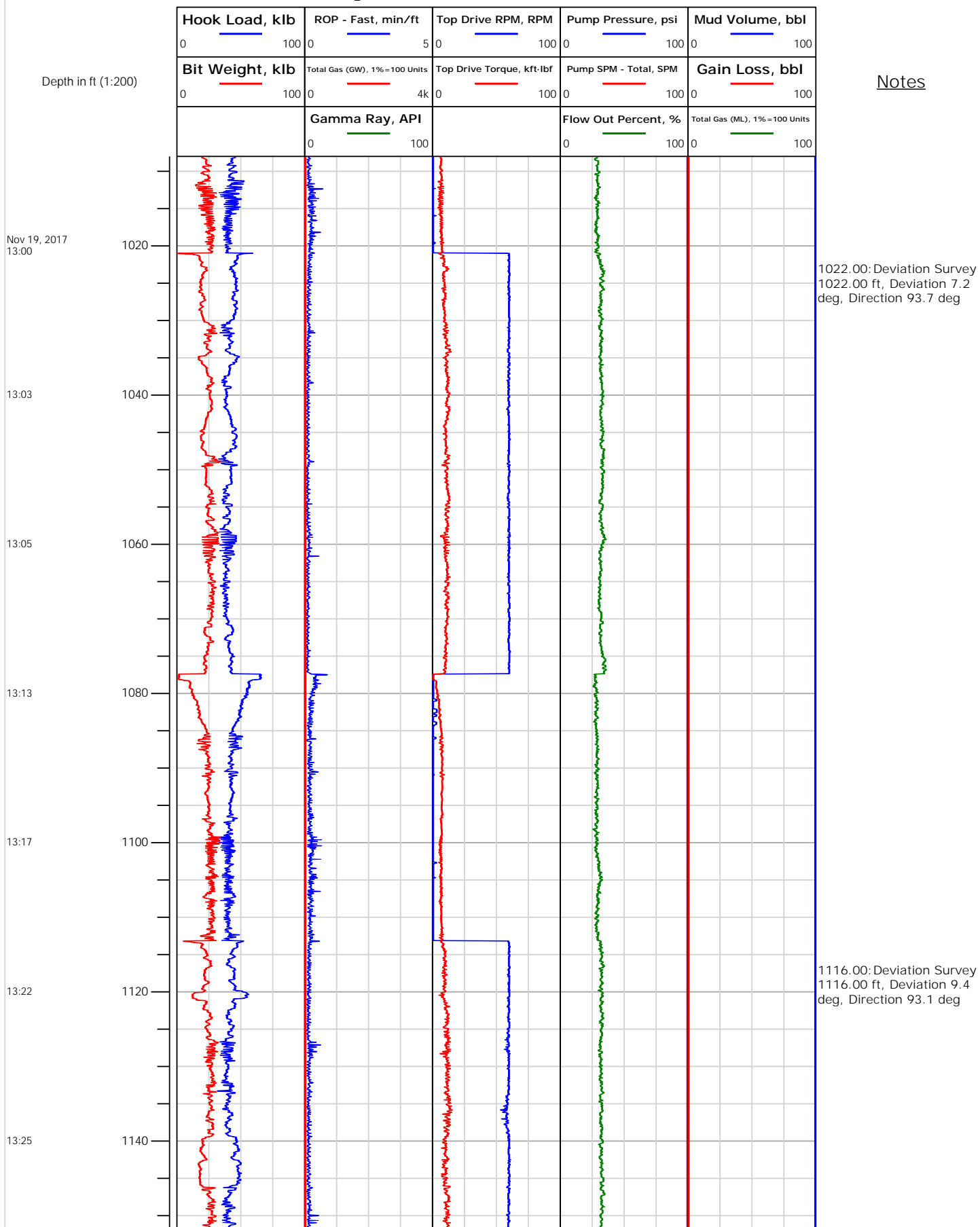
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Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





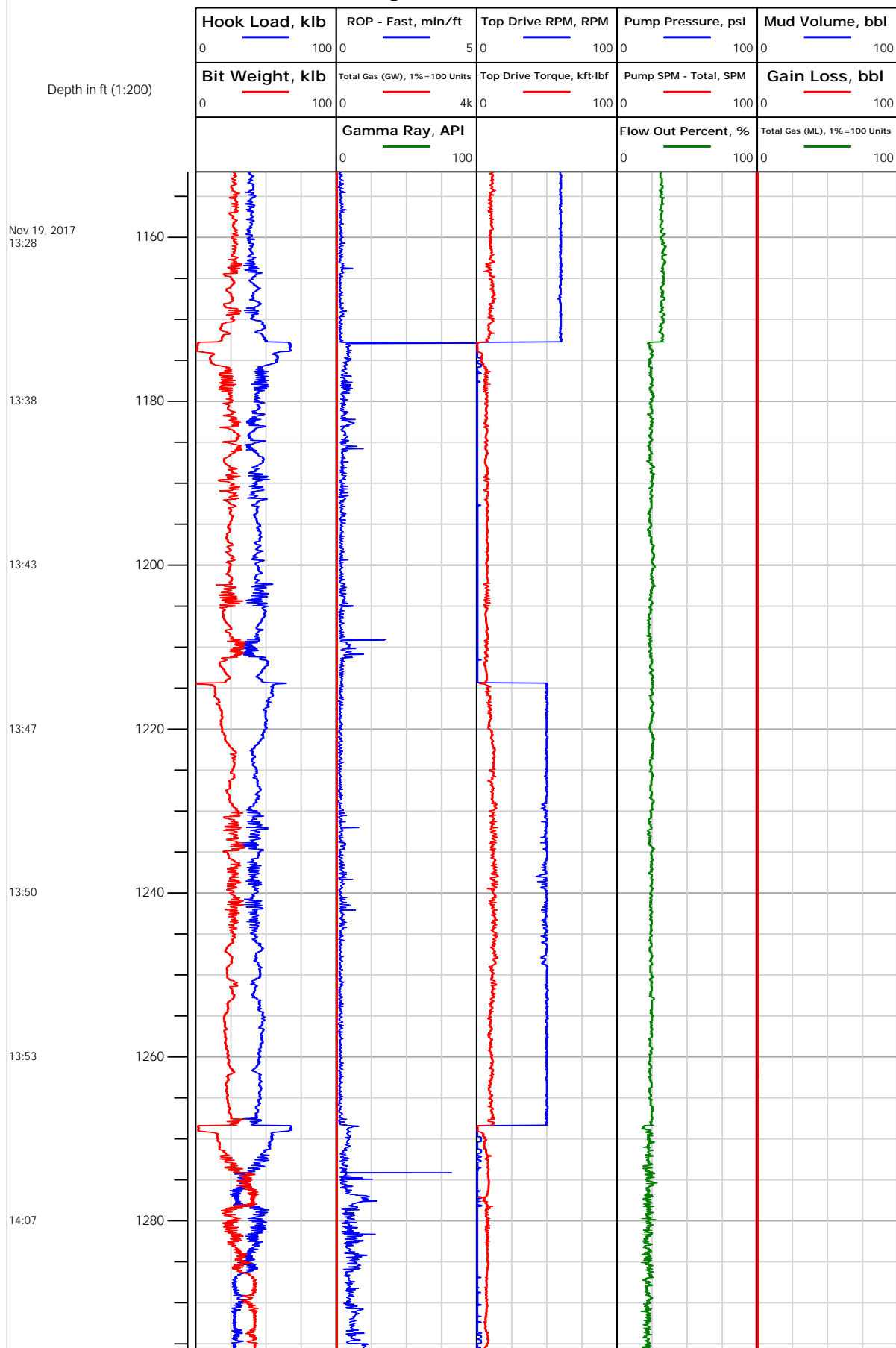
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Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





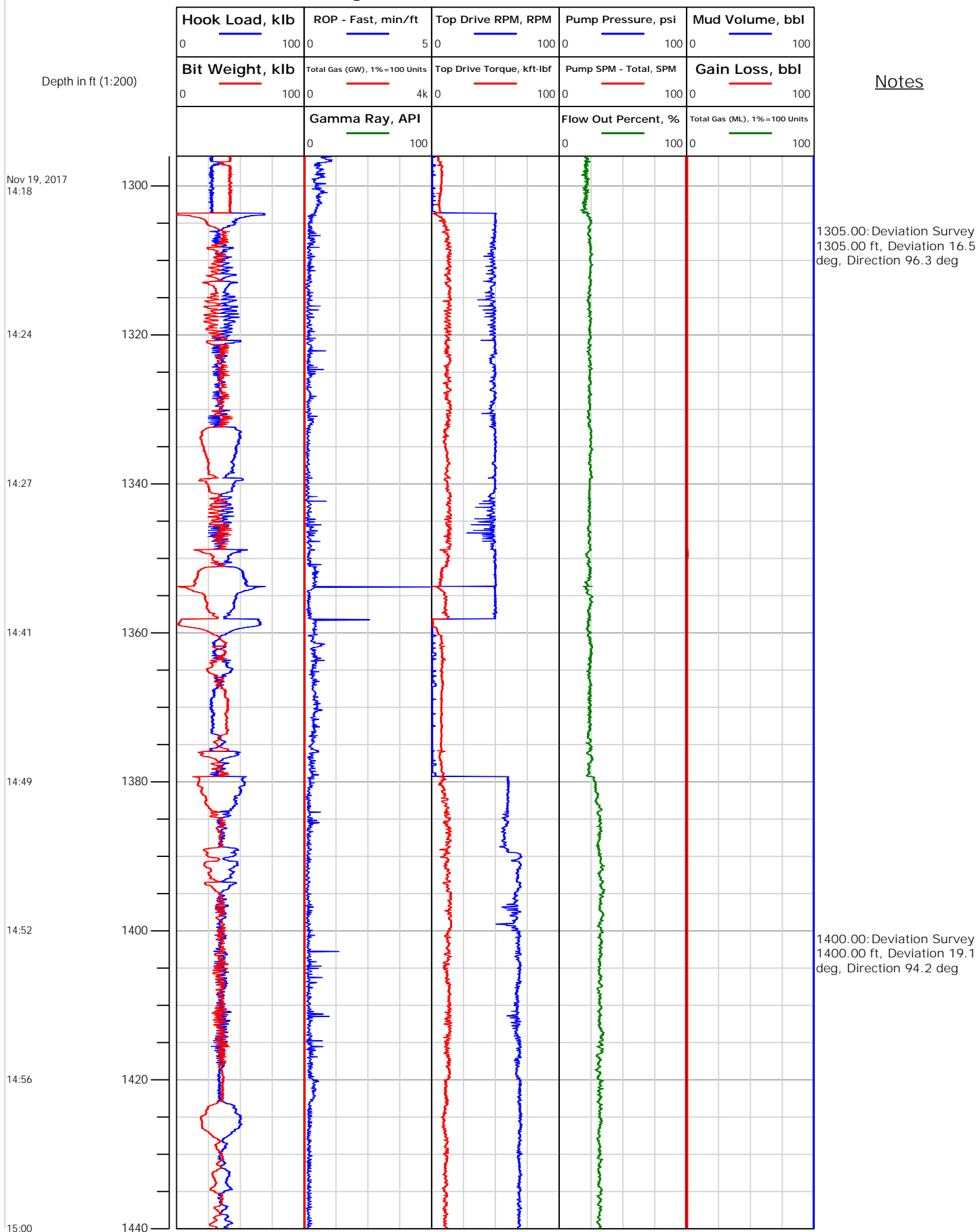
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Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





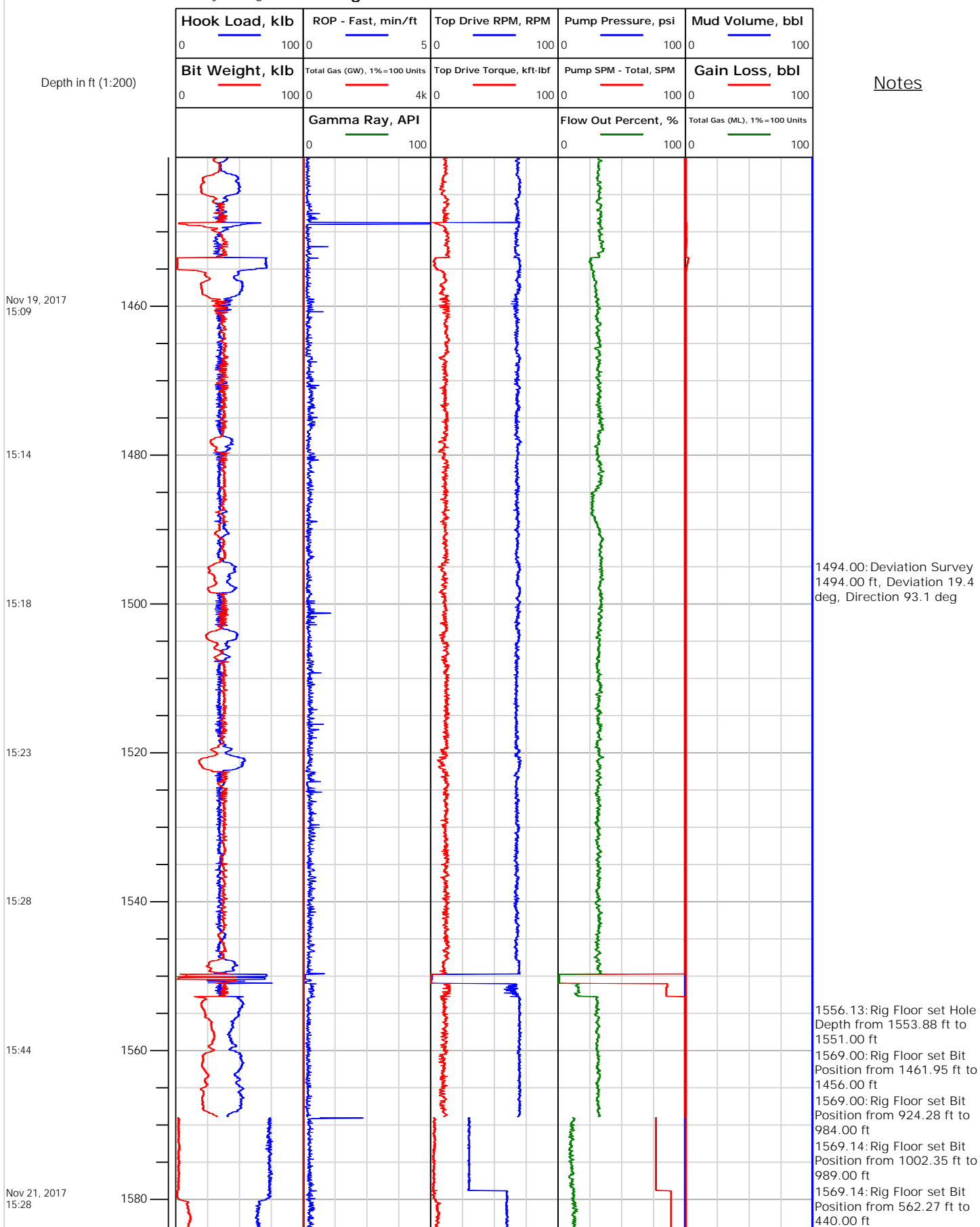
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Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





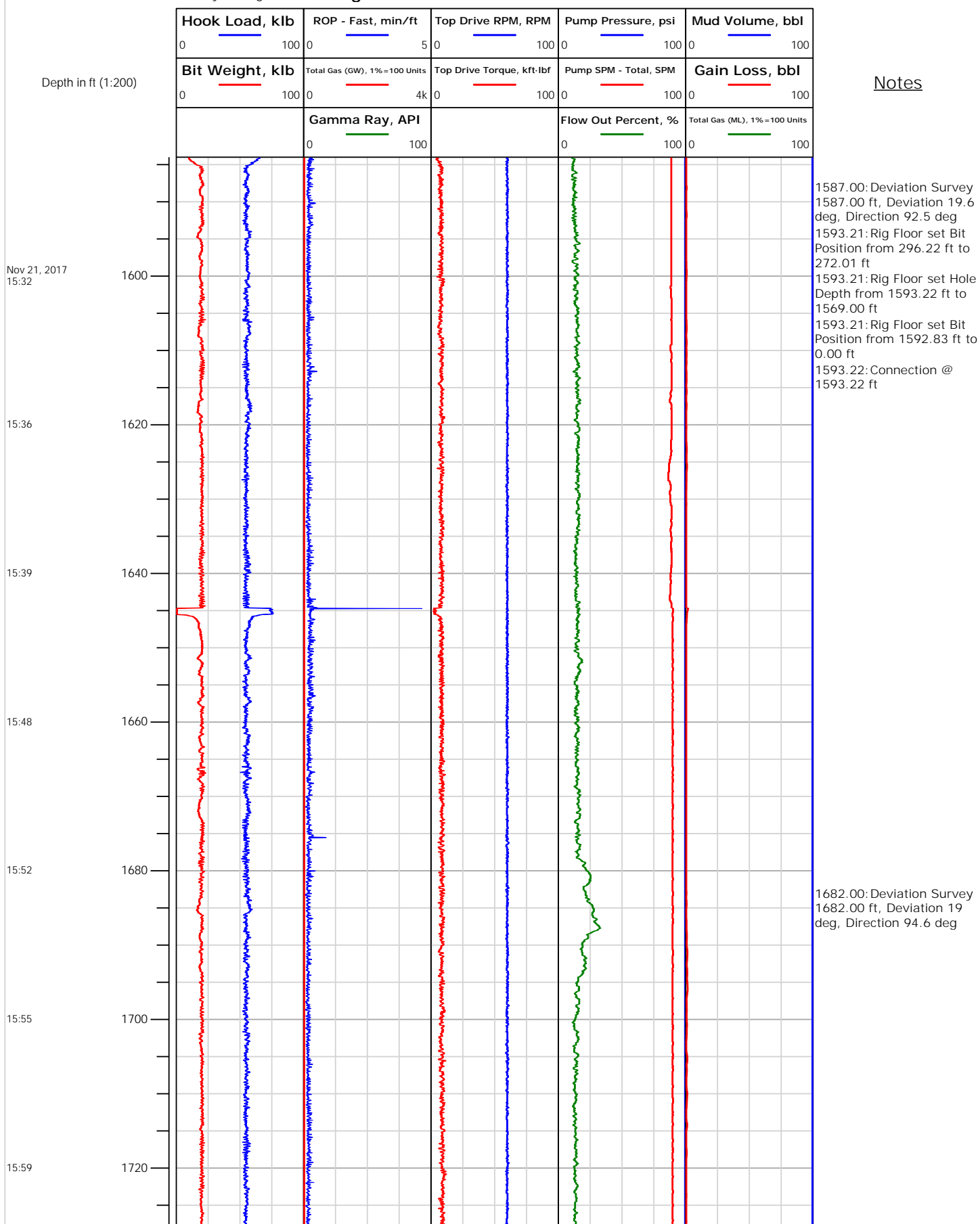
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Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





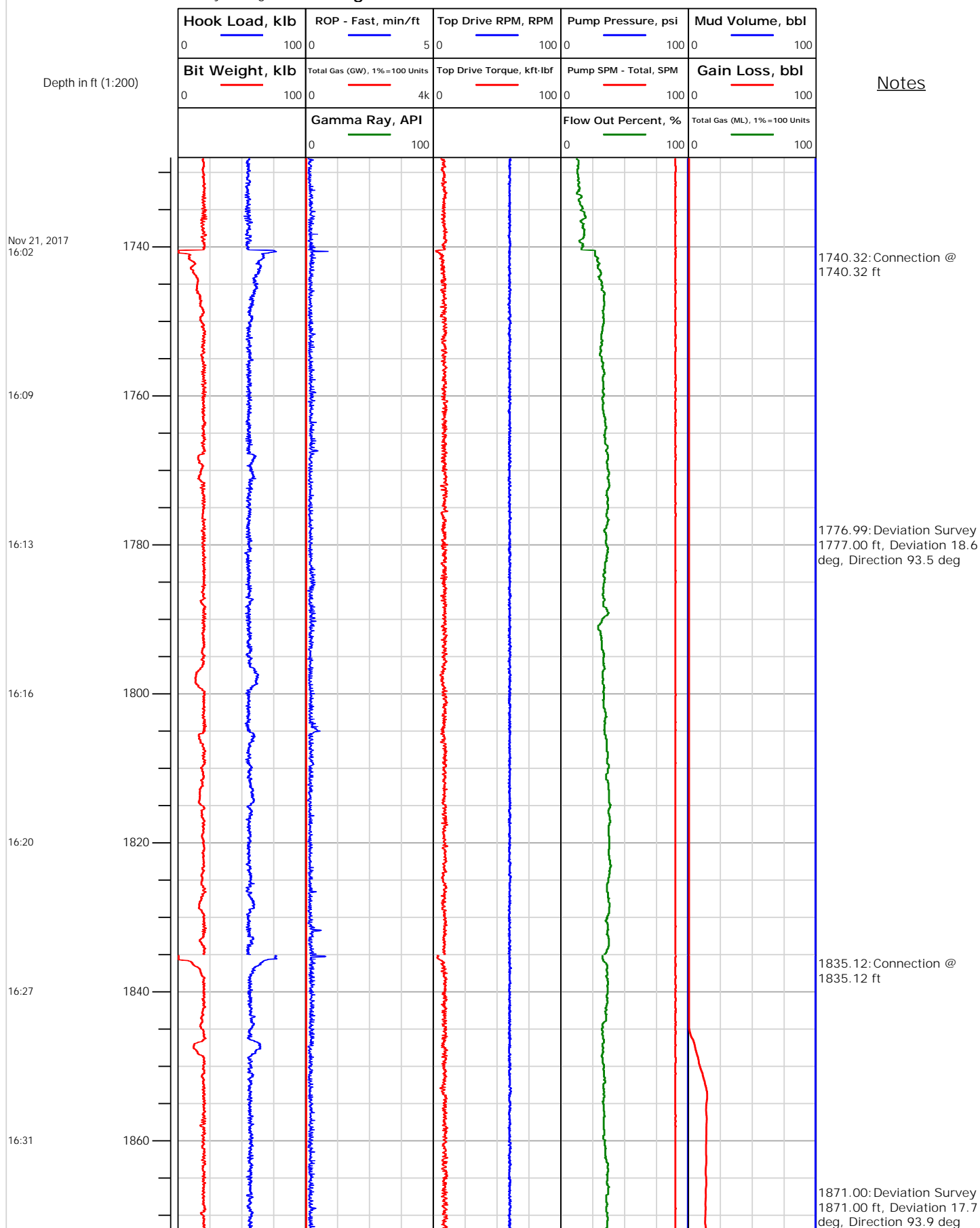
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Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





