

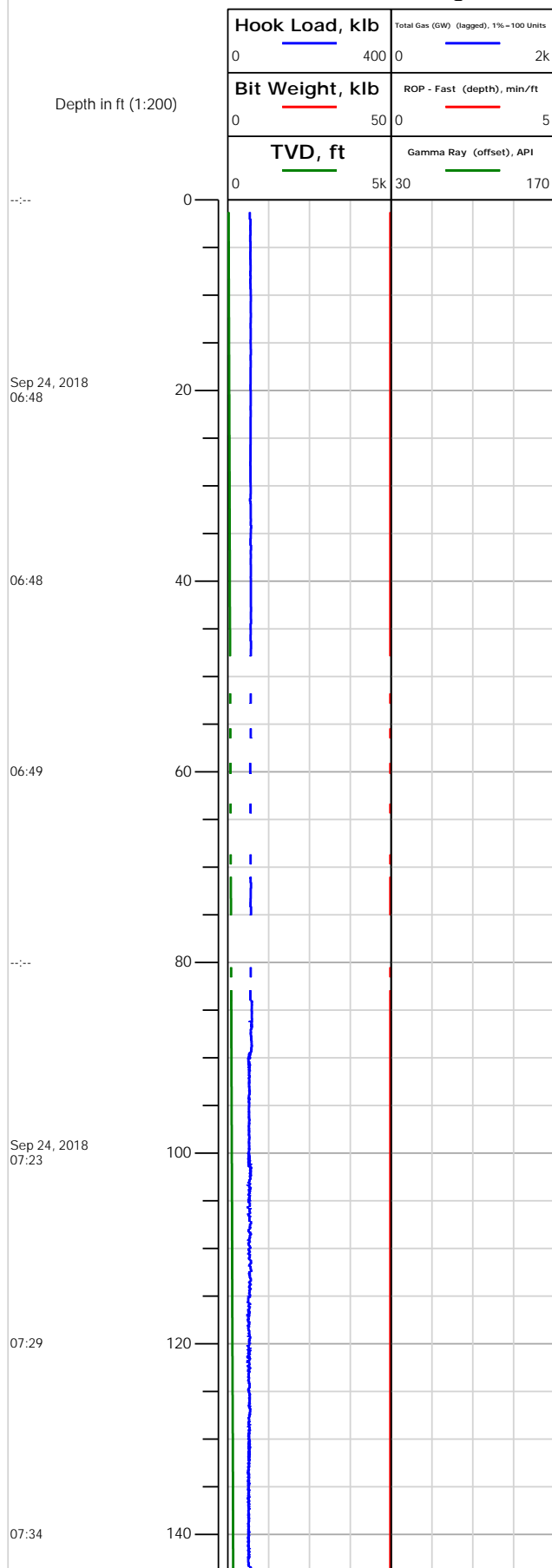


Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BCU 0993-21-06W
Rig: 522

Location:





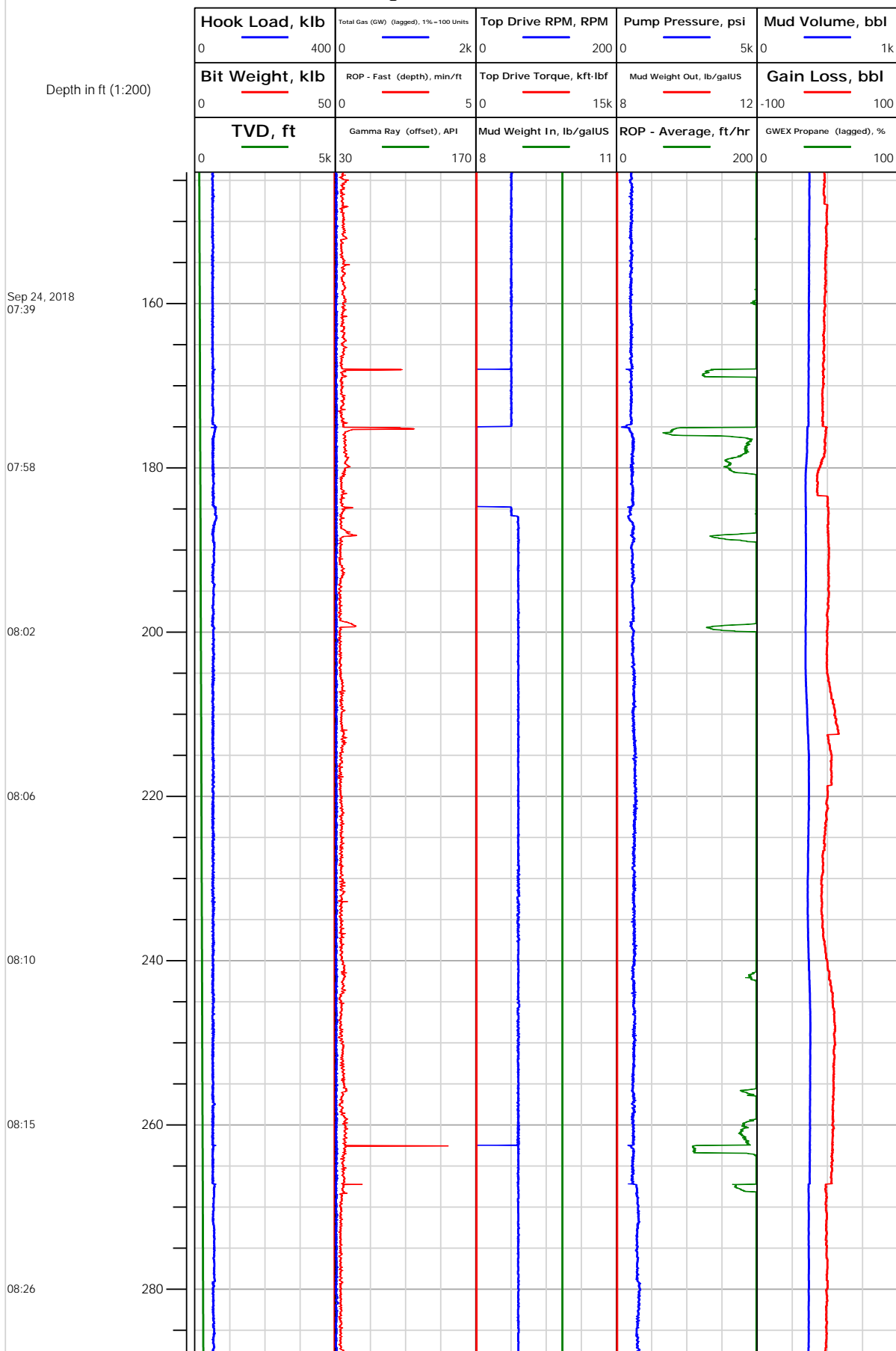
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes