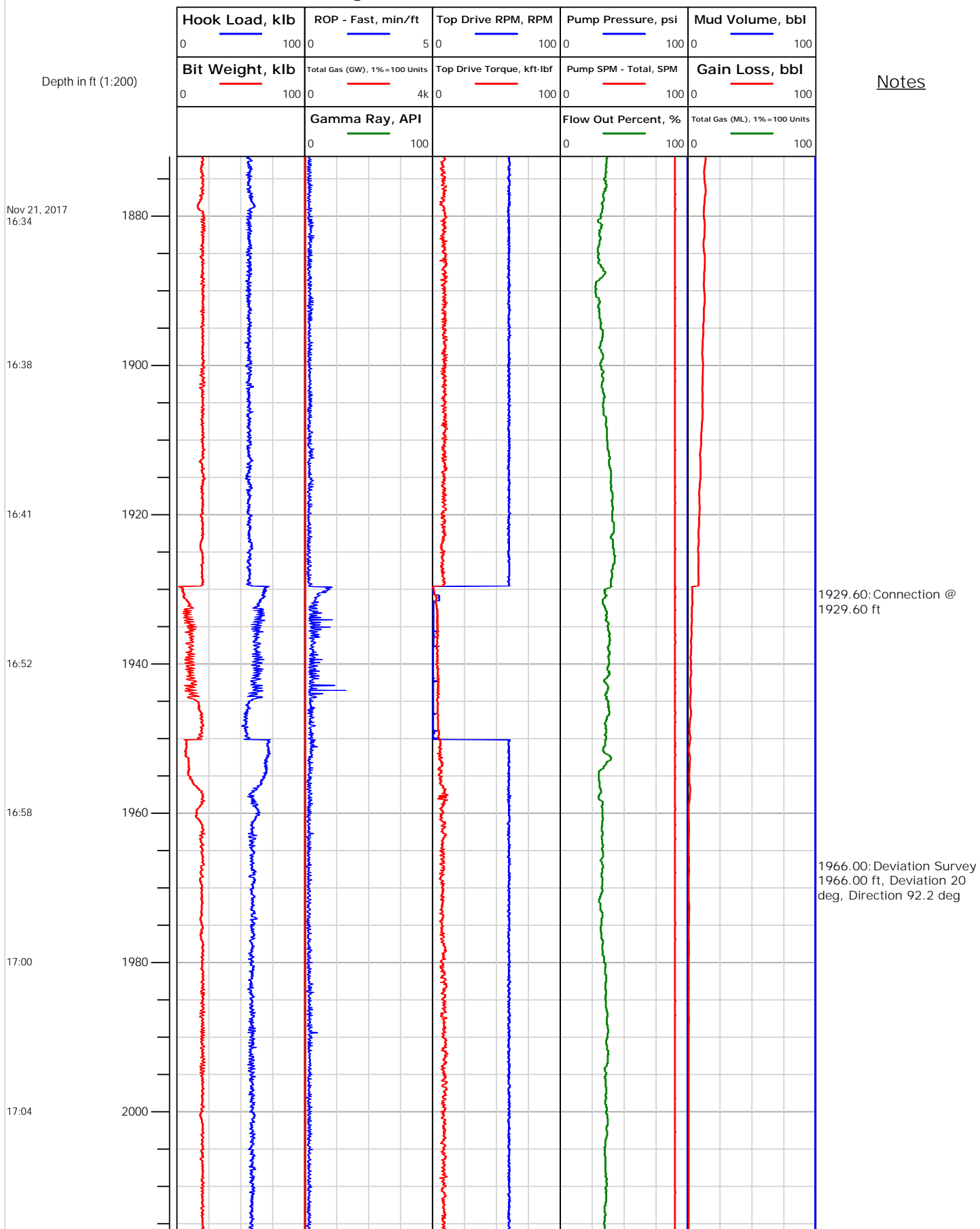
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Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





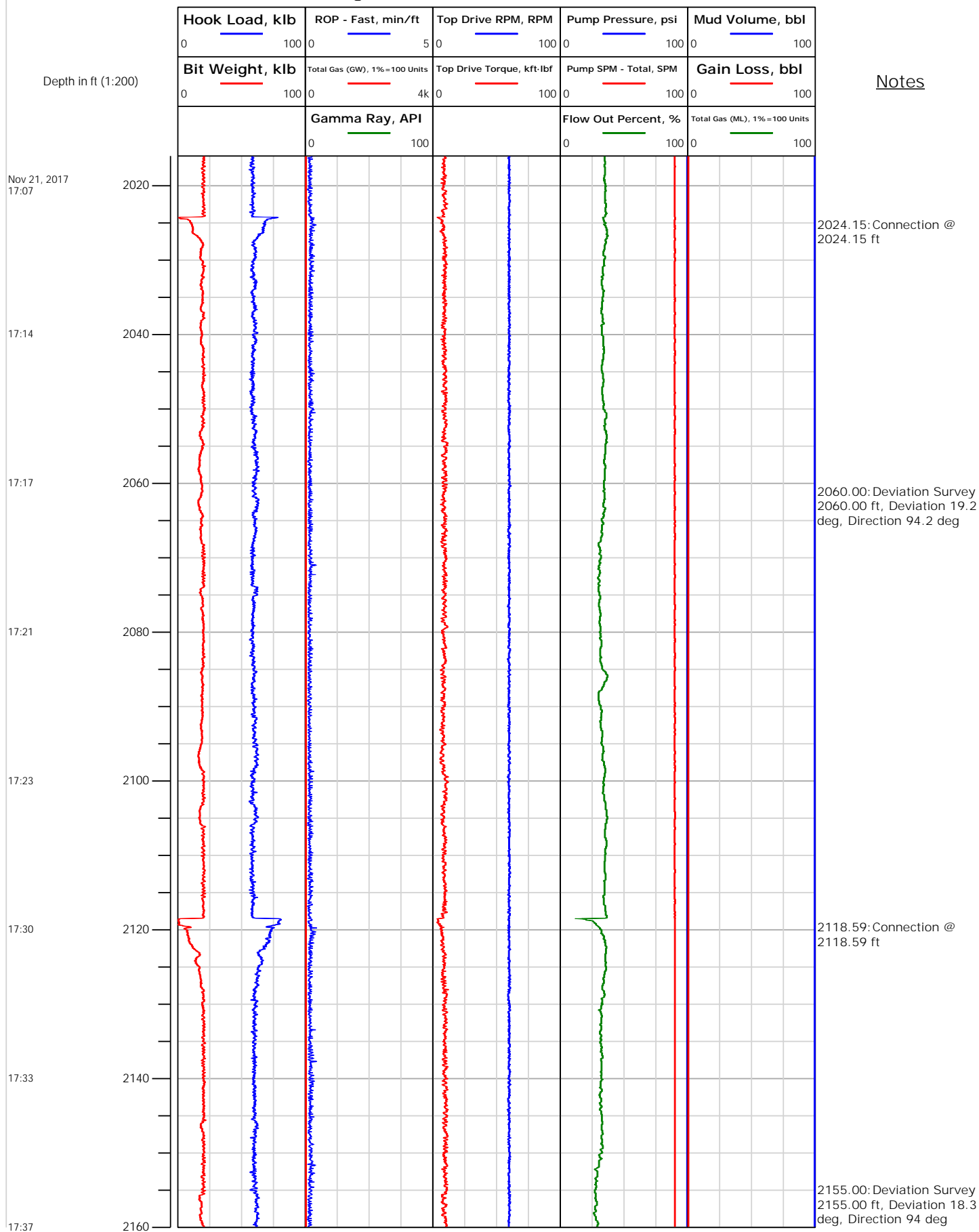
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Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





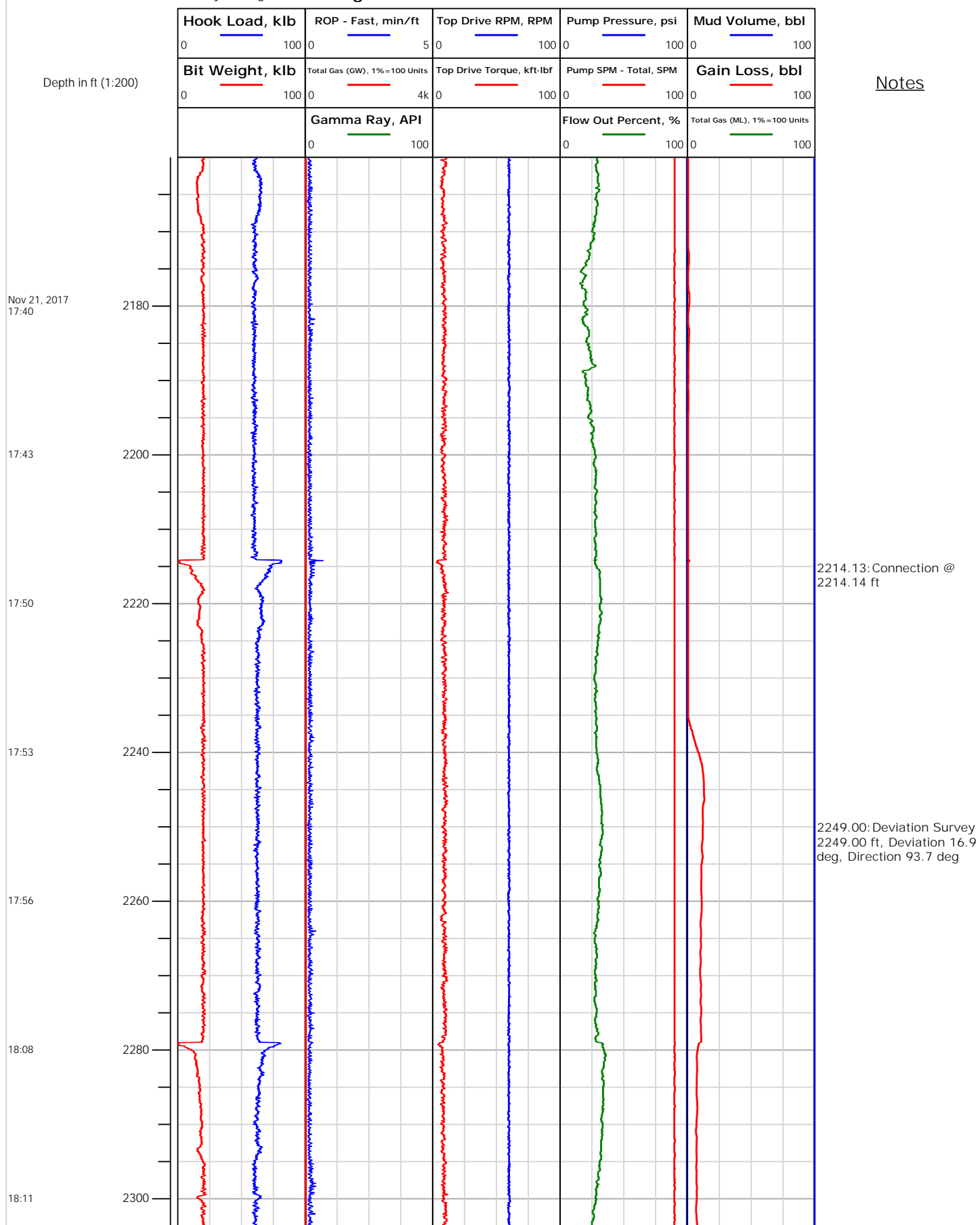
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Electronic Drilling Recorder

Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





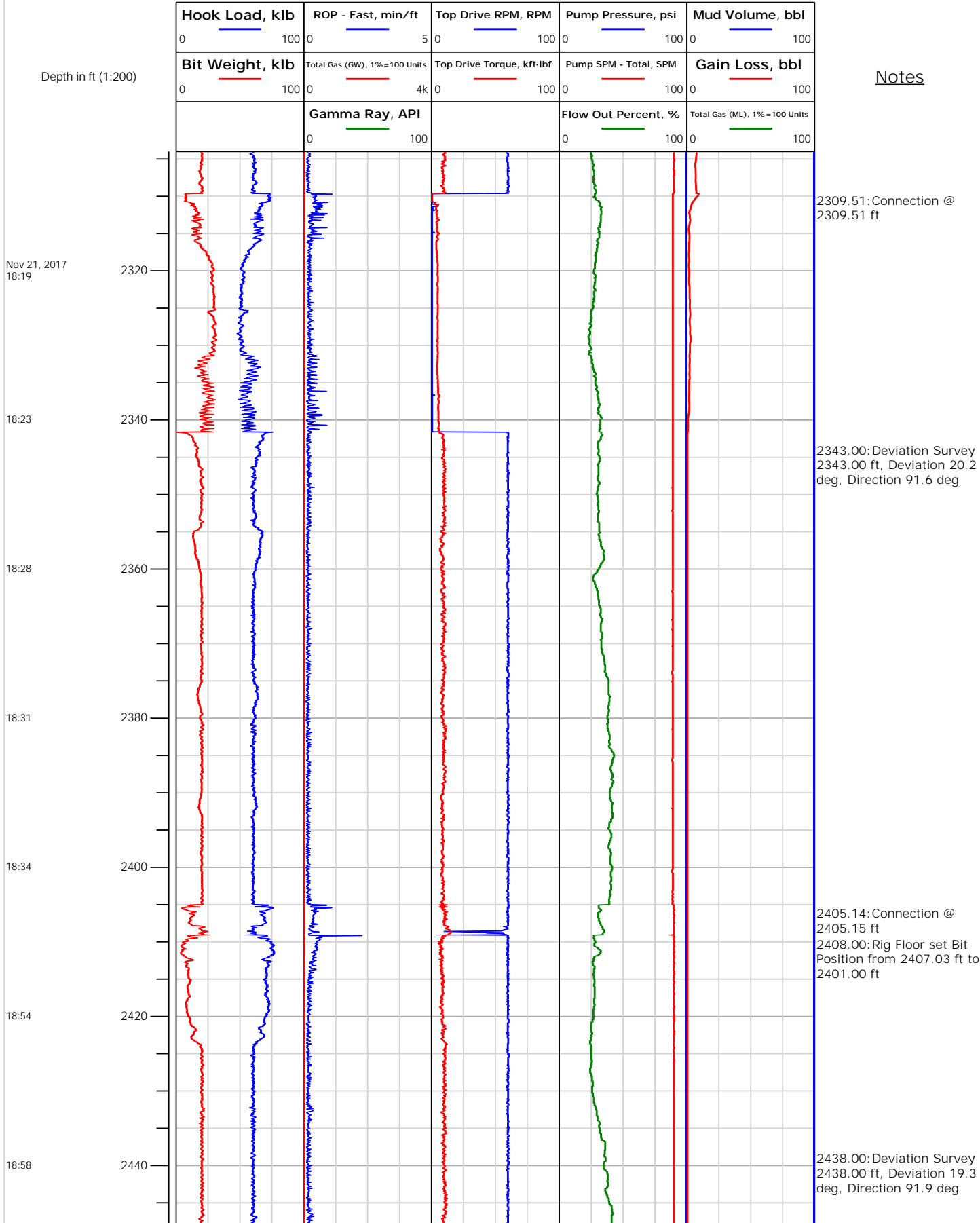
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Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





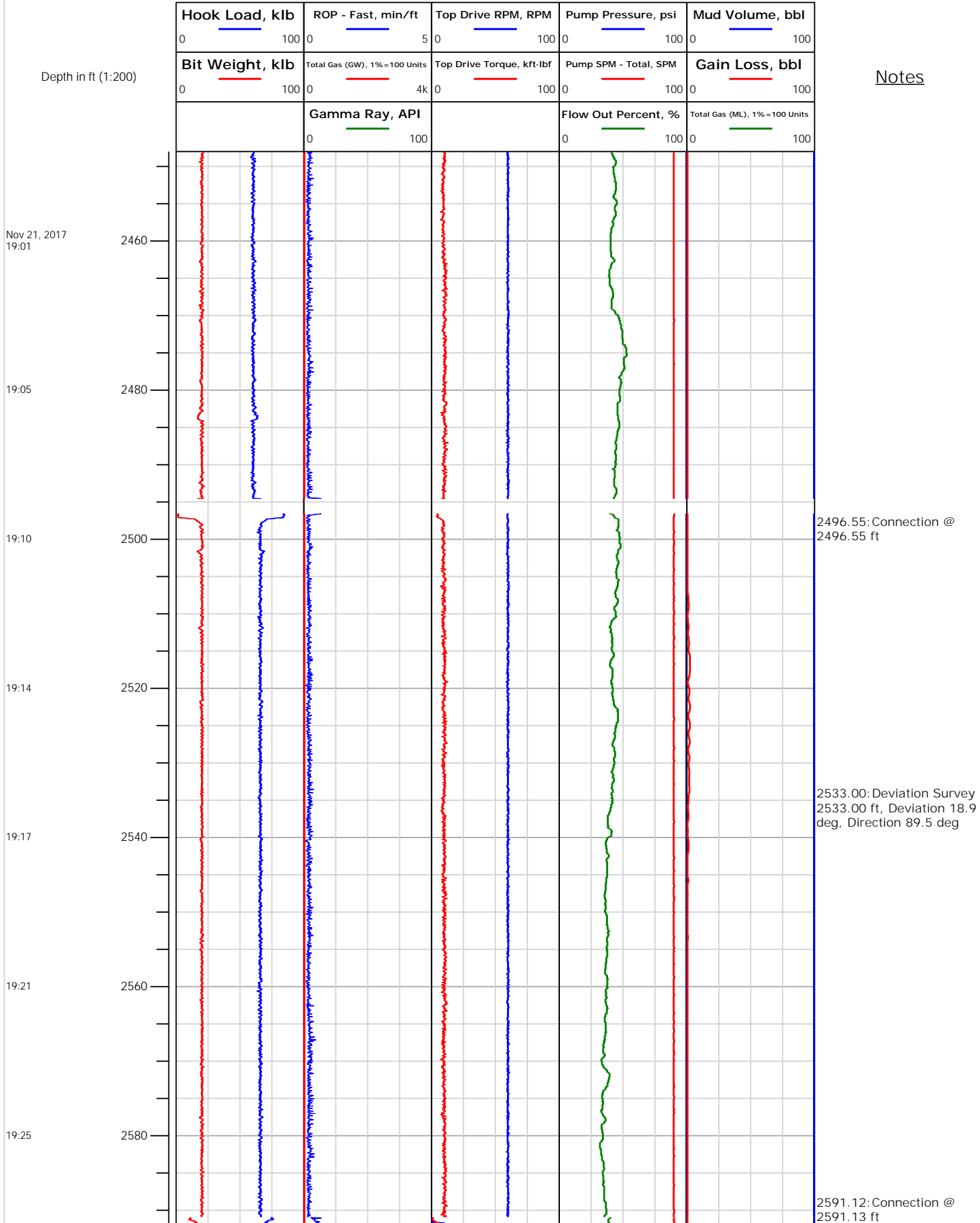
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Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





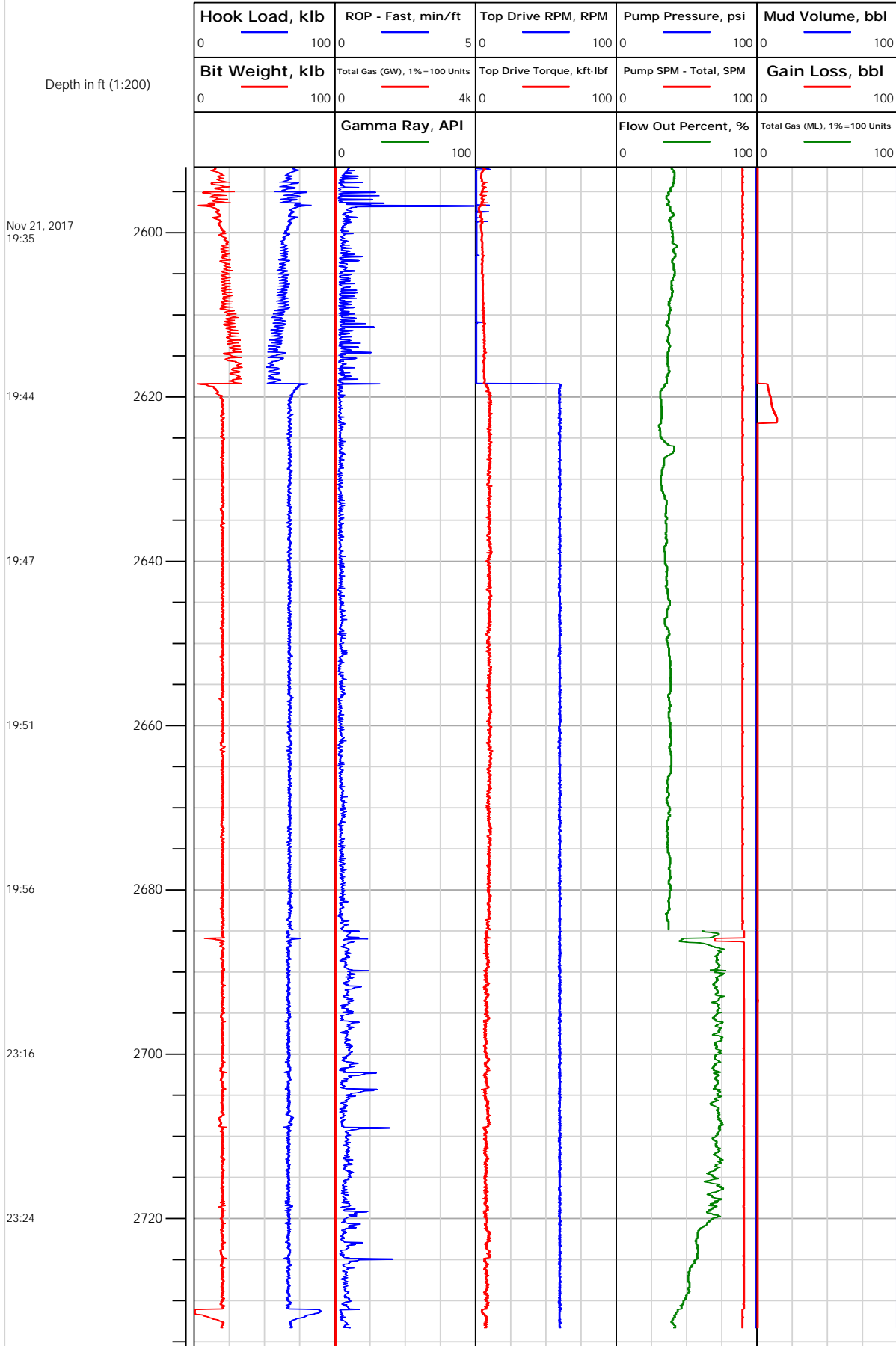
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Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