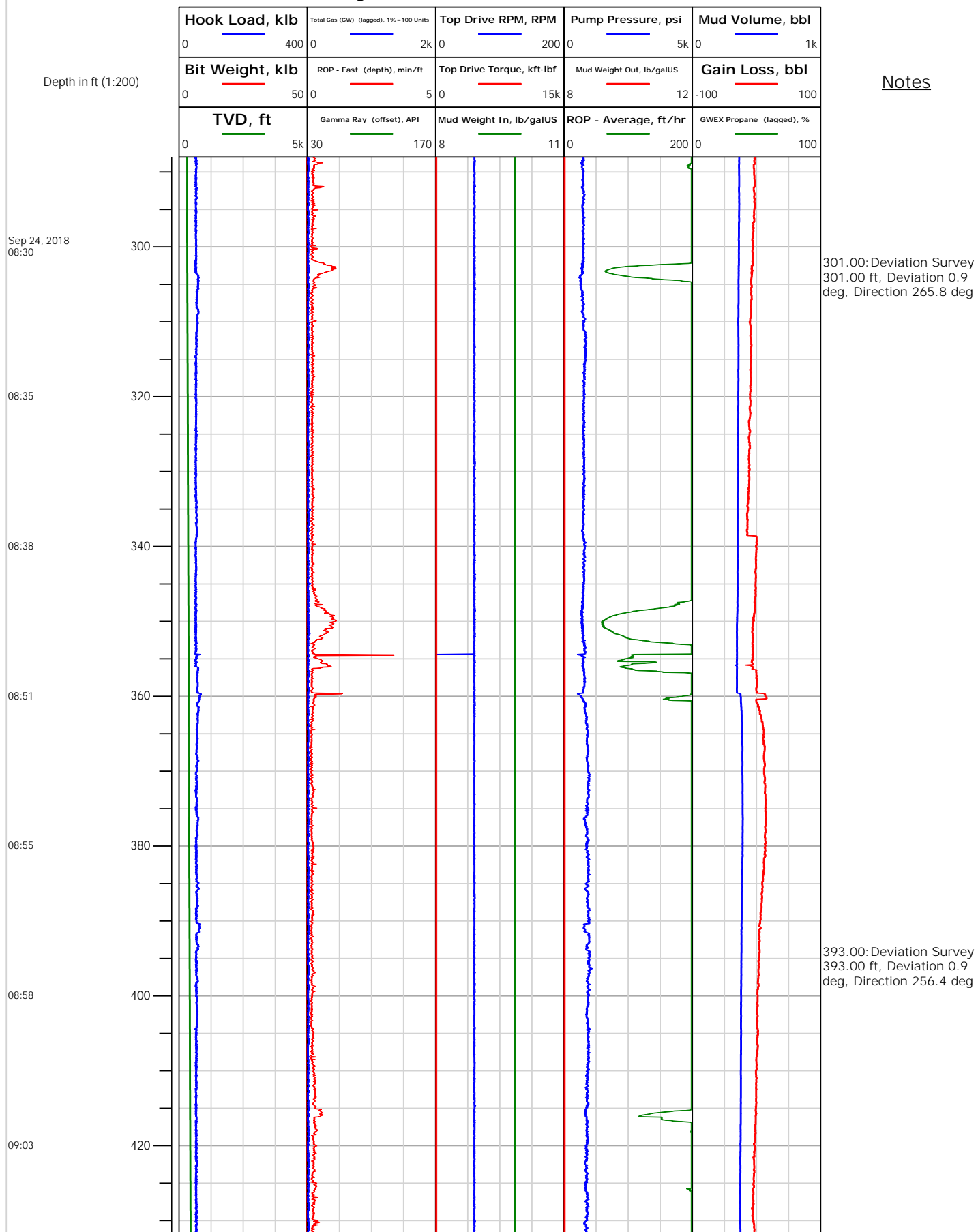
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes





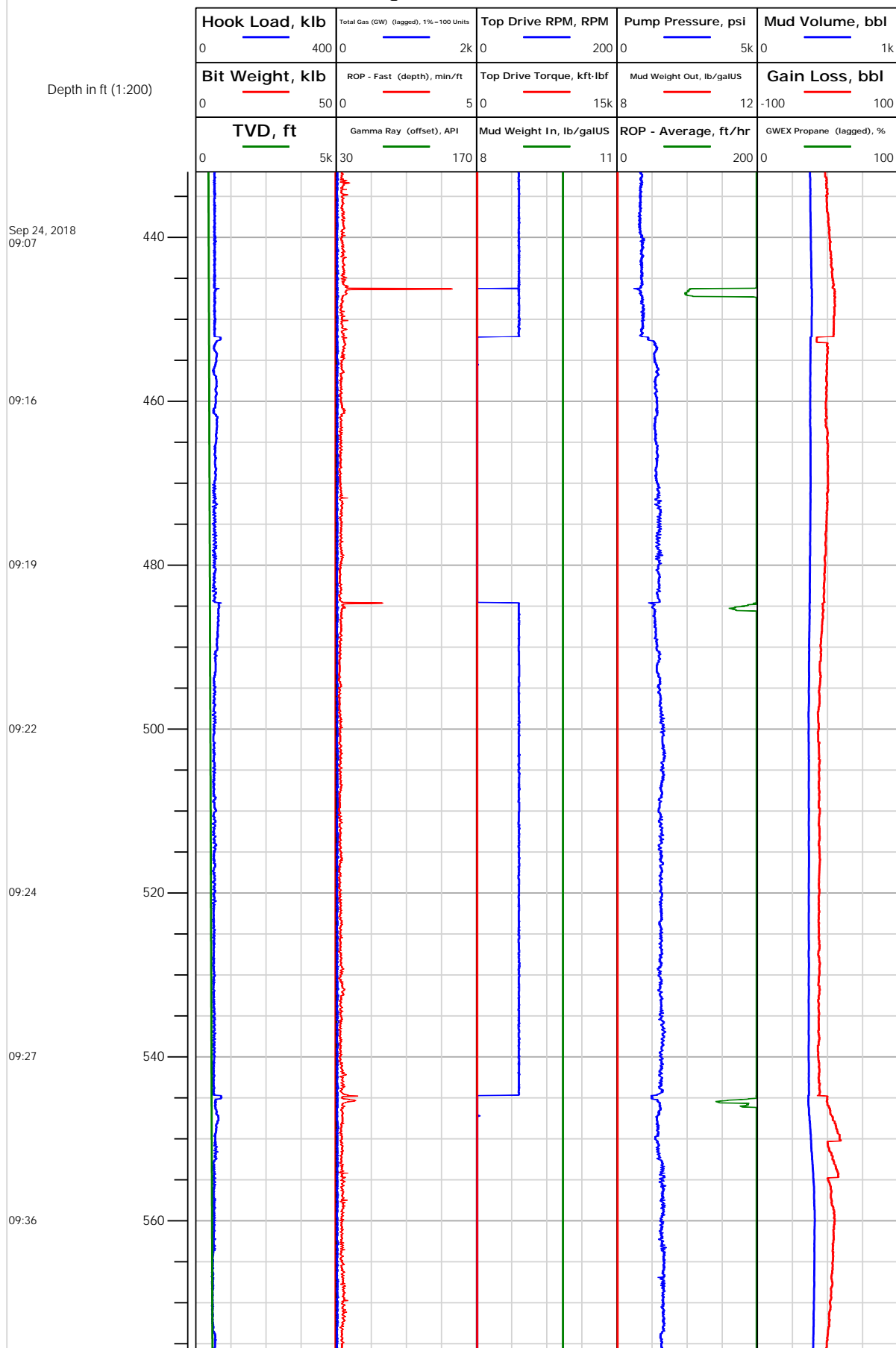
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Contractor: Helmerich & Payne Drlg Co

Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes





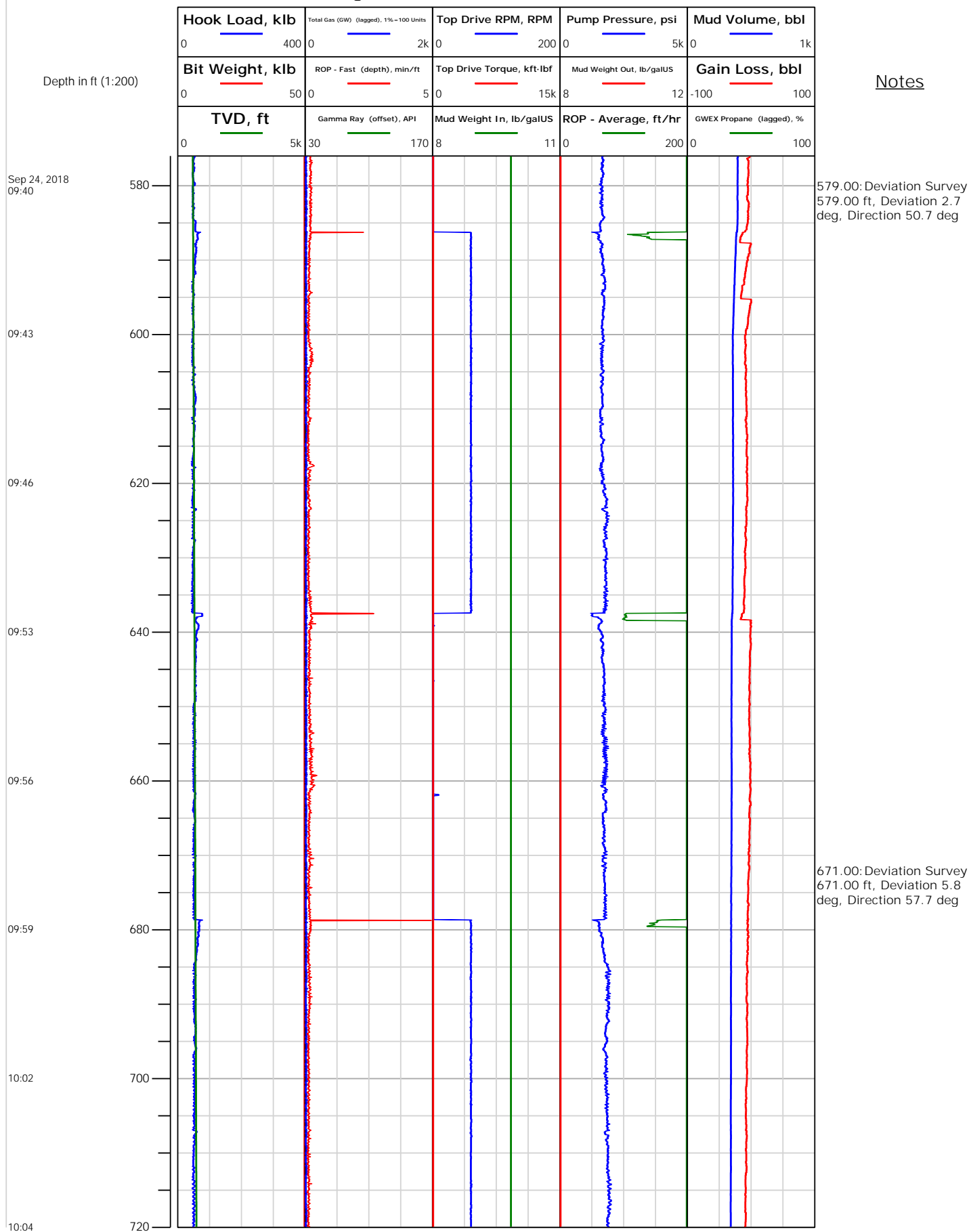
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Contractor: Helmerich & Payne Drlg Co

Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes





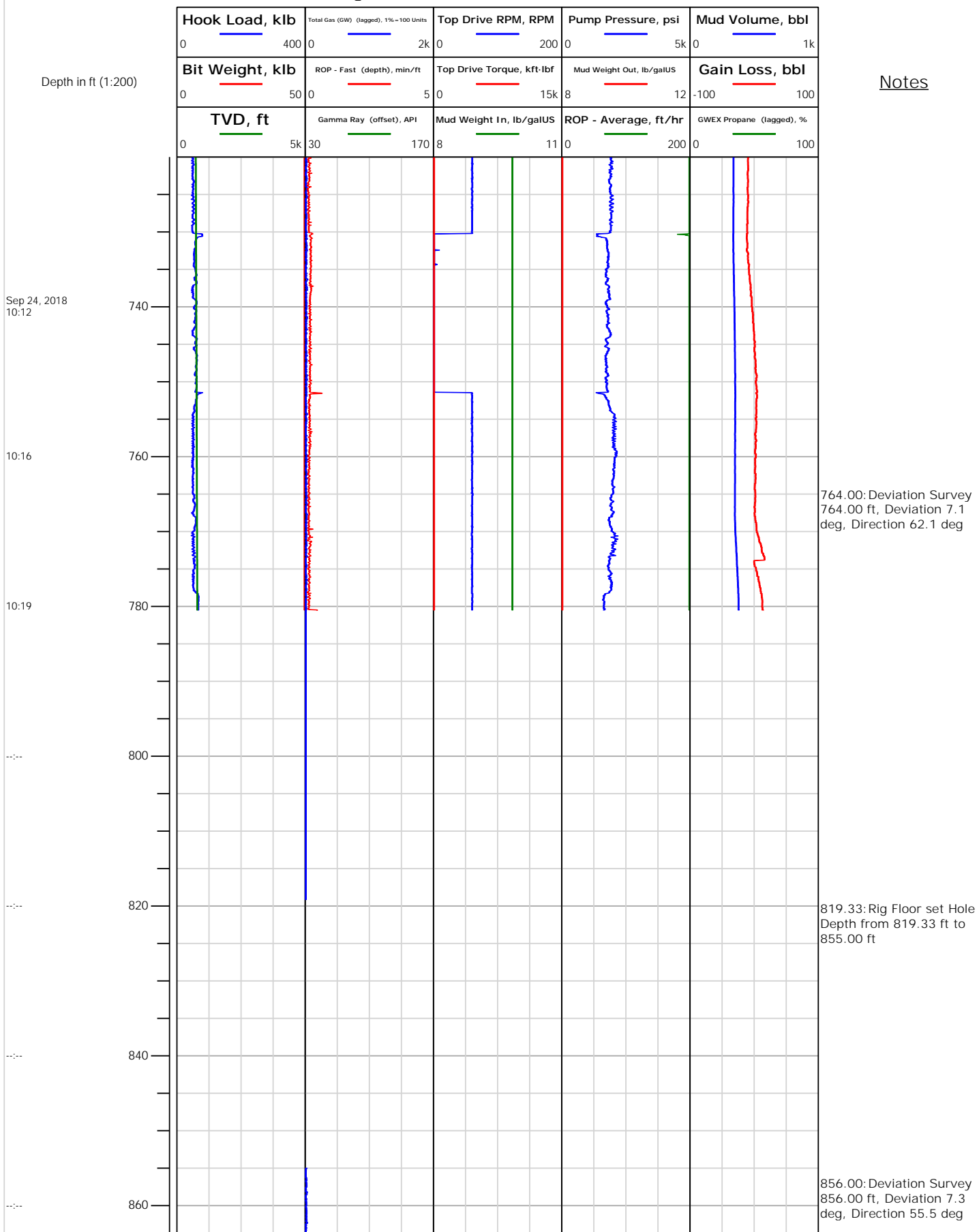
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes





Electronic Drilling Recorder

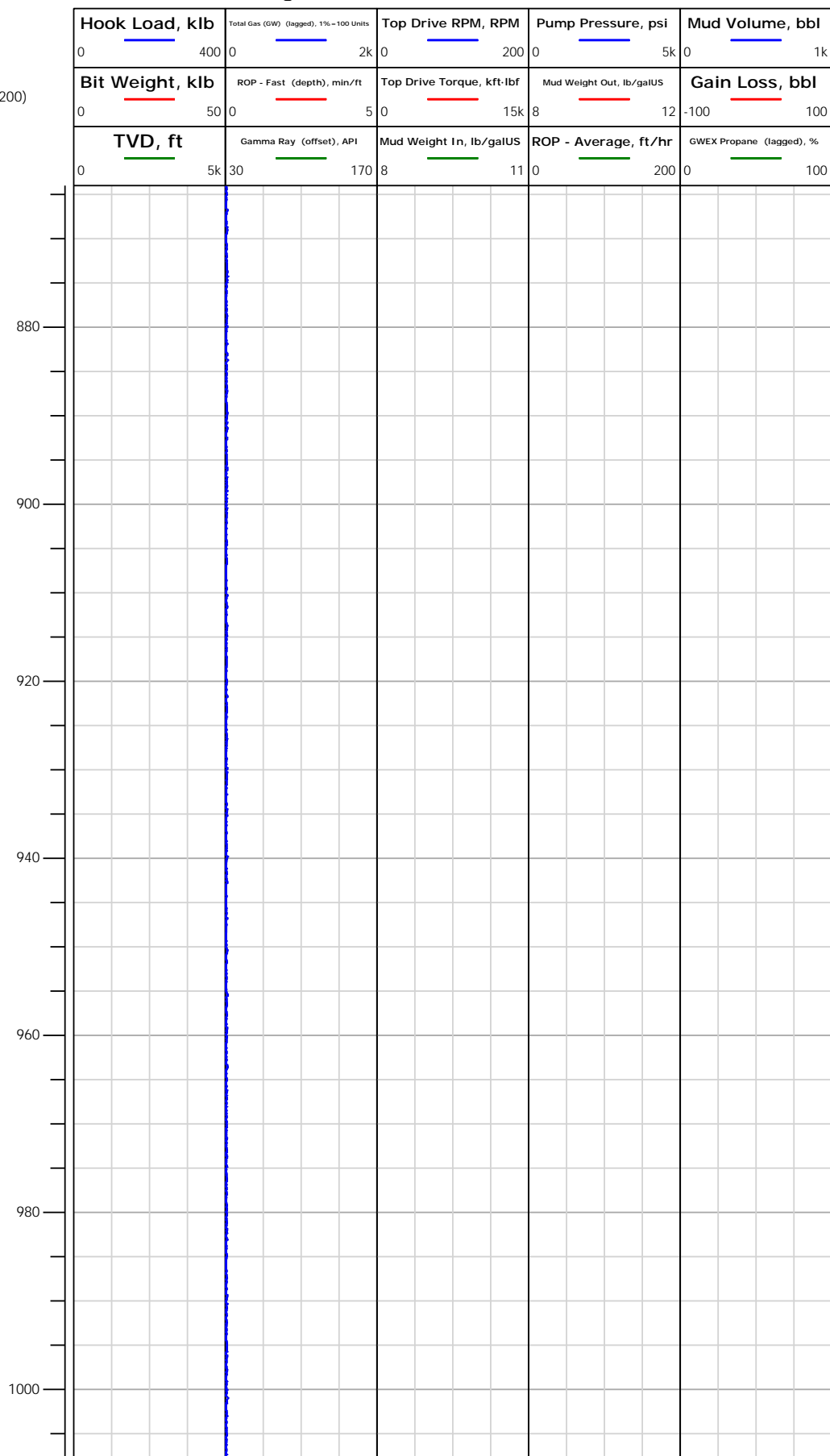
Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes

Depth in ft (1:200)



948.99: Deviation Survey
949.00 ft, Deviation 6.9
deg, Direction 54.6 deg



Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes

Depth in ft (1:200)

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 5	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
<div> <div>1020</div> <div>1040</div> <div>1060</div> <div>1080</div> <div>1100</div> <div>1120</div> <div>1140</div> </div>				

1043.00: Deviation Survey
 1043.00 ft, Deviation 8.3
 deg, Direction 55.9 deg

1138.00: Deviation Survey
 1138.00 ft, Deviation 8
 deg, Direction 58.4 deg



Electronic Drilling Recorder

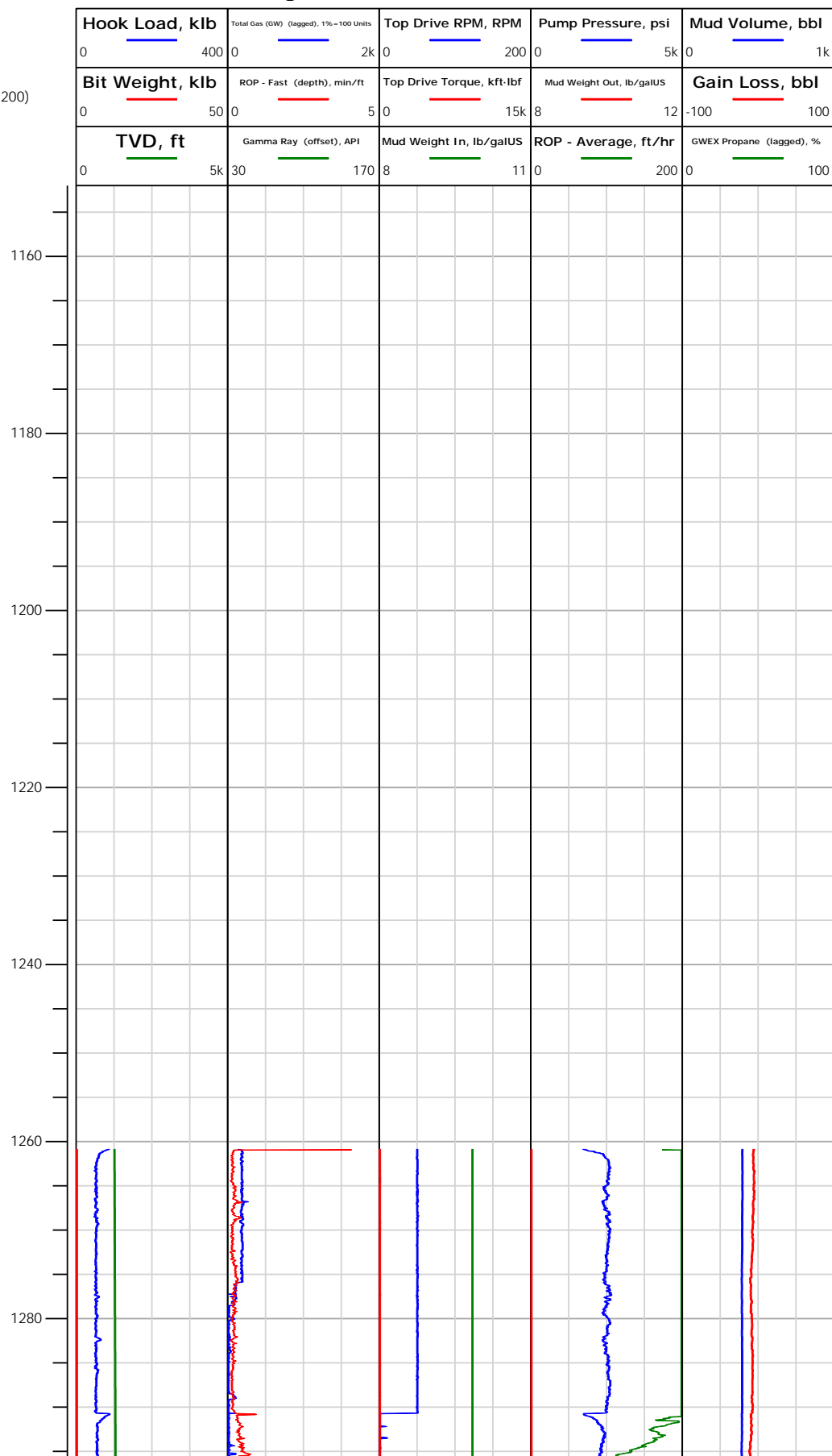
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Contractor: Helmerich & Payne Drlg Co

Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes

Depth in ft (1:200)