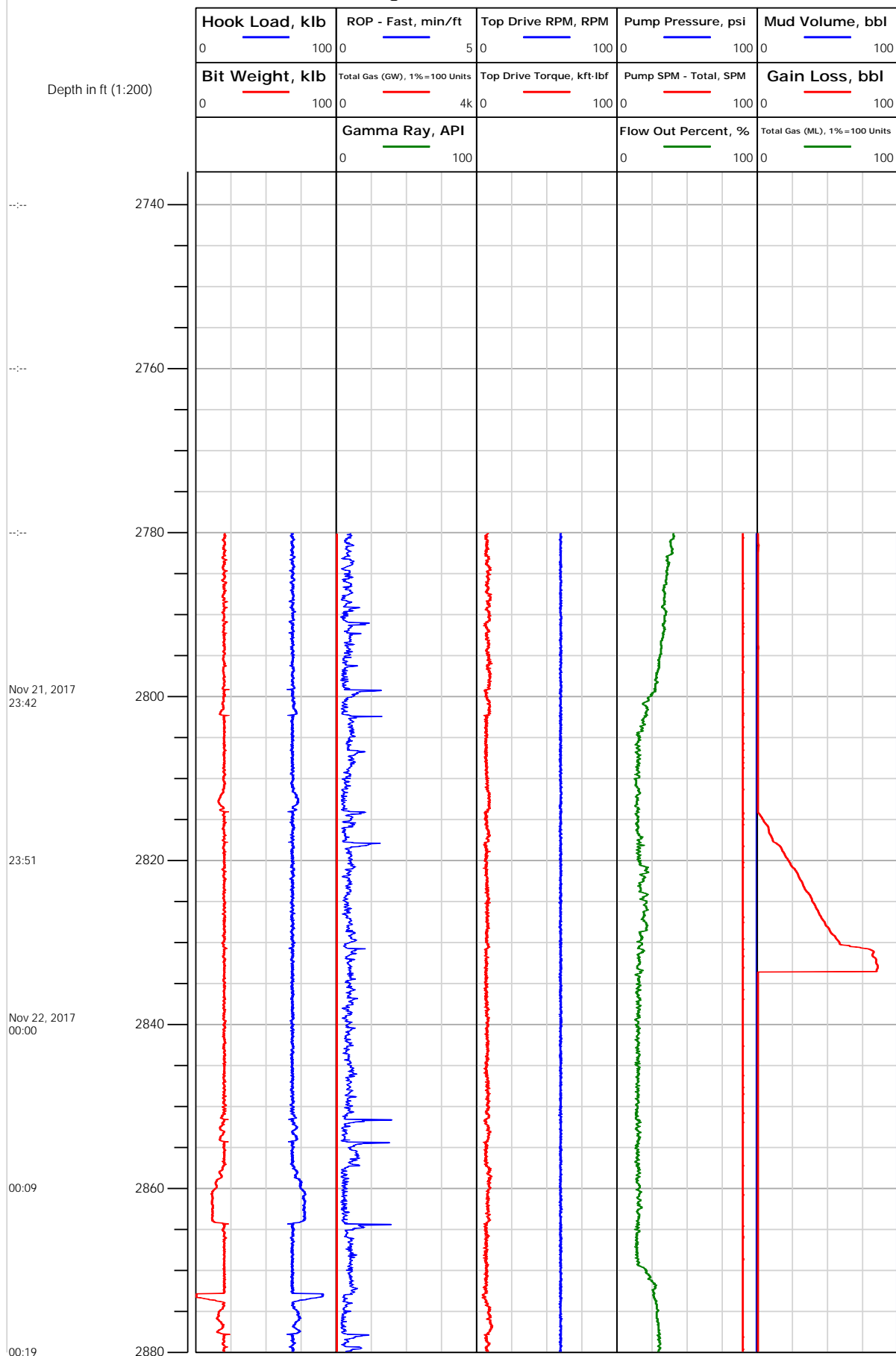
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Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





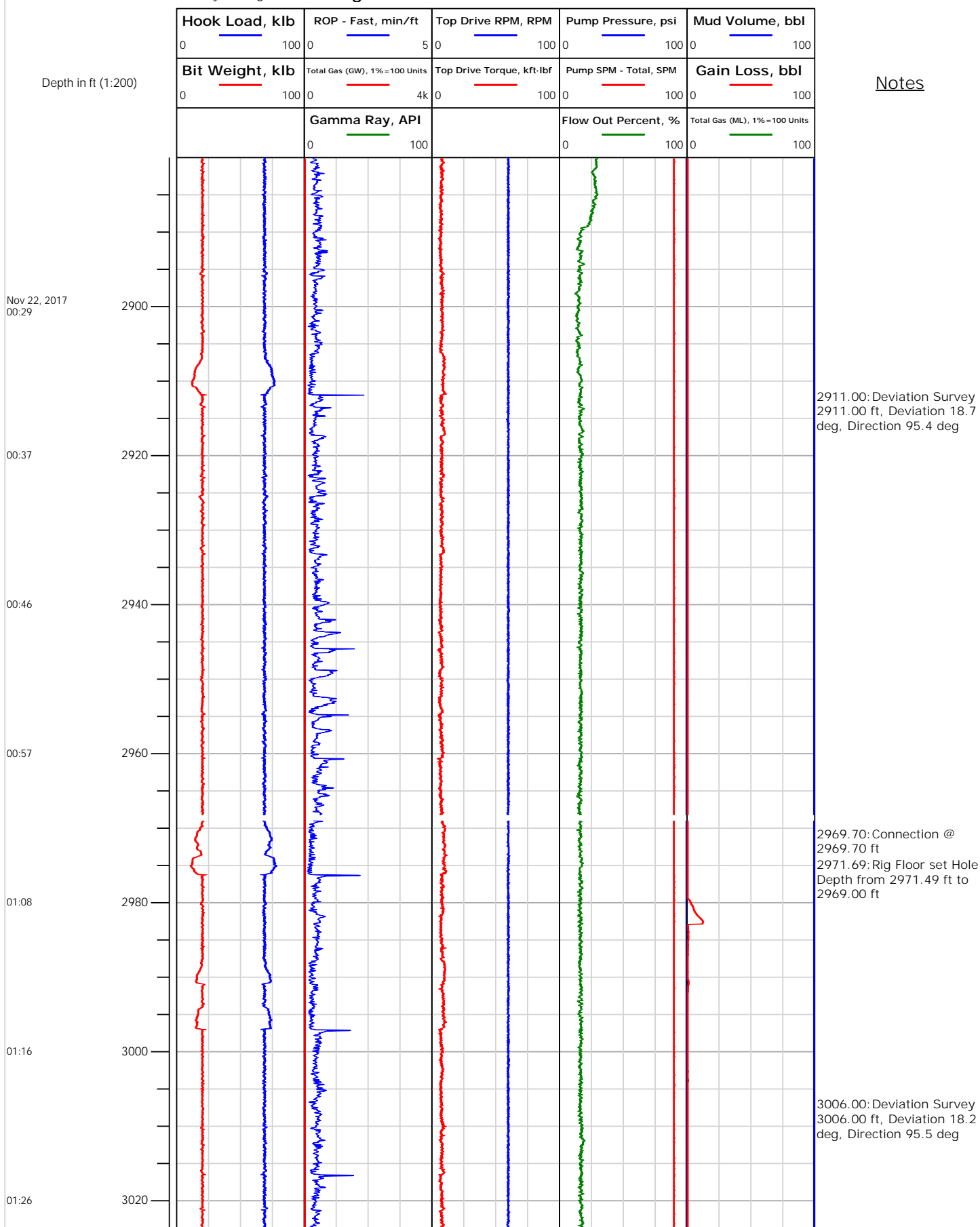
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Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





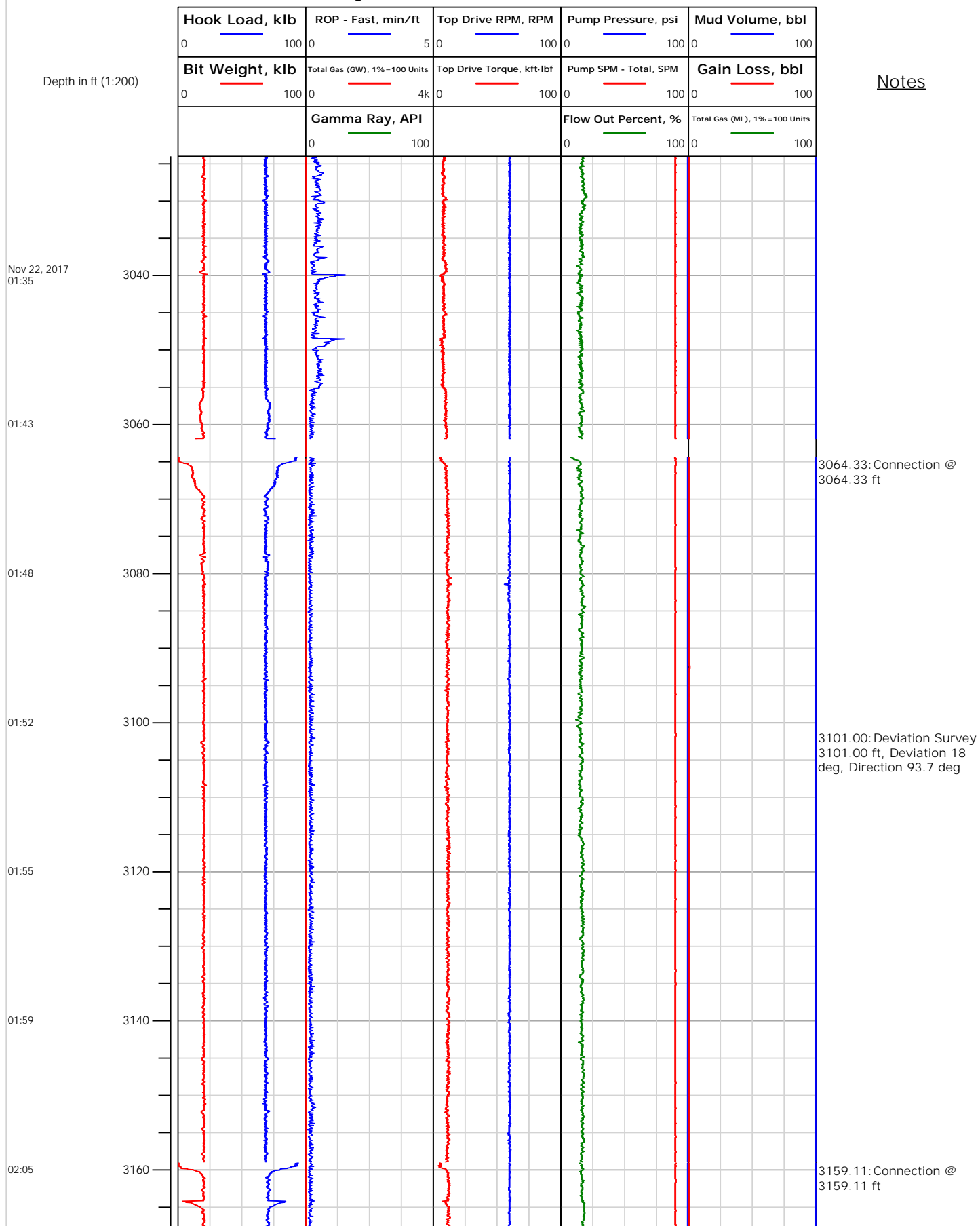
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Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





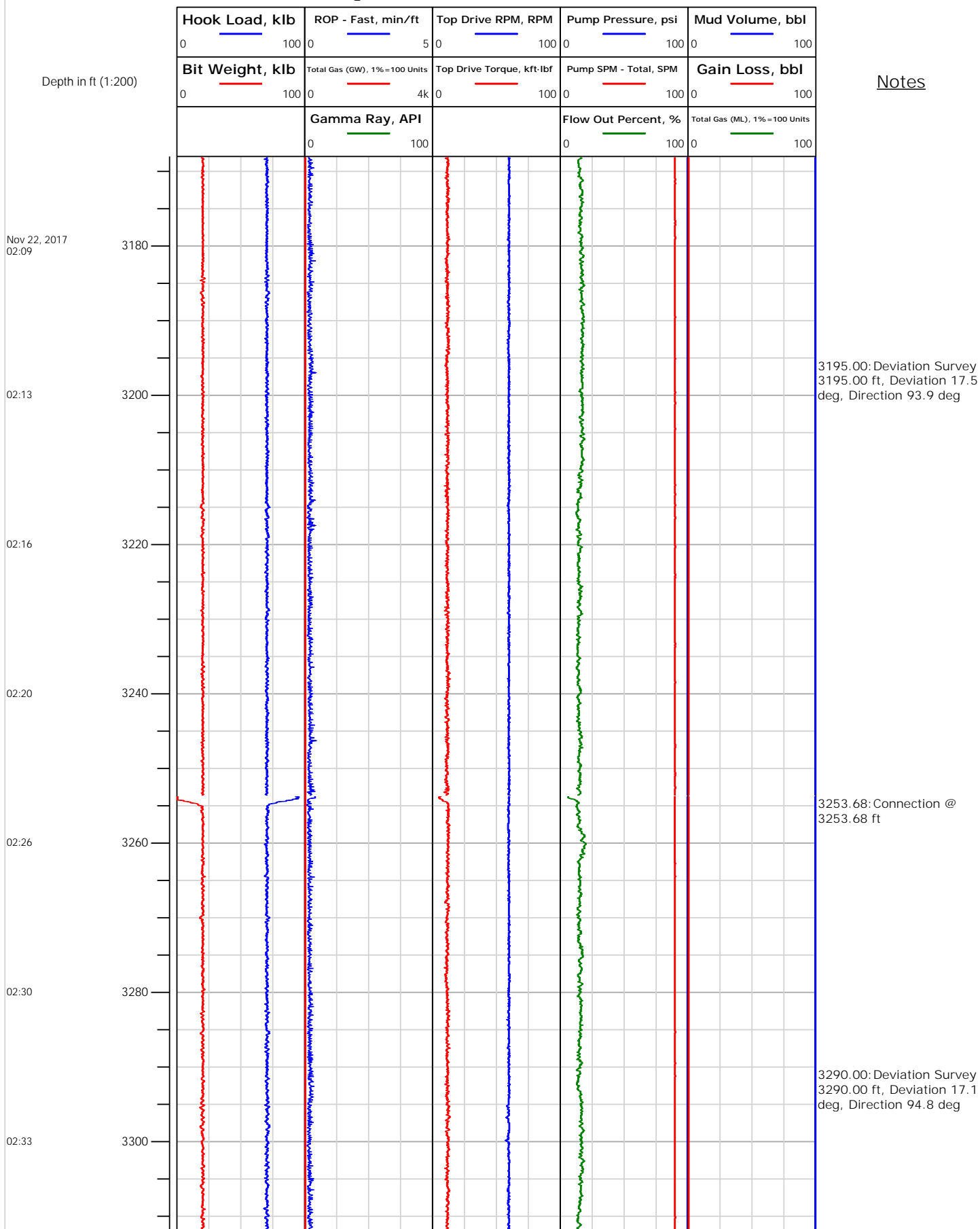
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Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





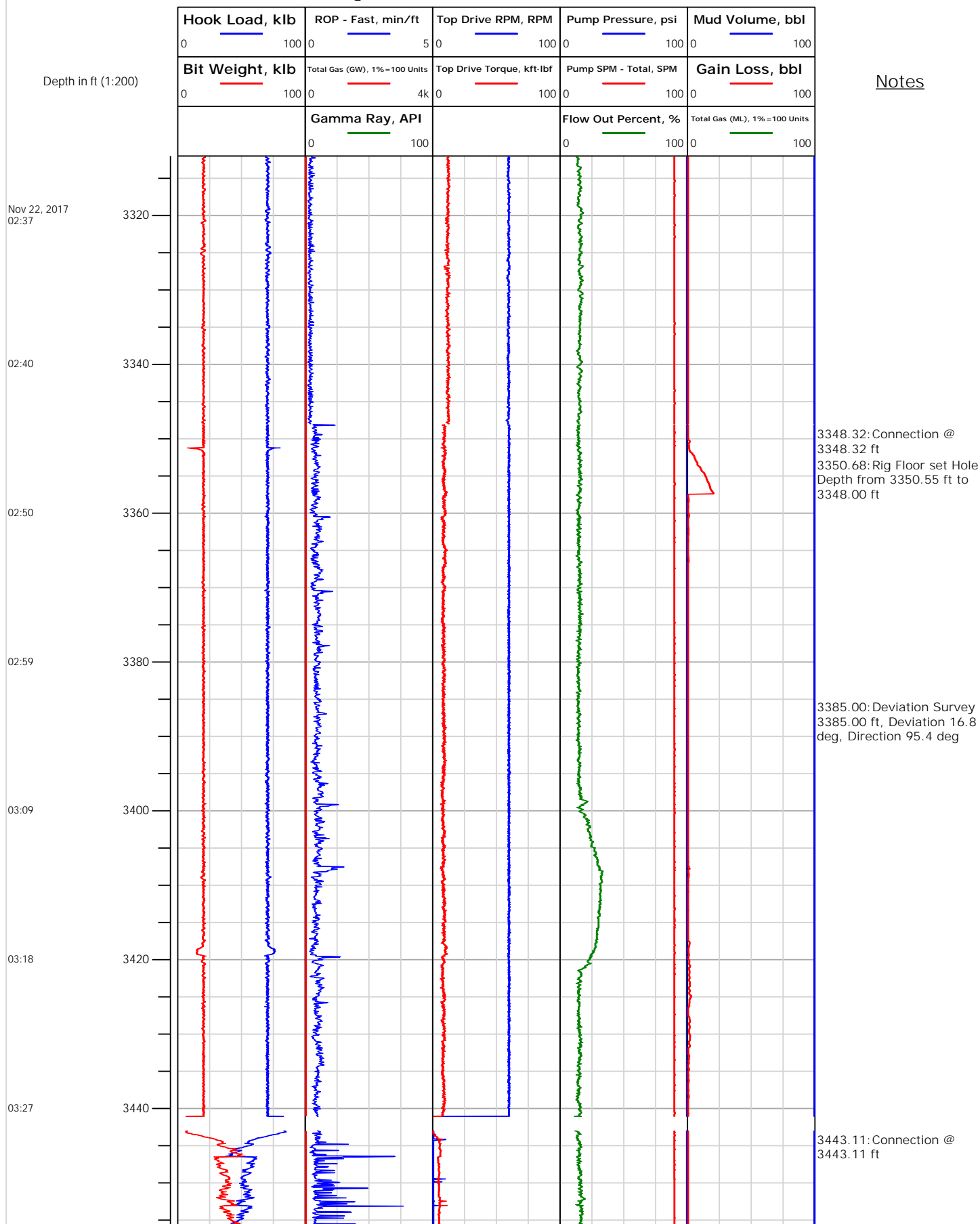
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Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





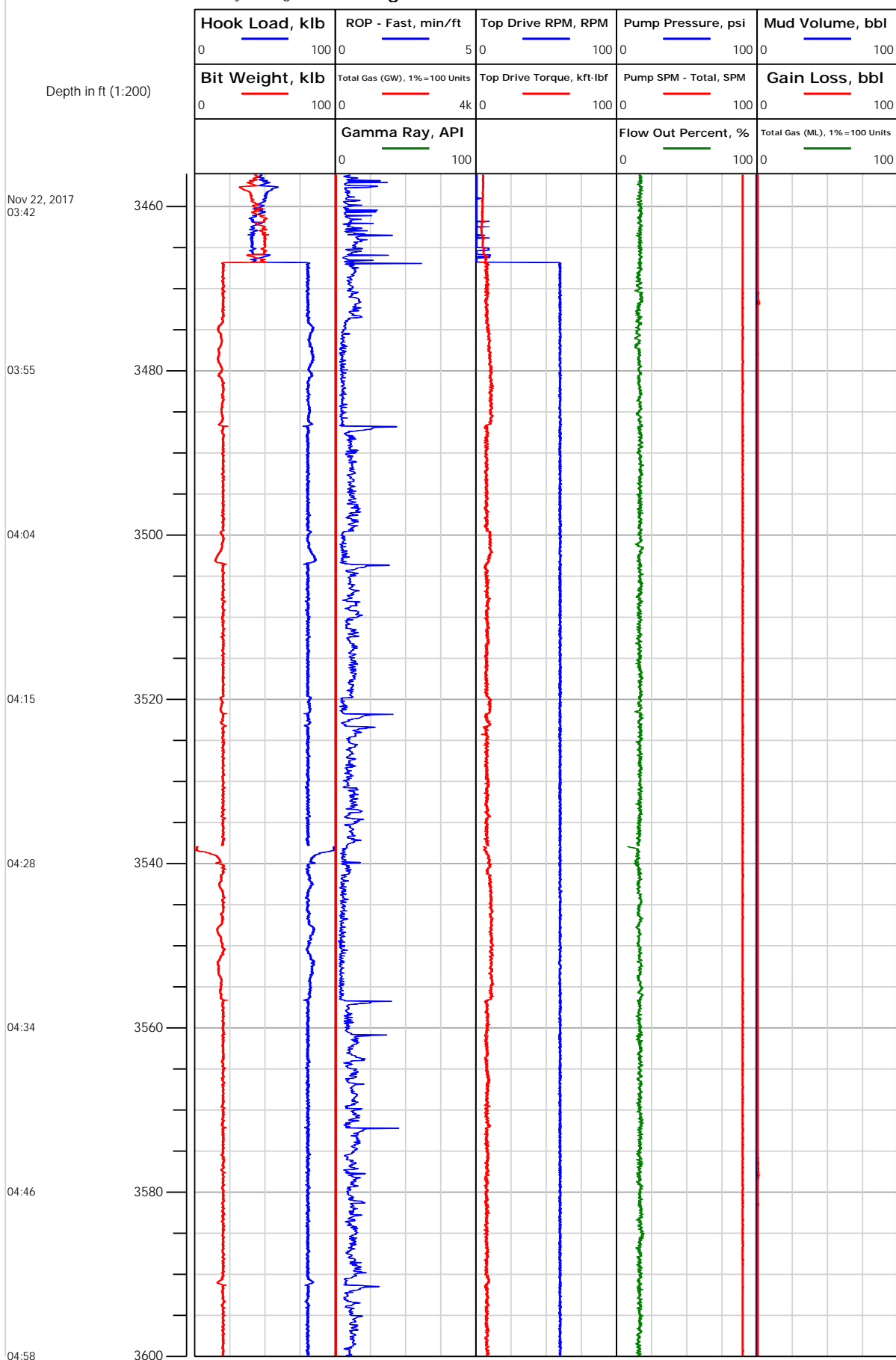
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Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





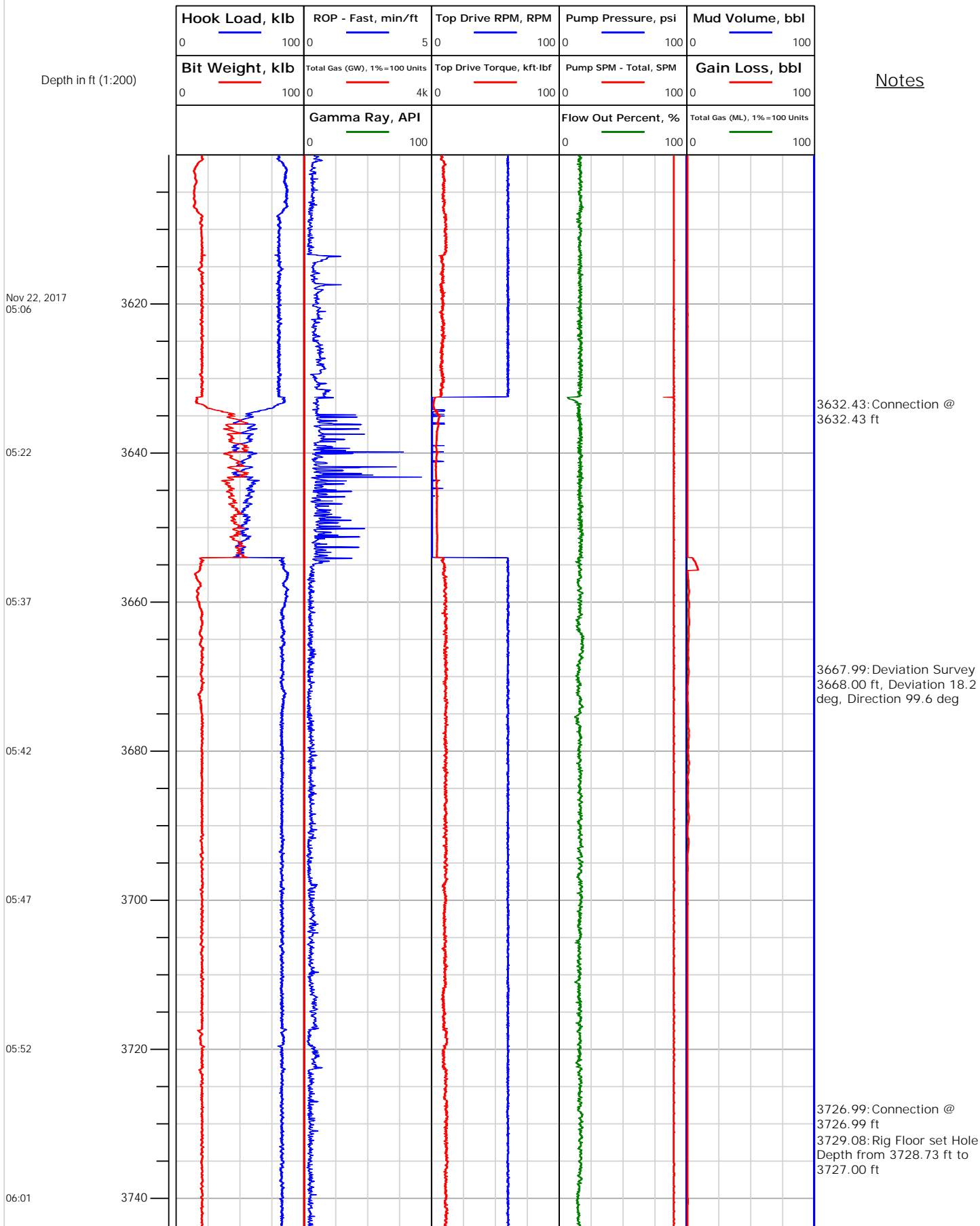
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Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





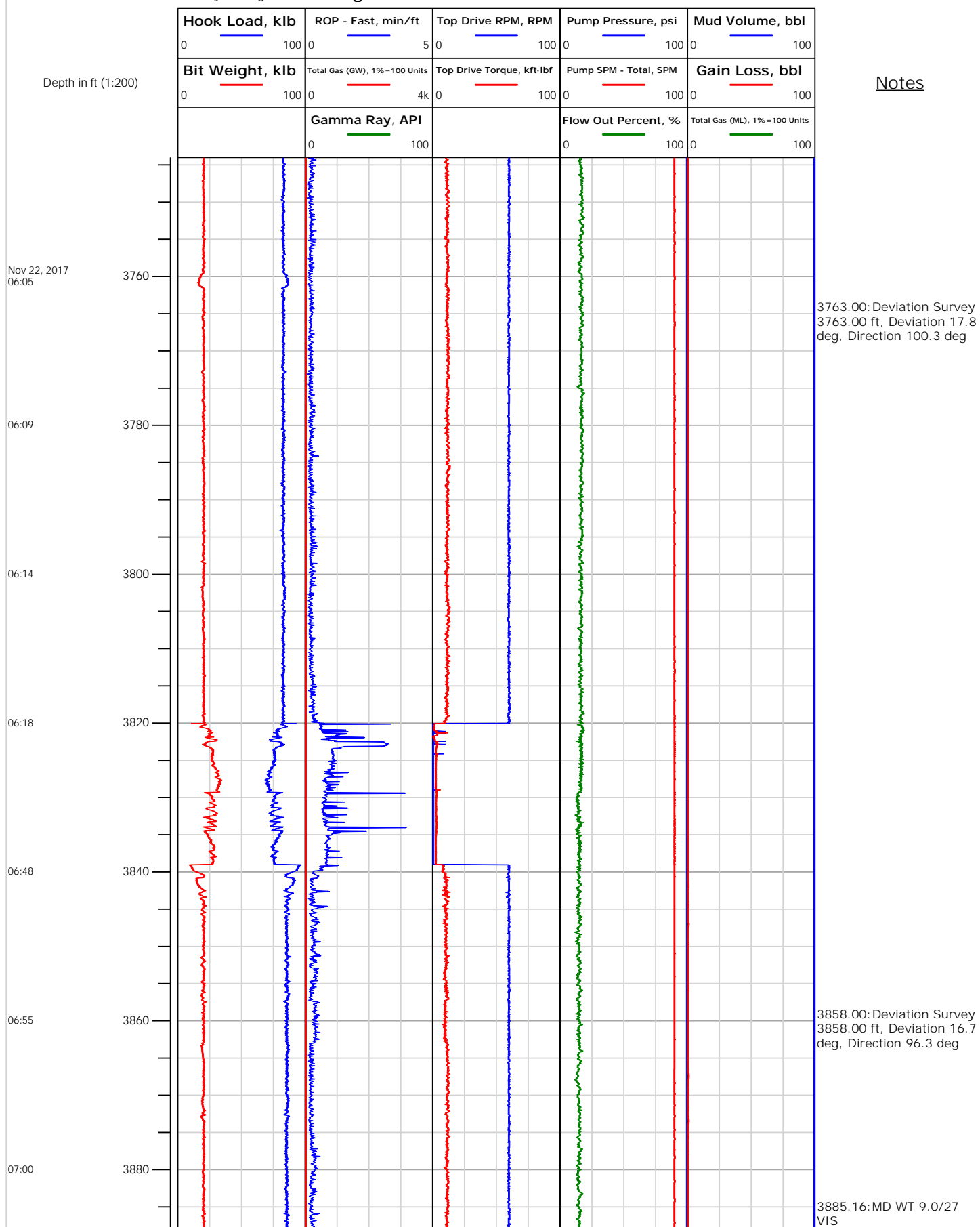
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Rig: 290

Location:

Notes





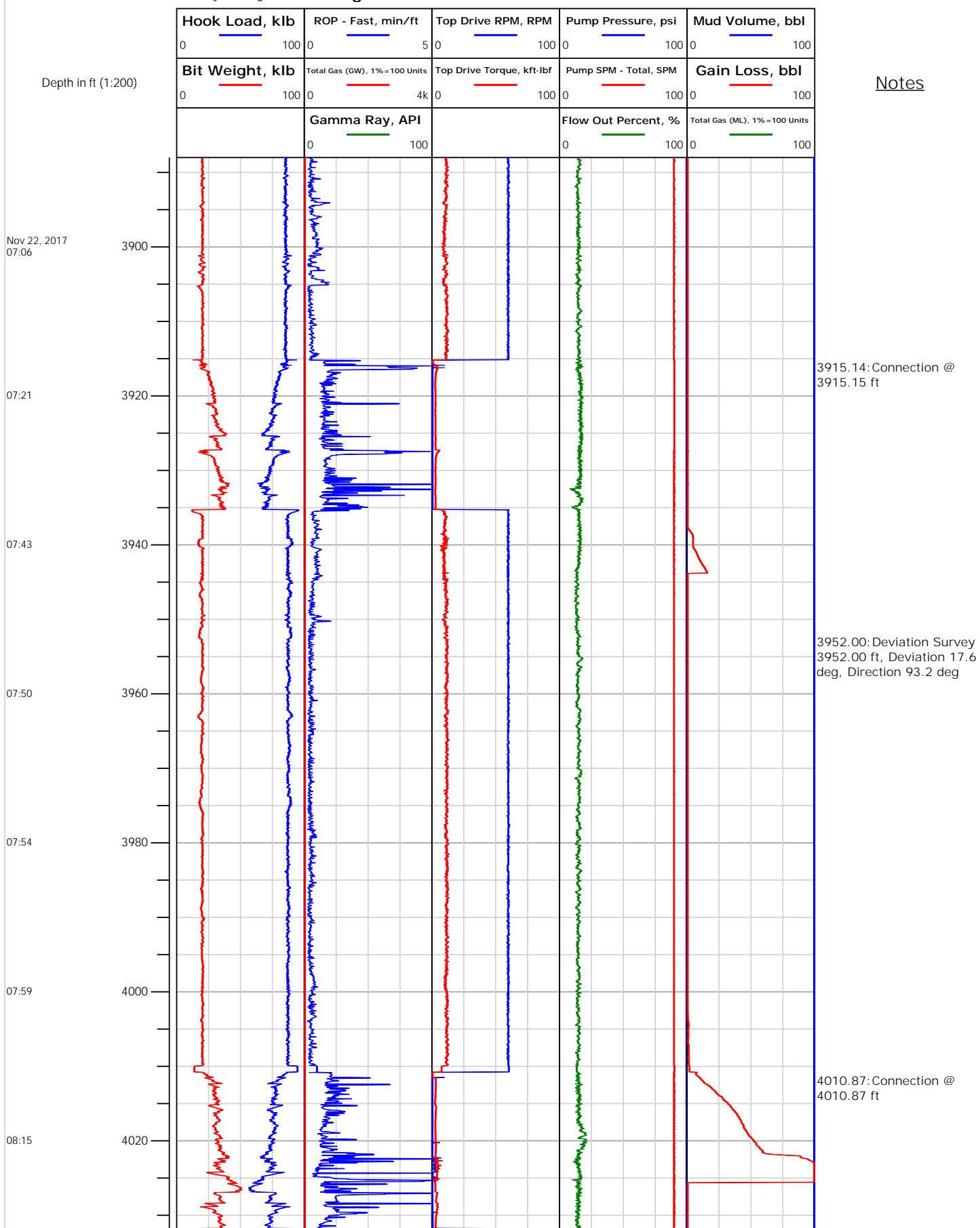
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Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





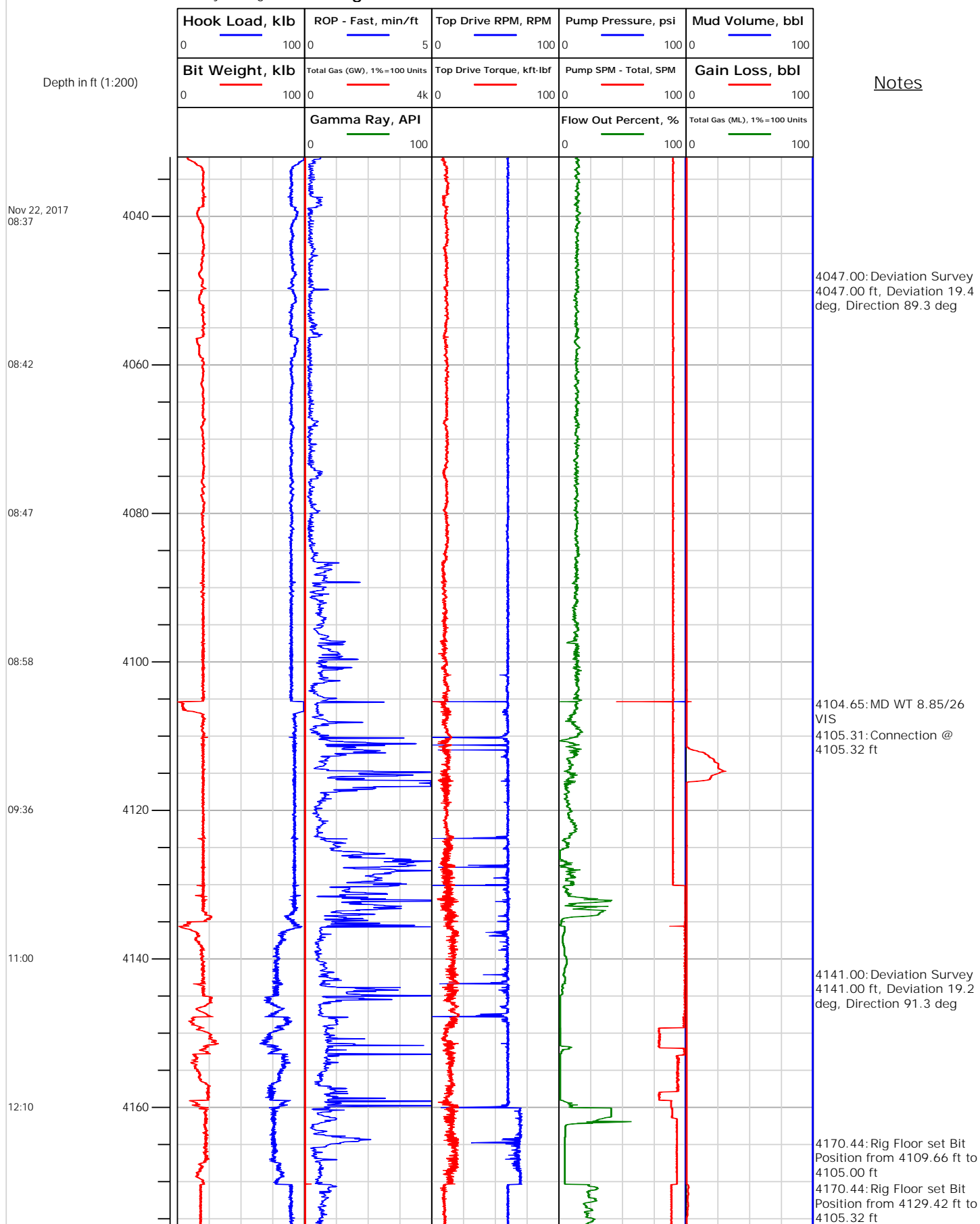
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Rig: 290

Location:

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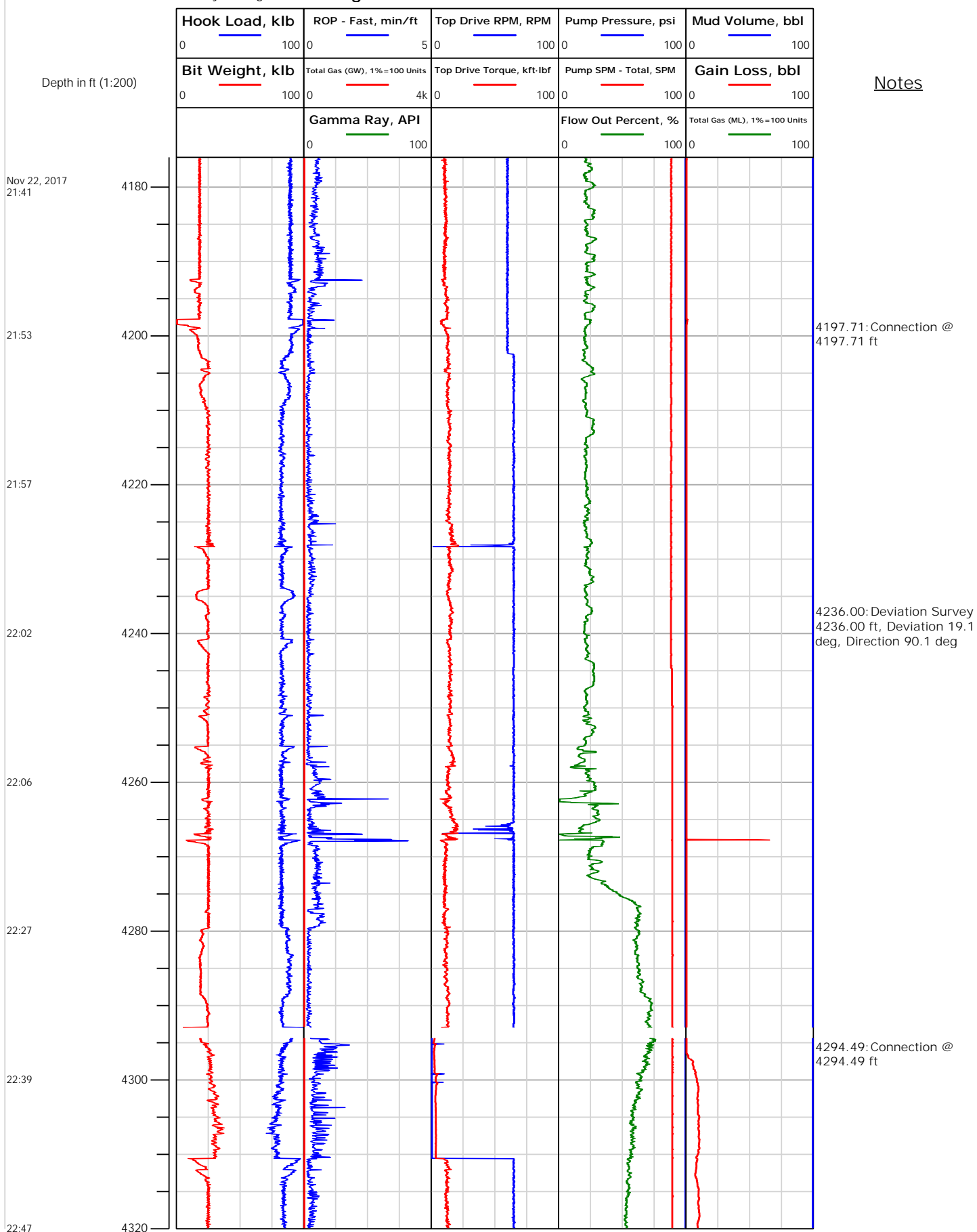
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Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





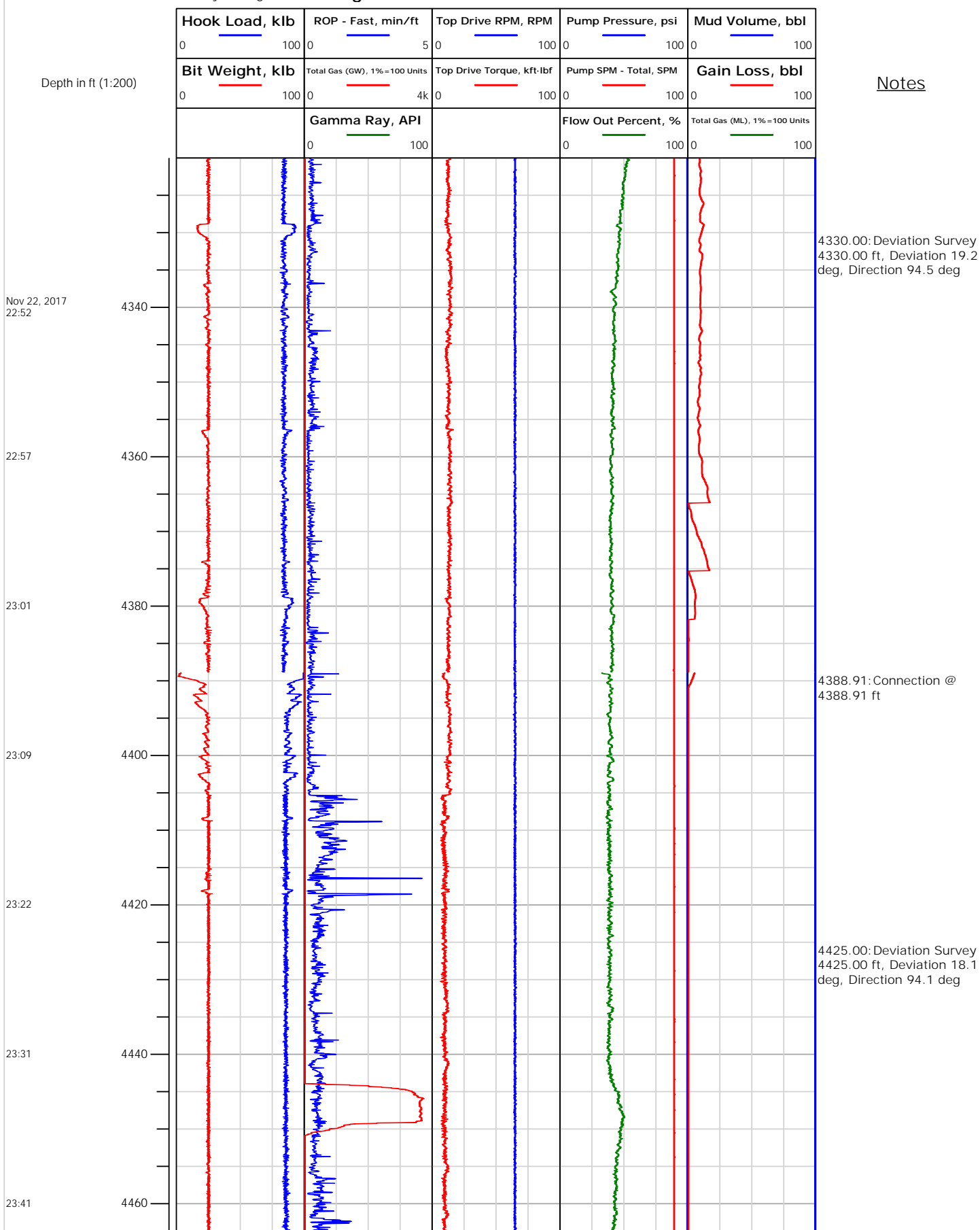
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Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





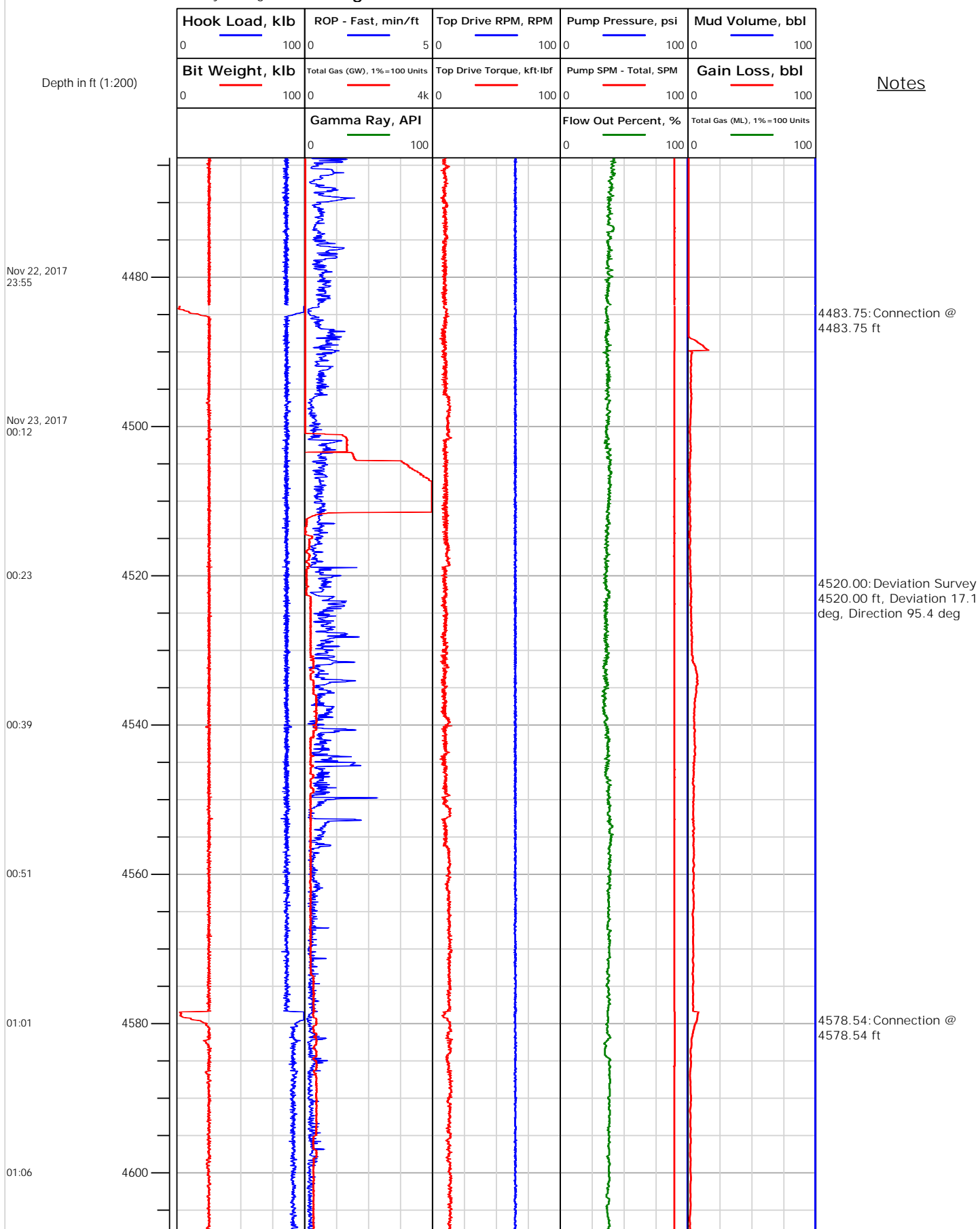
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Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





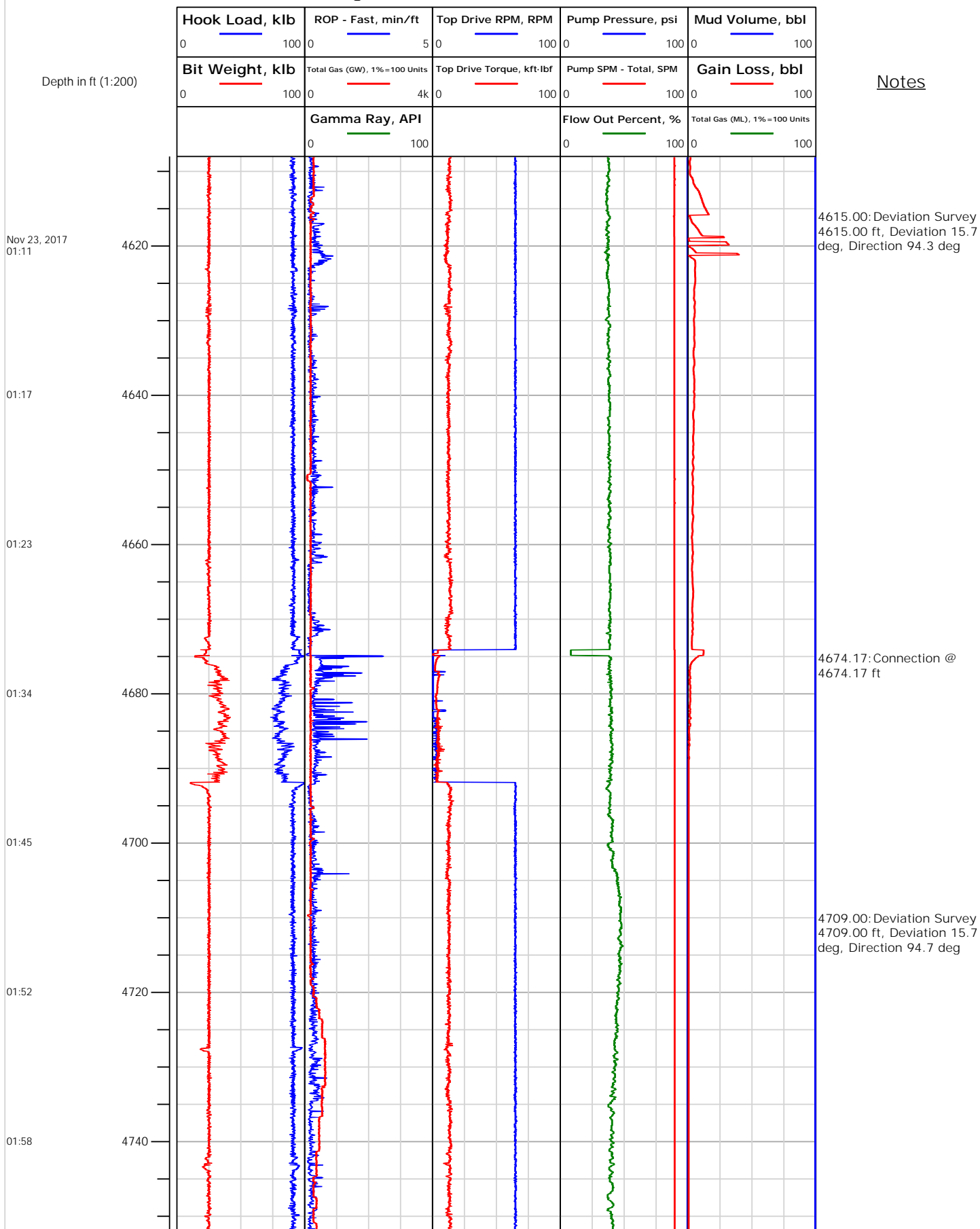
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Rig: 290

Location:

Notes





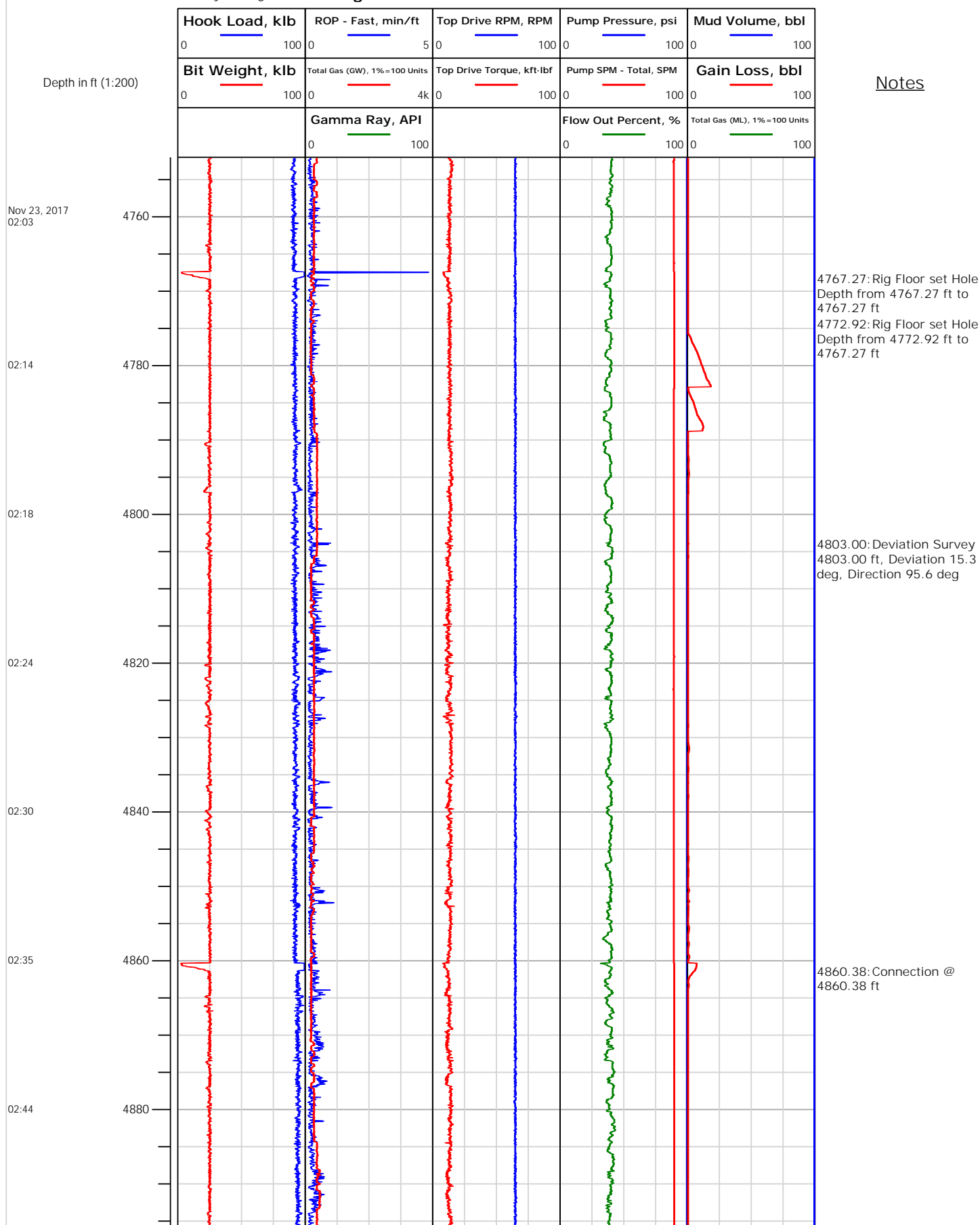
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Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





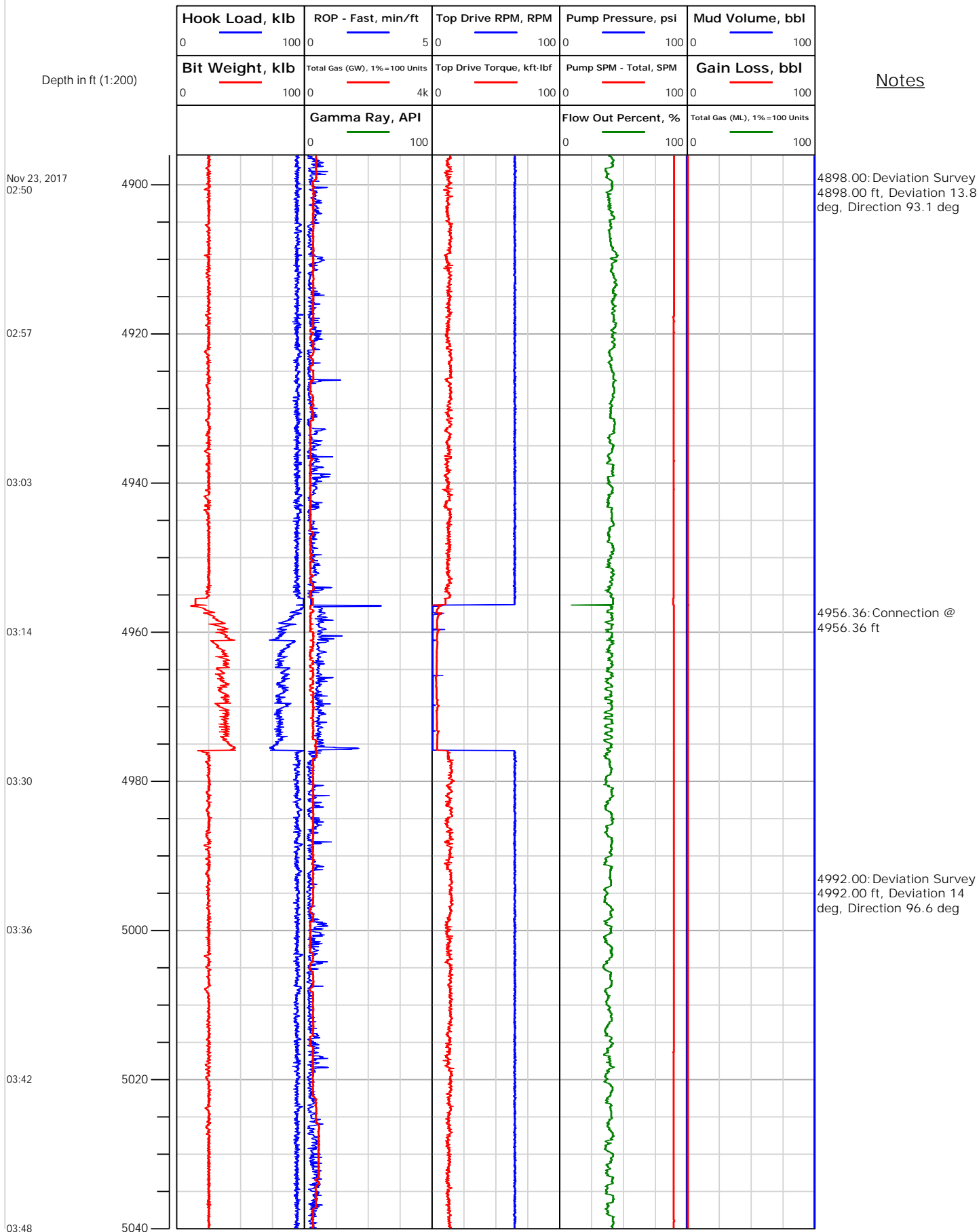
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Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





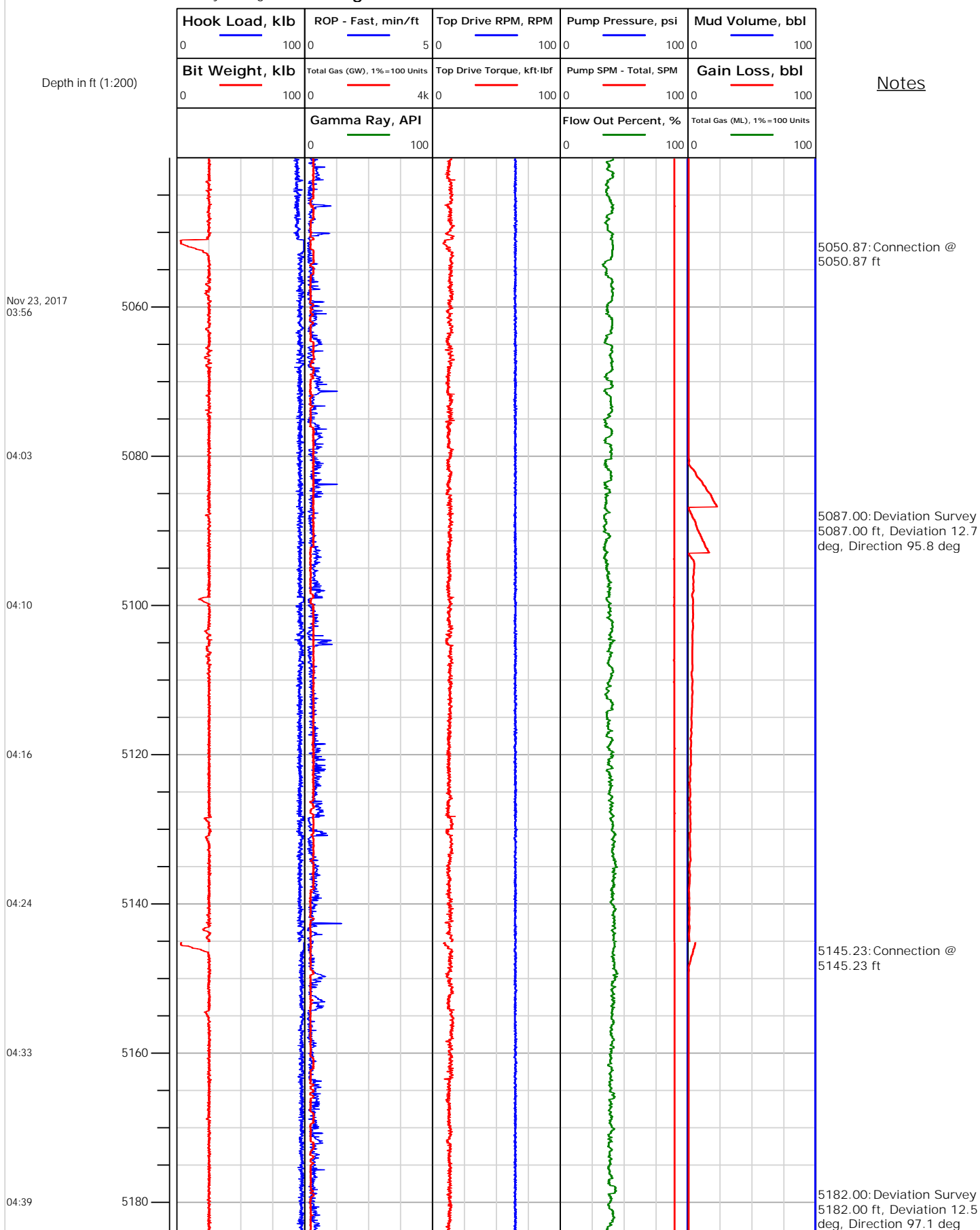
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Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





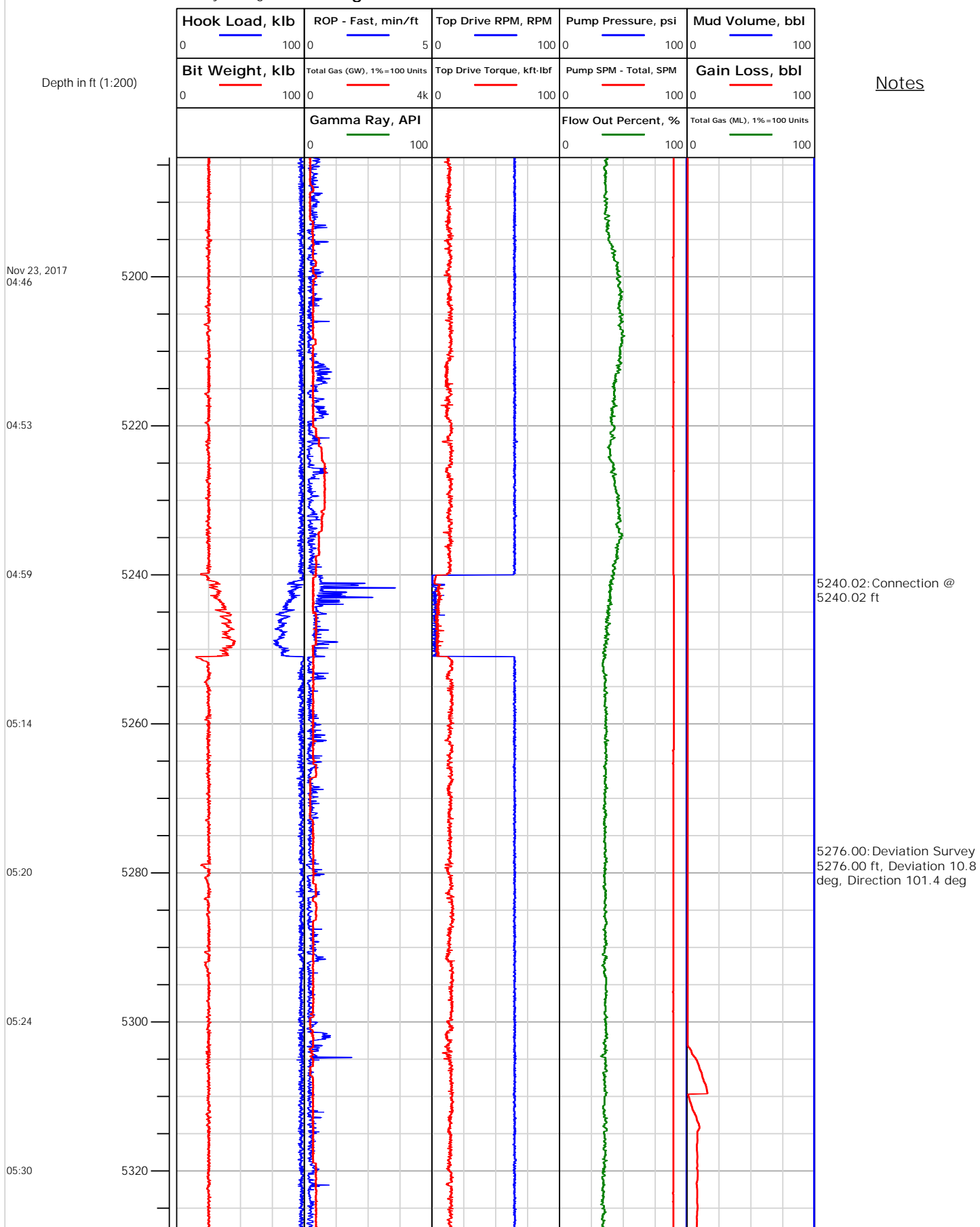
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Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





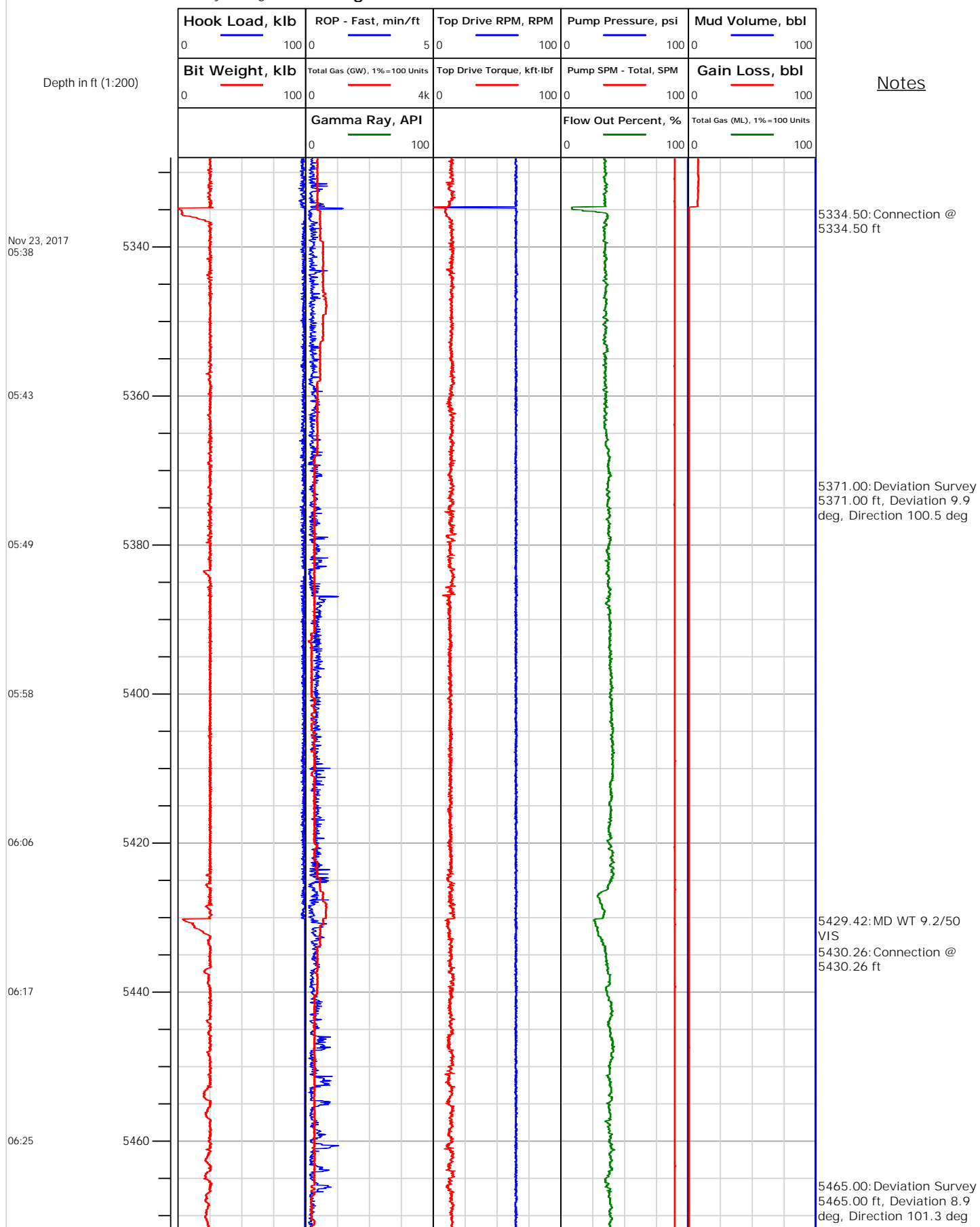
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Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





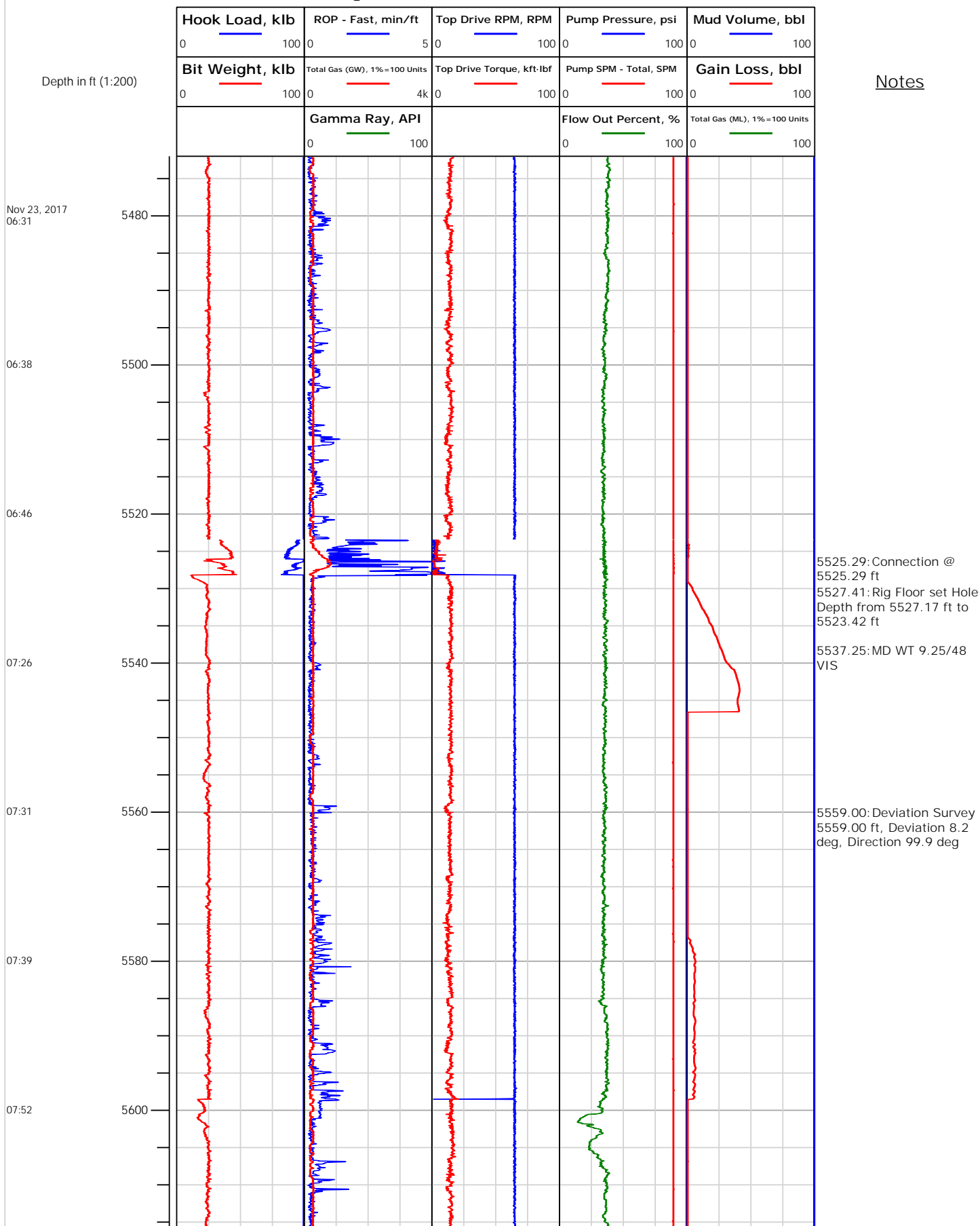
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Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





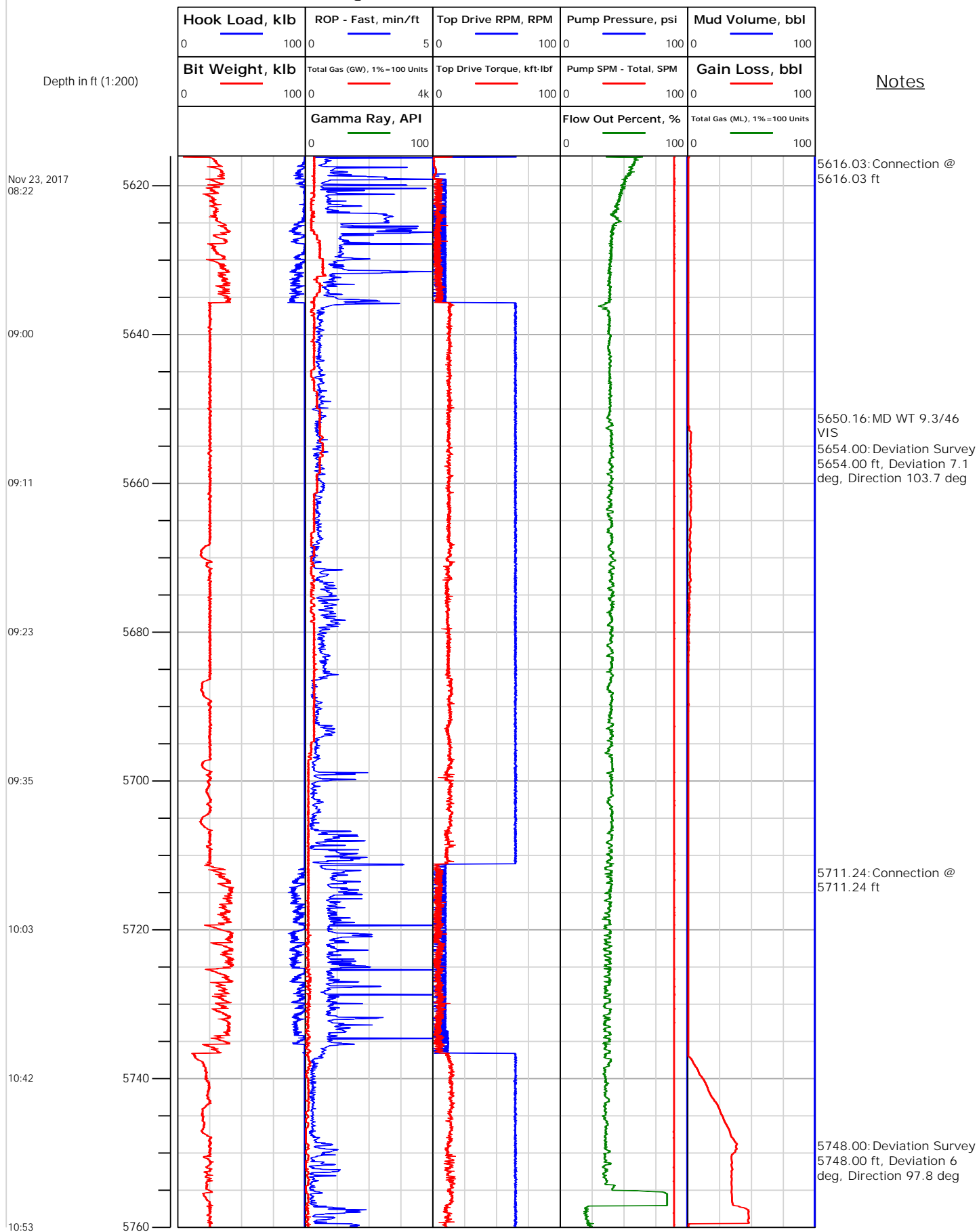
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Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





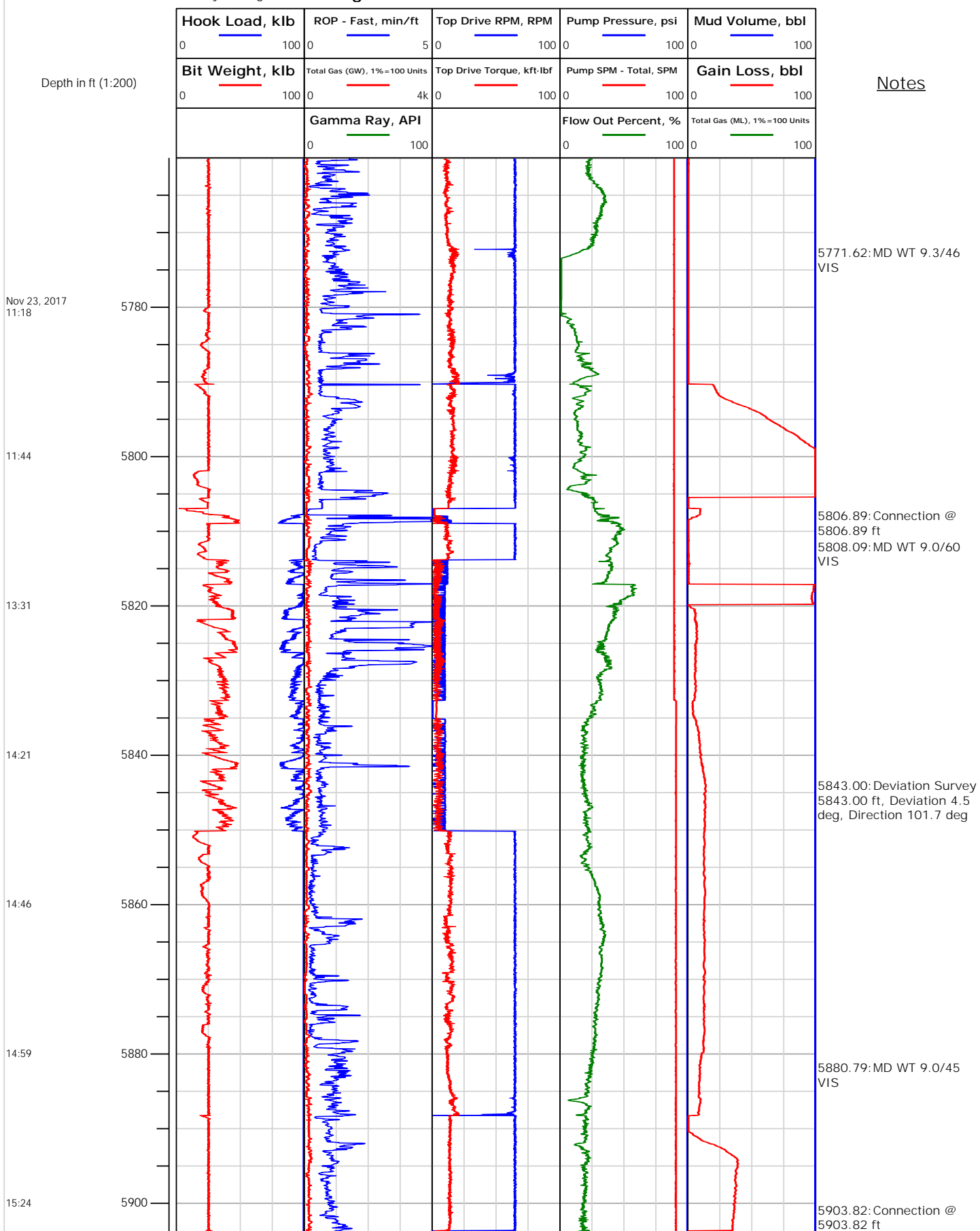
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Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





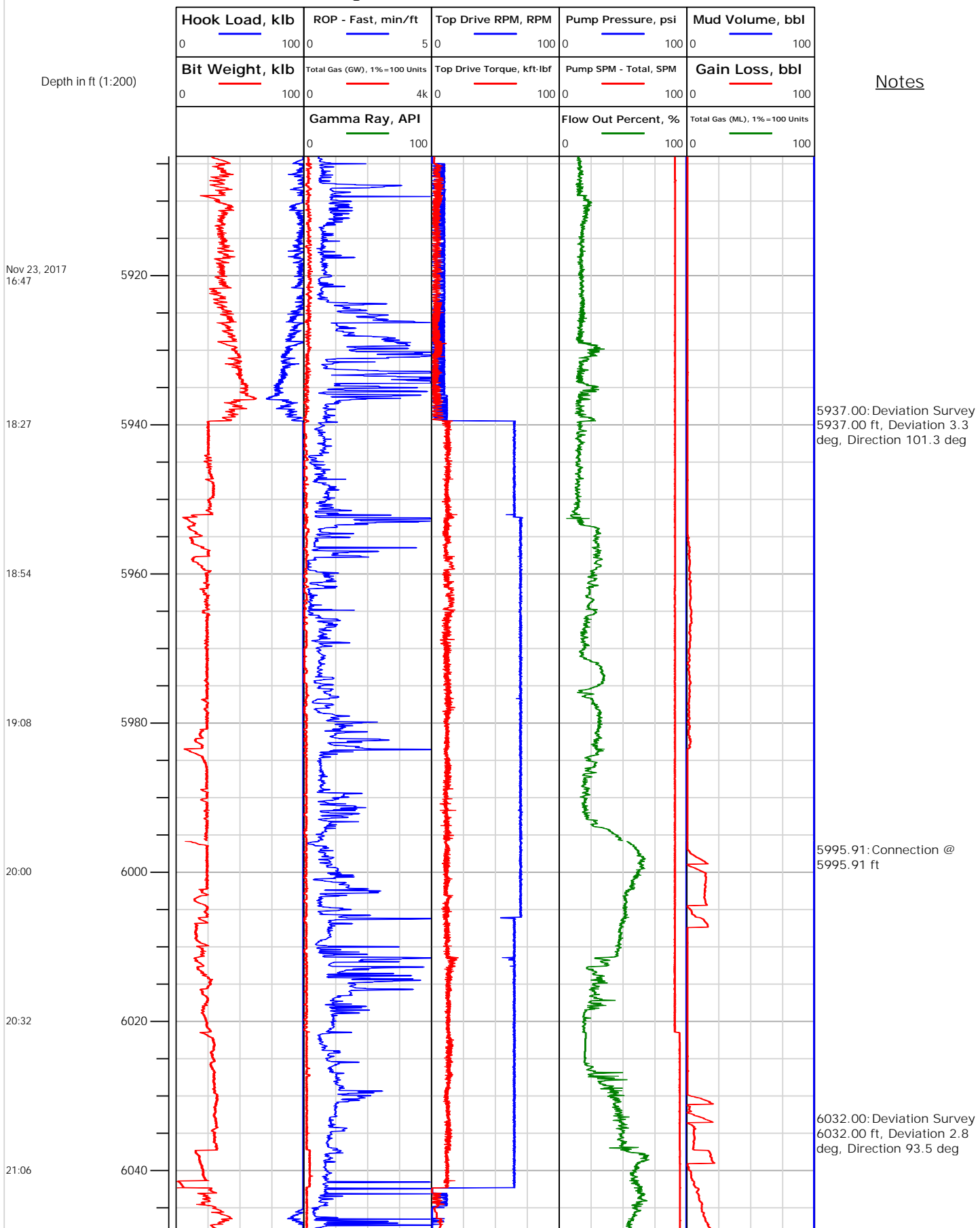
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Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





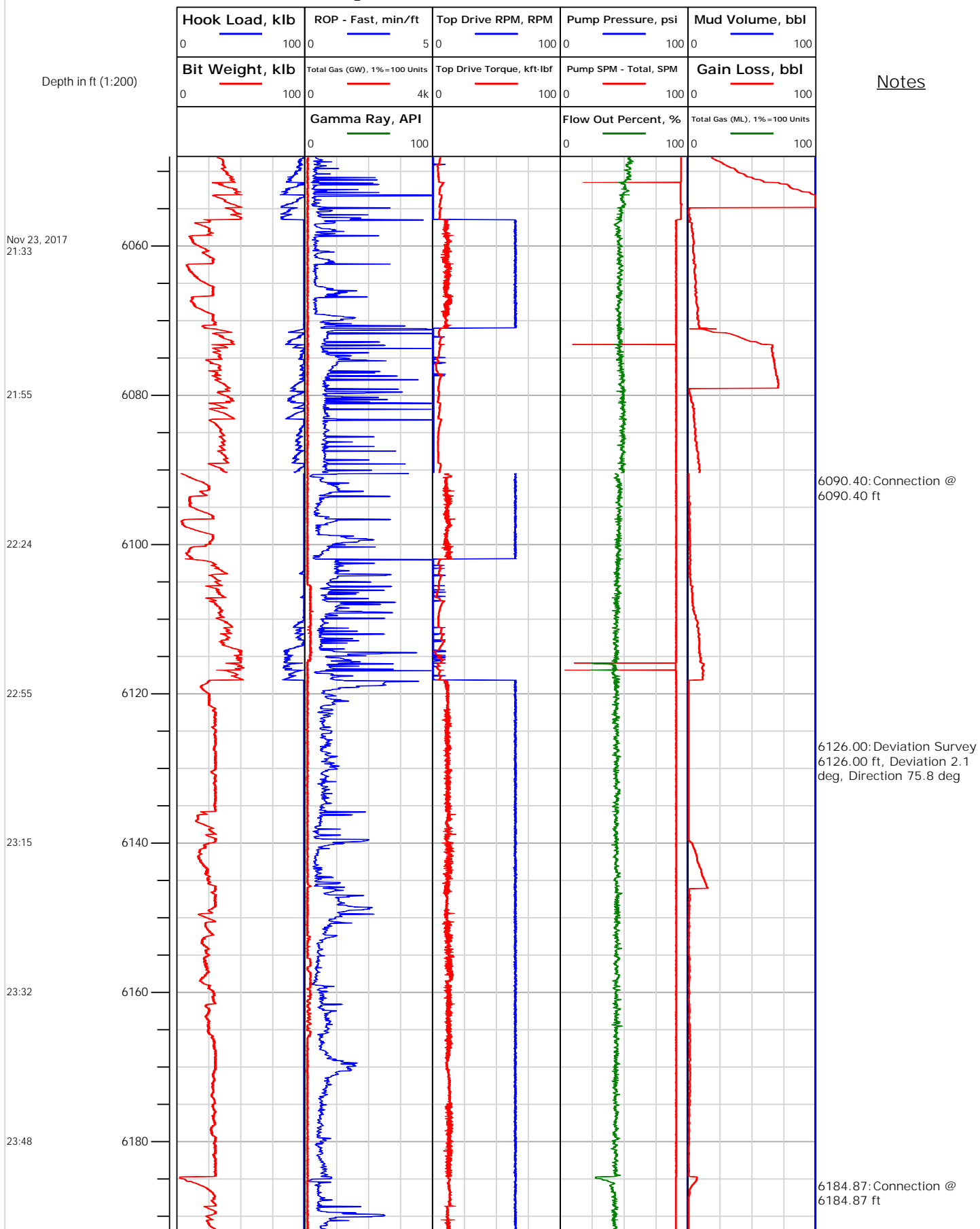
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Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





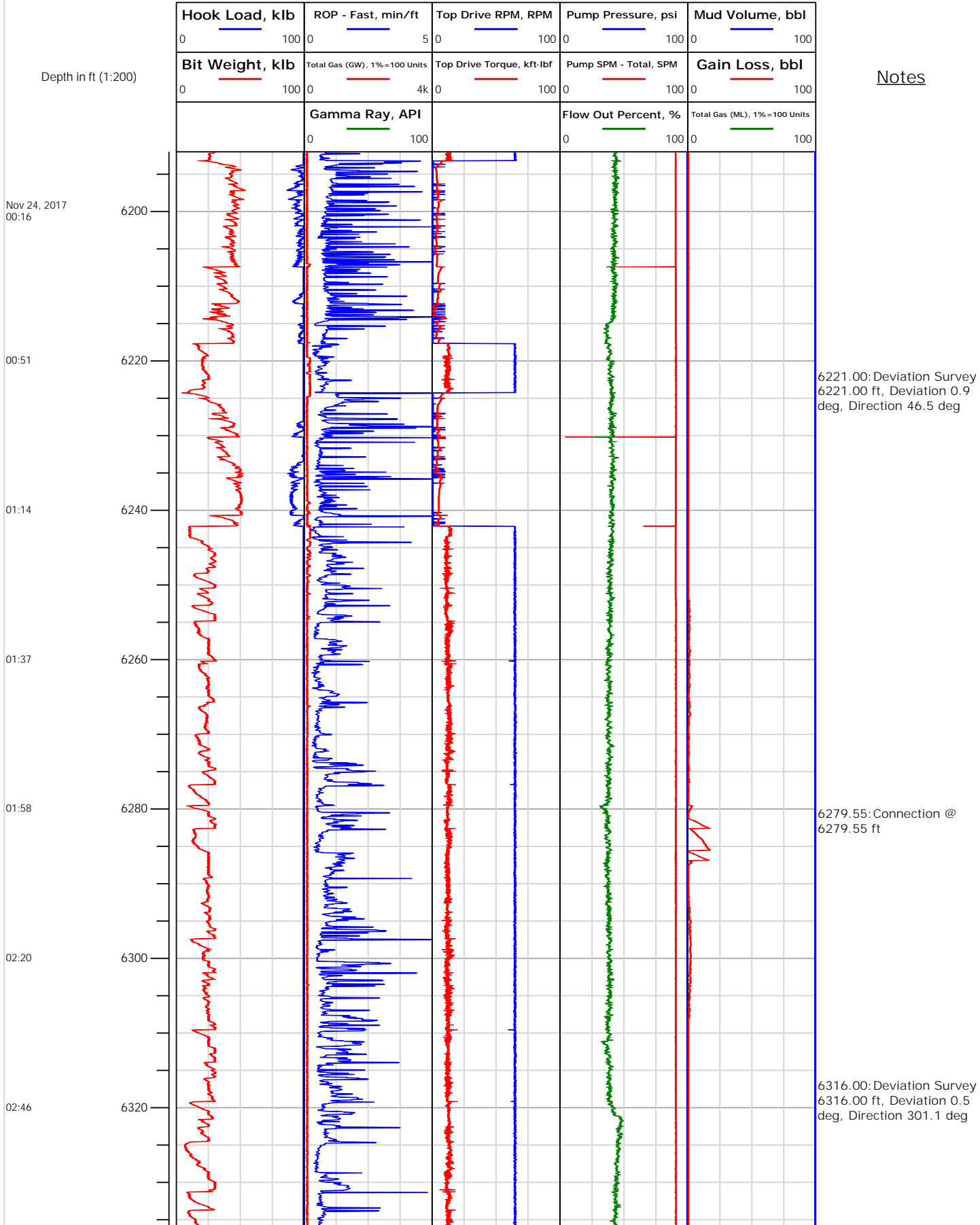
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Well Name: Nichols 24-09E
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Location:

Notes





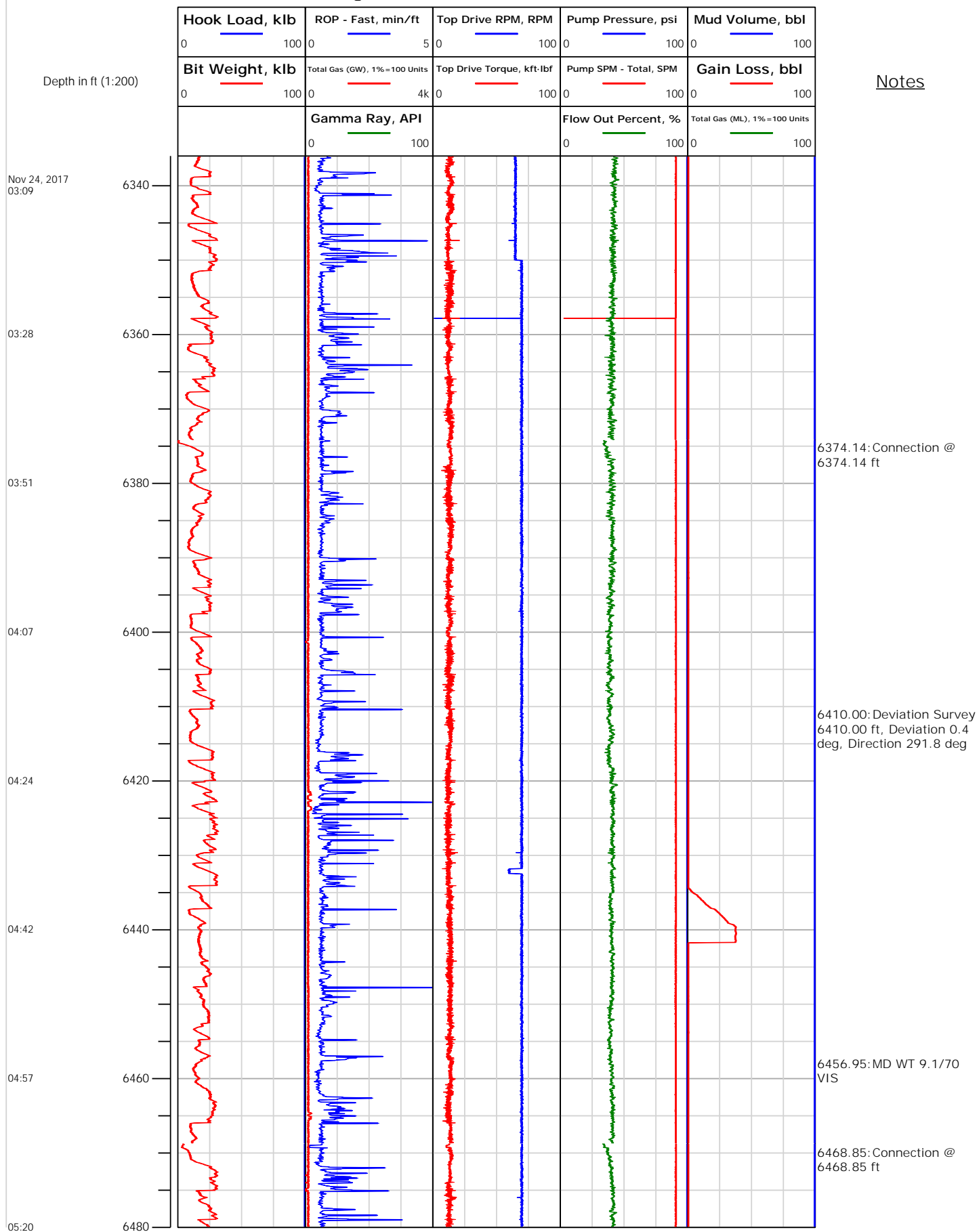
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Rig: 290

Location:

Notes





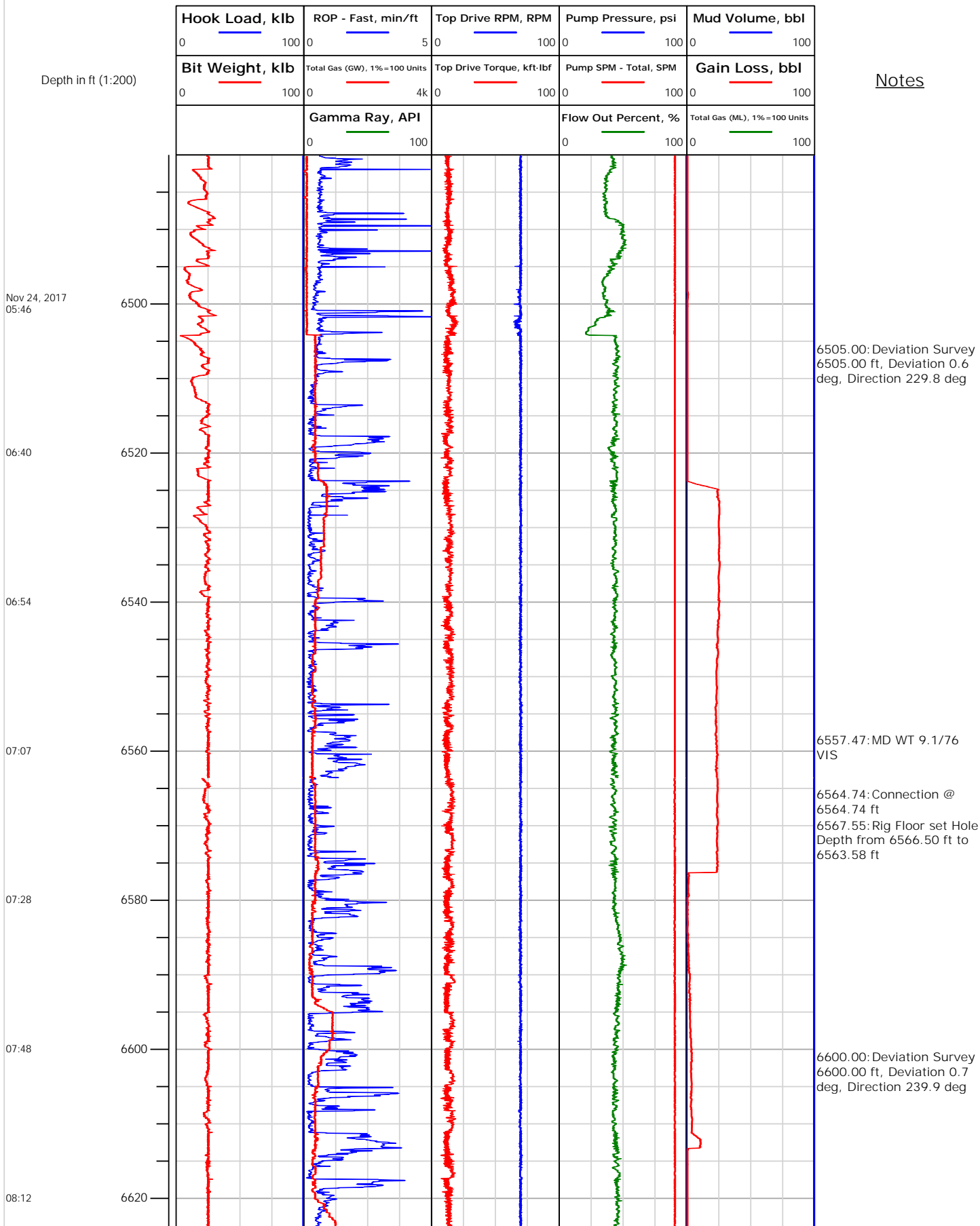
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Rig: 290

Location:

Notes





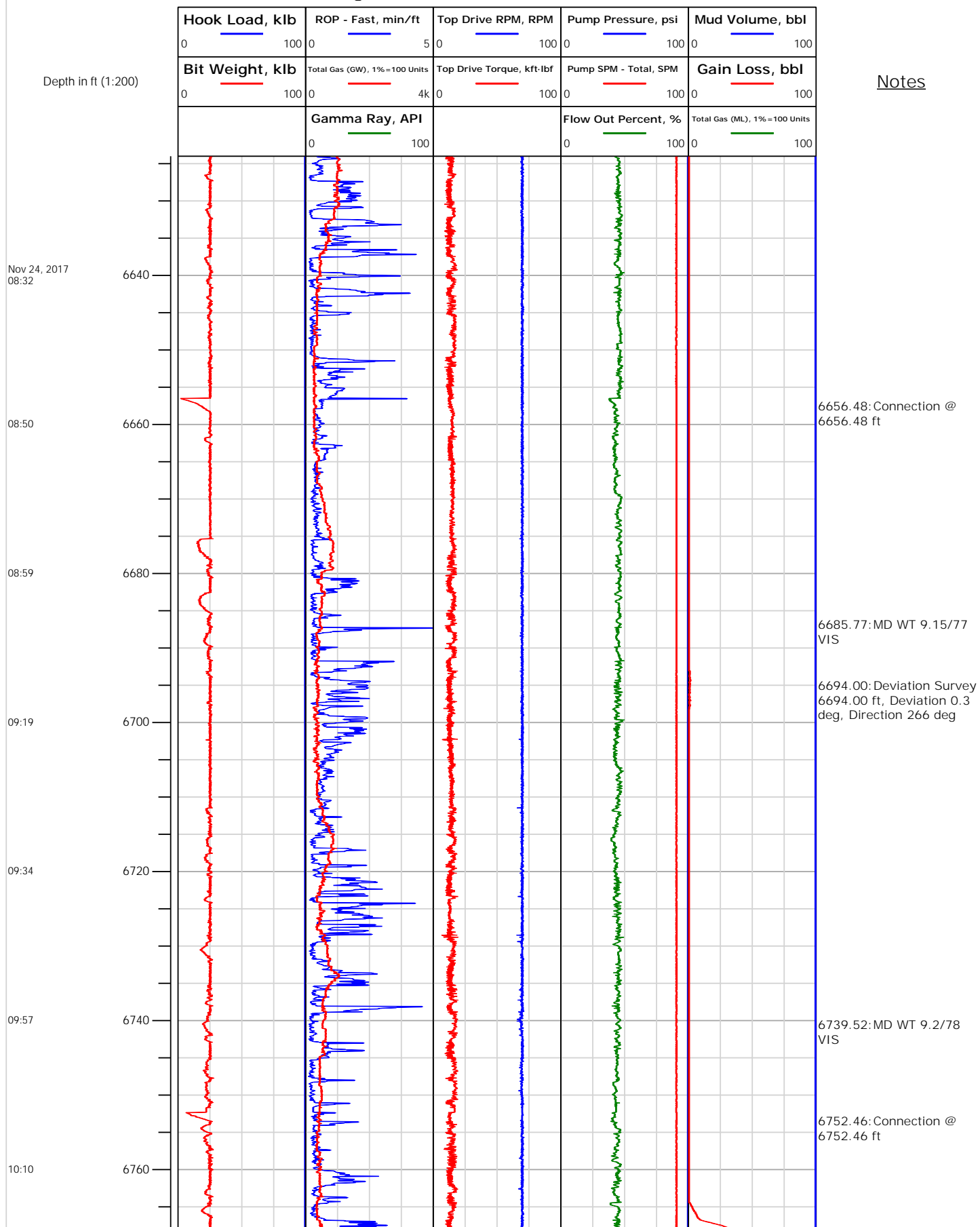
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Rig: 290

Location:

Notes





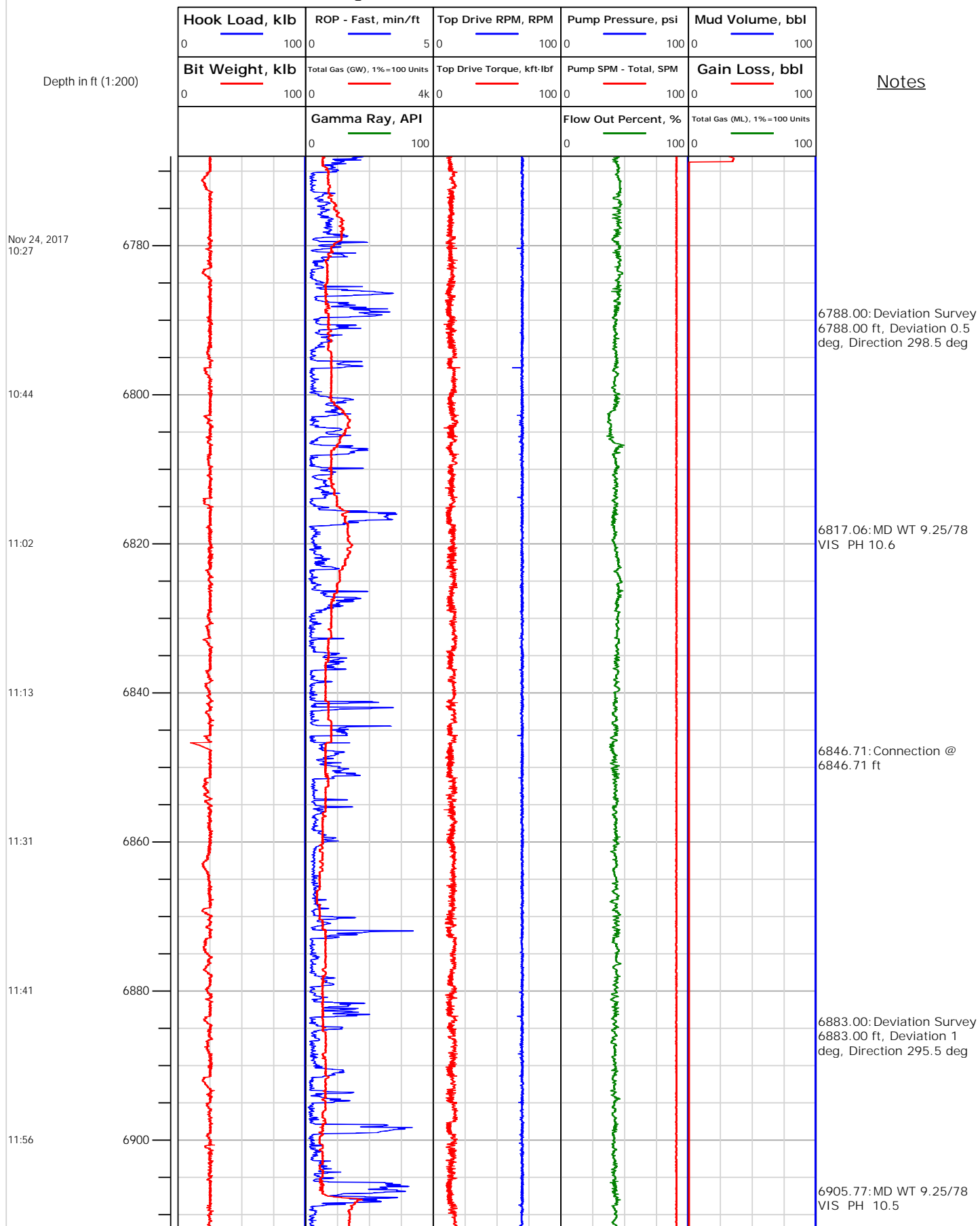
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Rig: 290

Location:

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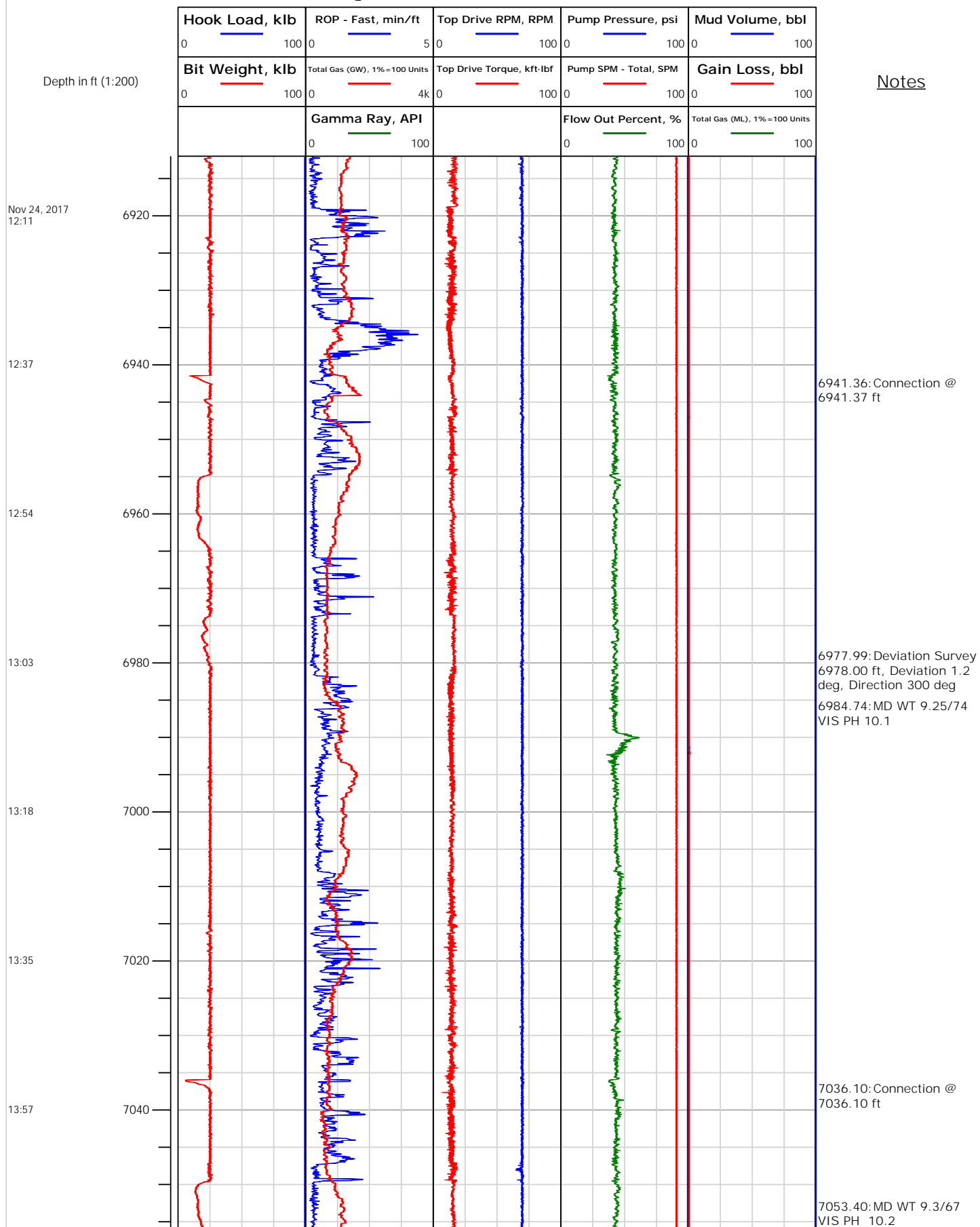
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Rig: 290

Location:

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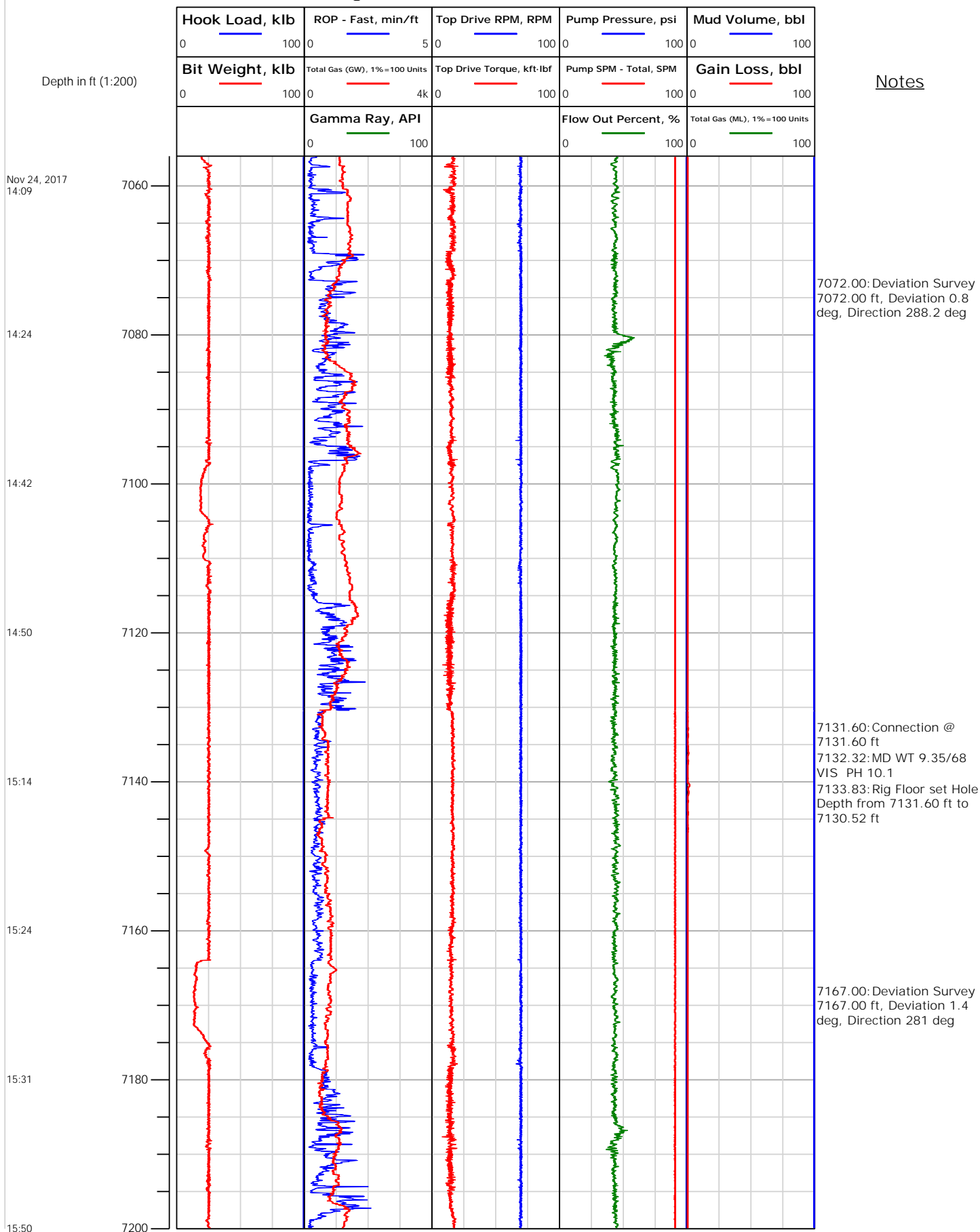


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Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-09E
Rig: 290

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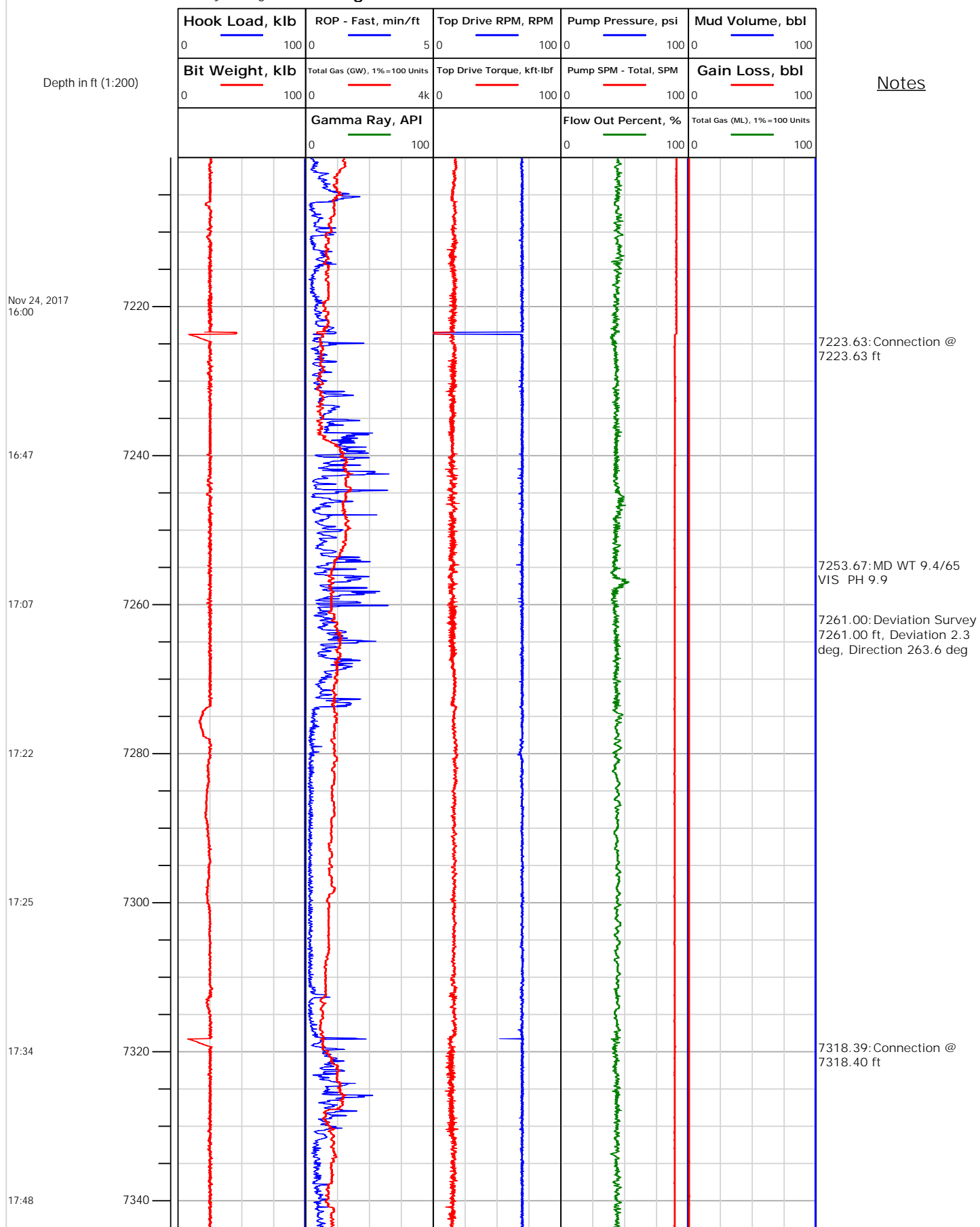
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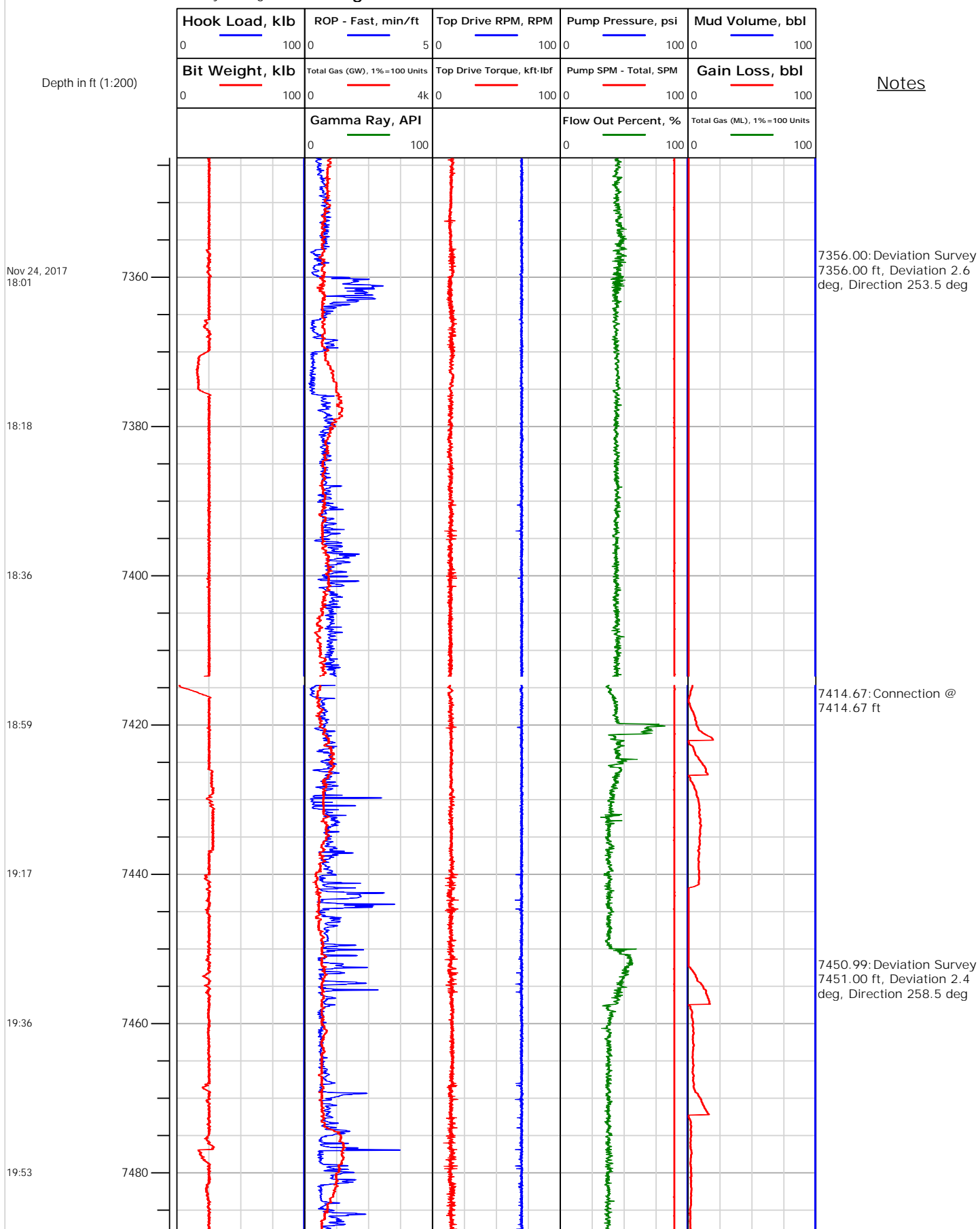
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Rig: 290

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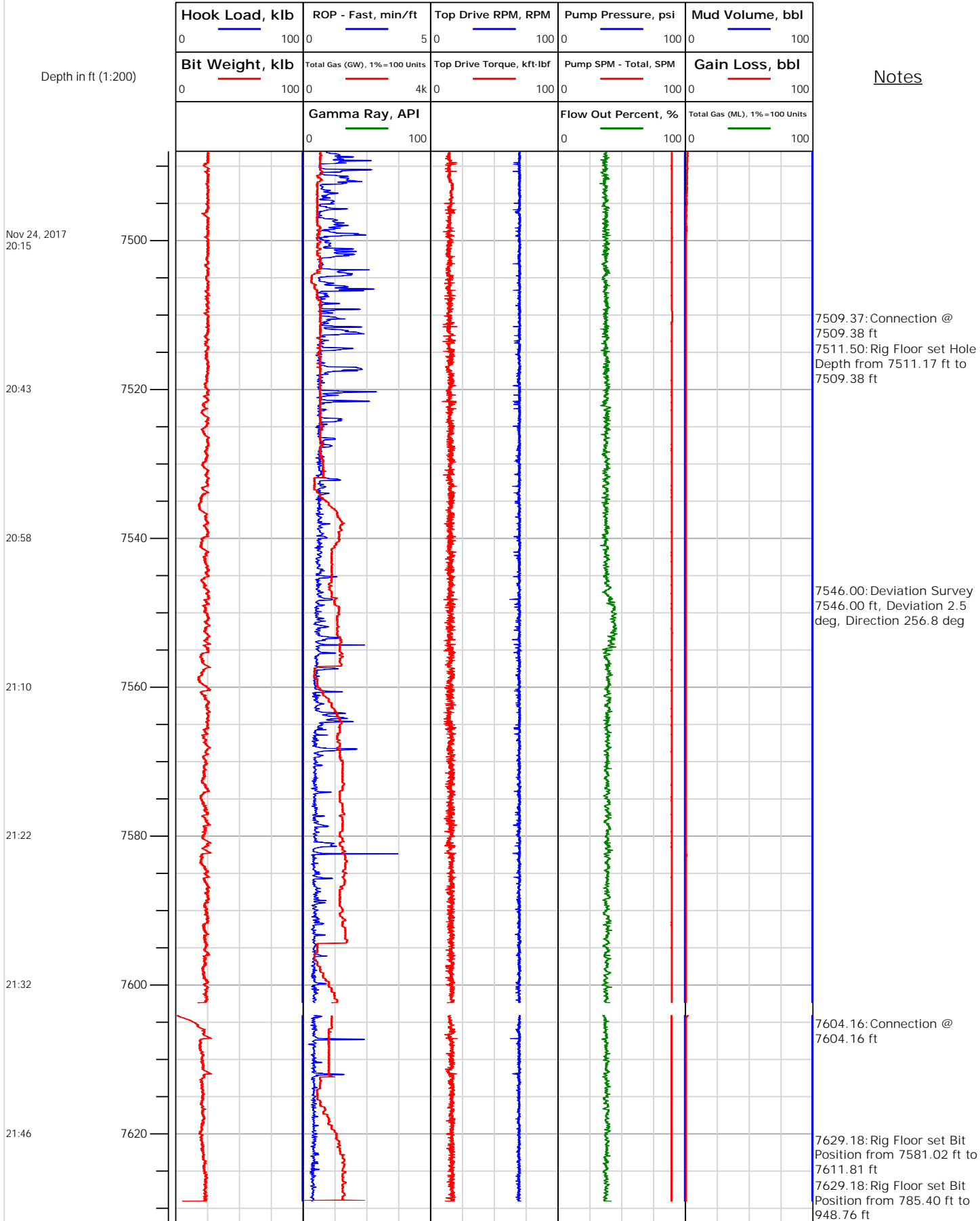
Electronic Drilling Recorder

Operator: Laramie Energy
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Well Name: Nichols 24-09E
Rig: 290

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Nichols 24-09E
Rig: 290

Location:

Notes

Depth in ft (1:200)

7640

Hook Load, klb	ROP - Fast, min/ft	Top Drive RPM, RPM	Pump Pressure, psi	Mud Volume, bbl
0 100	0 5	0 100	0 100	0 100
Bit Weight, klb	Total Gas (GW), 1%=100 Units	Top Drive Torque, kft-lbf	Pump SPM - Total, SPM	Gain Loss, bbl
0 100	0 4k	0 100	0 100	0 100
	Gamma Ray, API		Flow Out Percent, %	Total Gas (ML), 1%=100 Units
	0 100		0 100	0 100