Sep 24, 2018
12:05



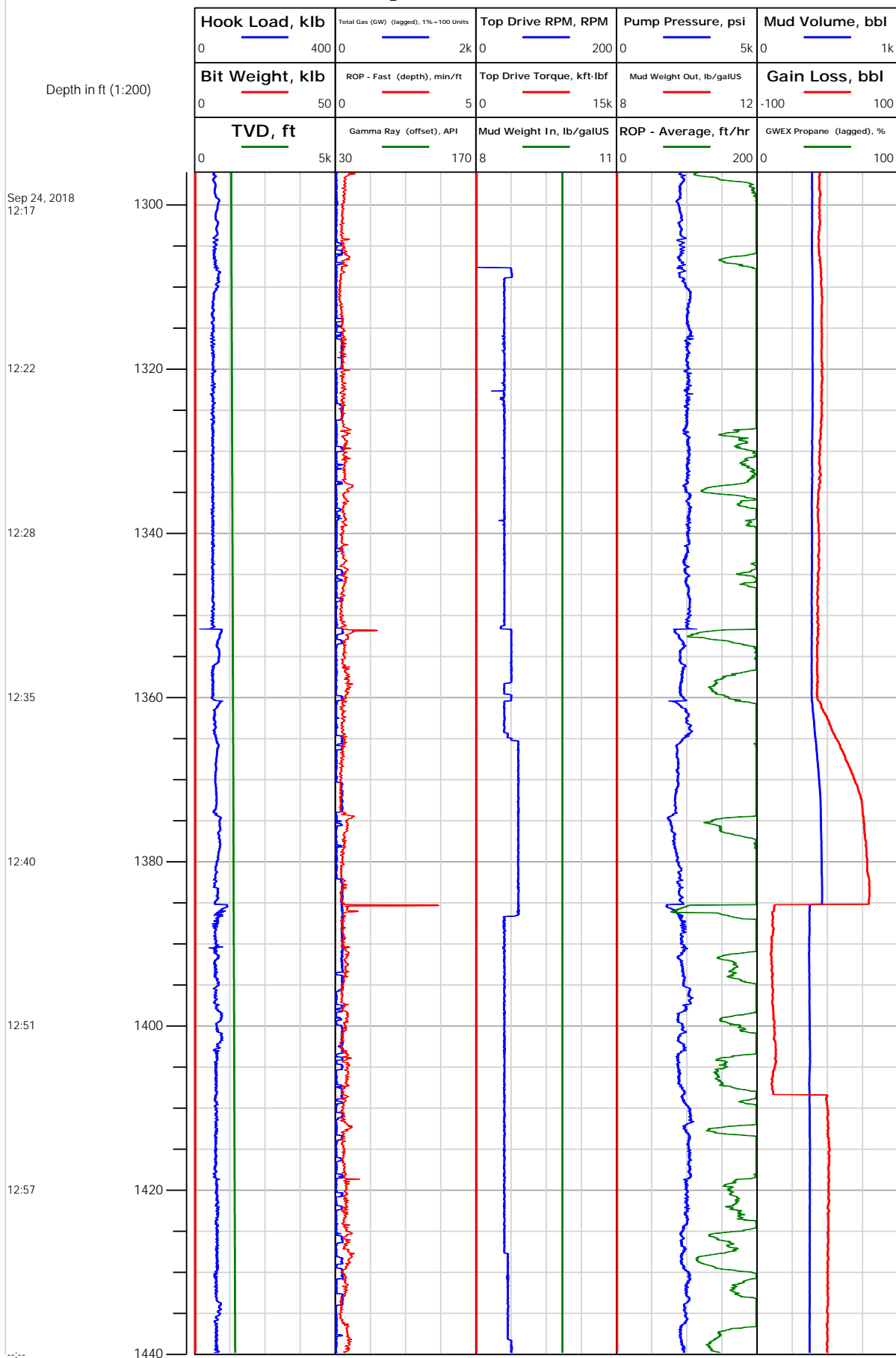
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Contractor: Helmerich & Payne Drlg Co

Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes





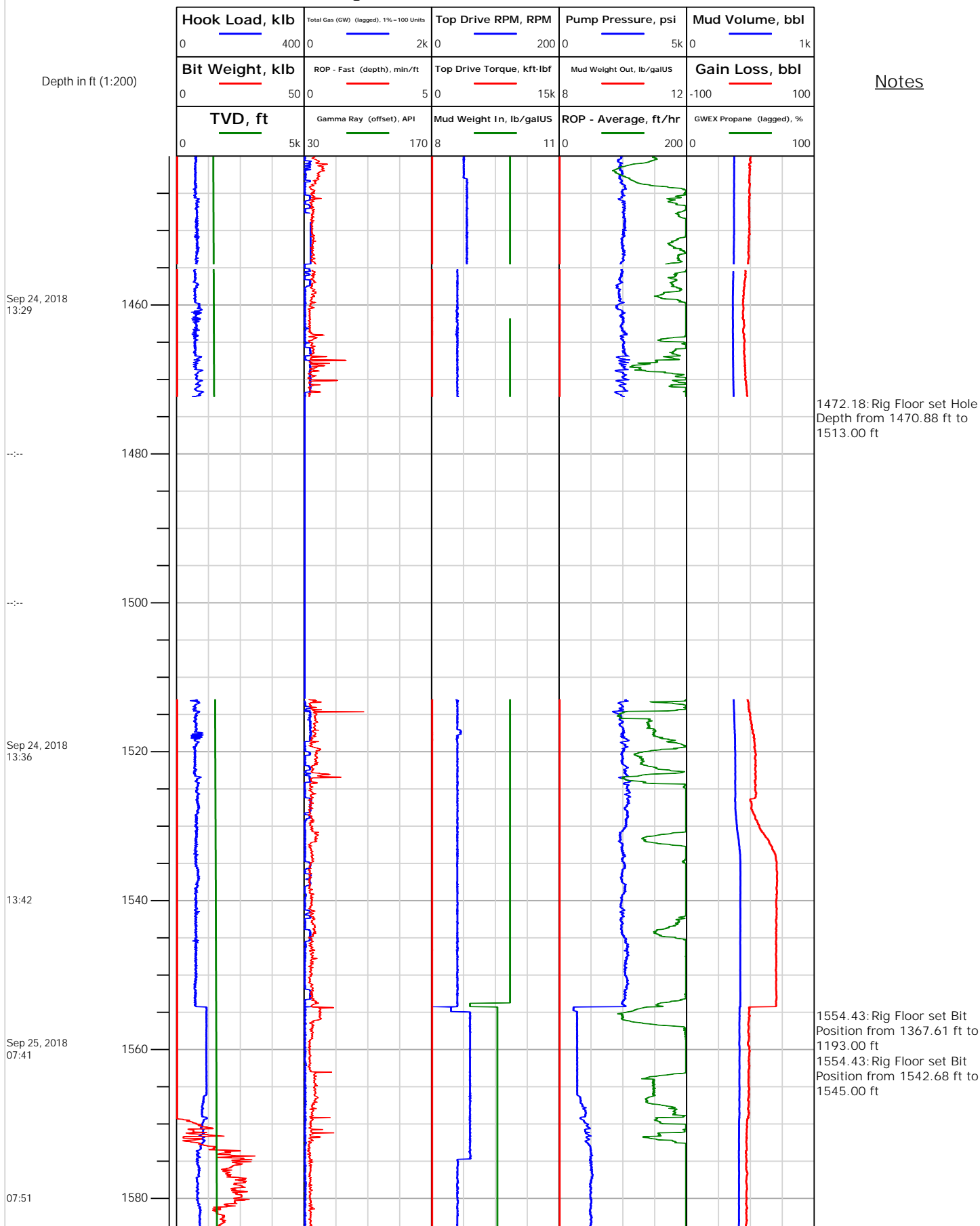
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Contractor: Helmerich & Payne Drlg Co

Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes





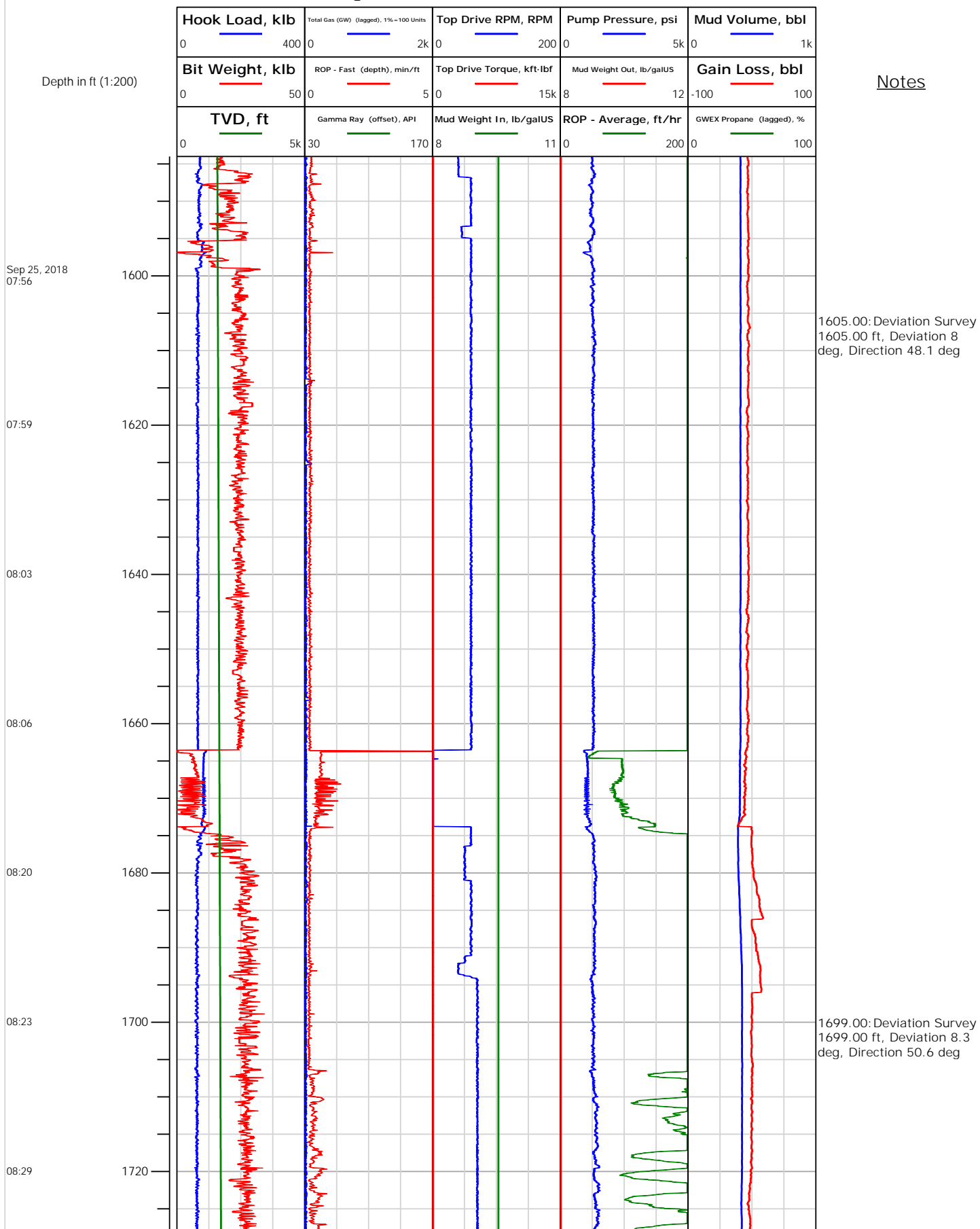
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Contractor: Helmerich & Payne Drlg Co

Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes





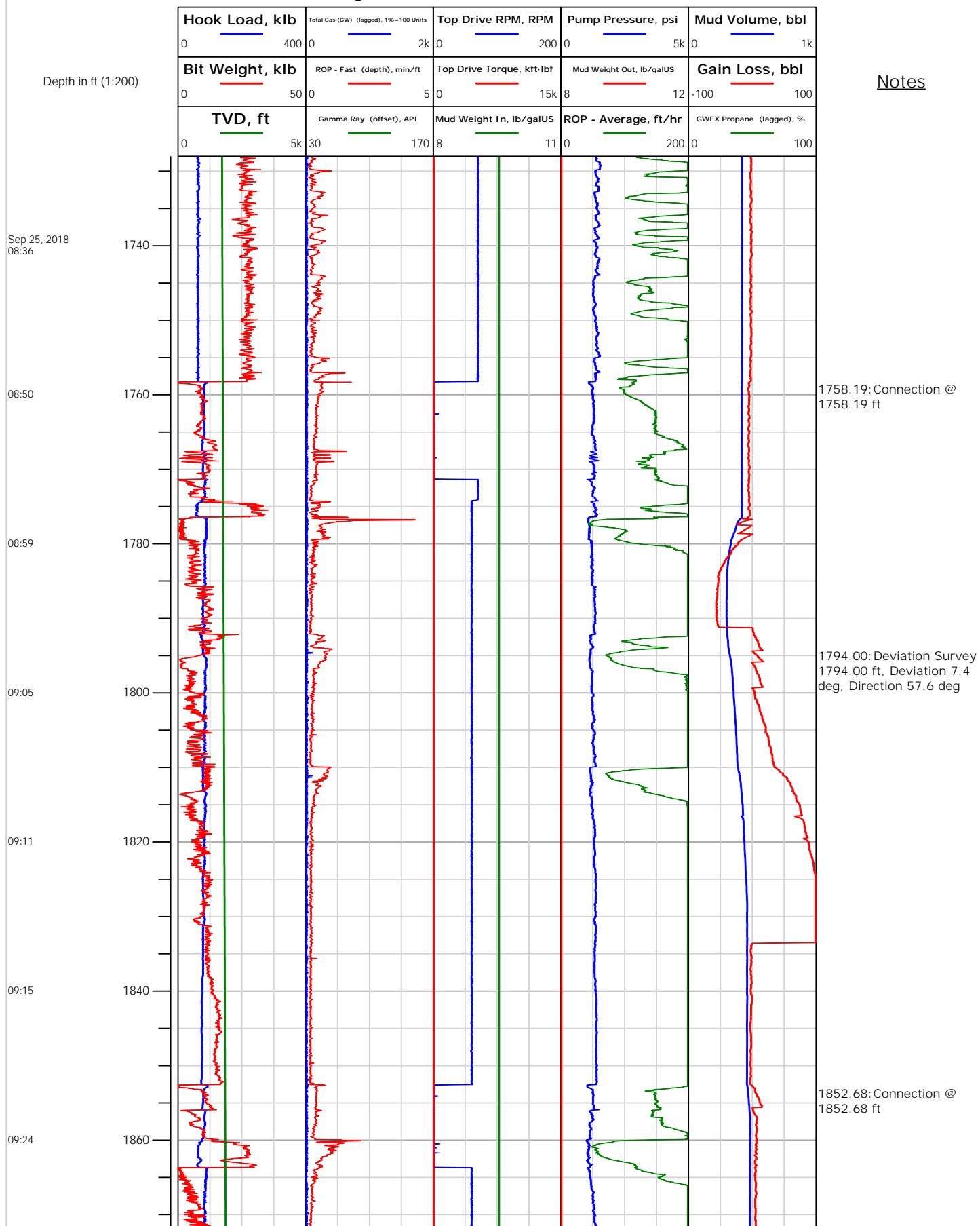
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Contractor: Helmerich & Payne Drlg Co

Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes





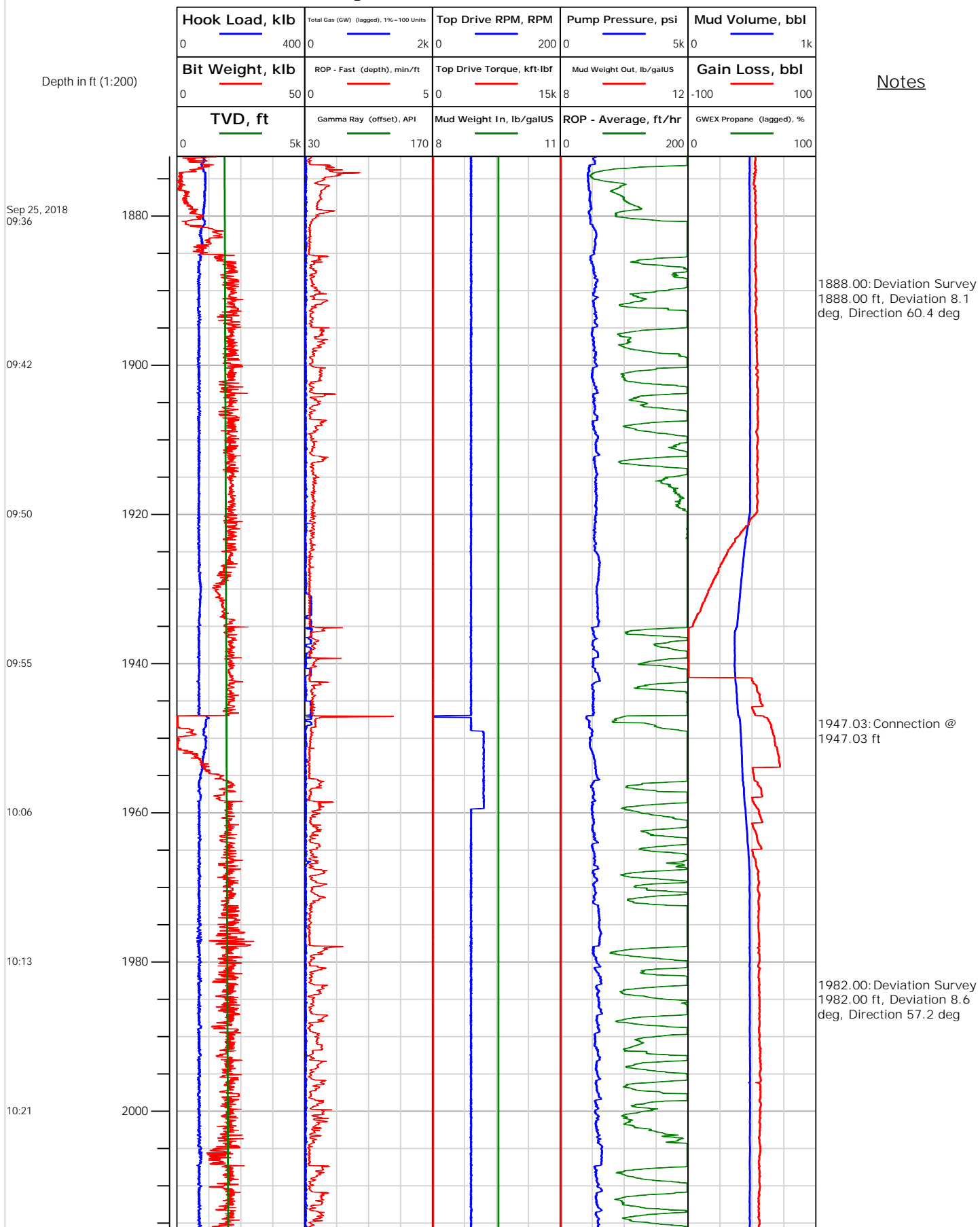
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Contractor: Helmerich & Payne Drlg Co

Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes



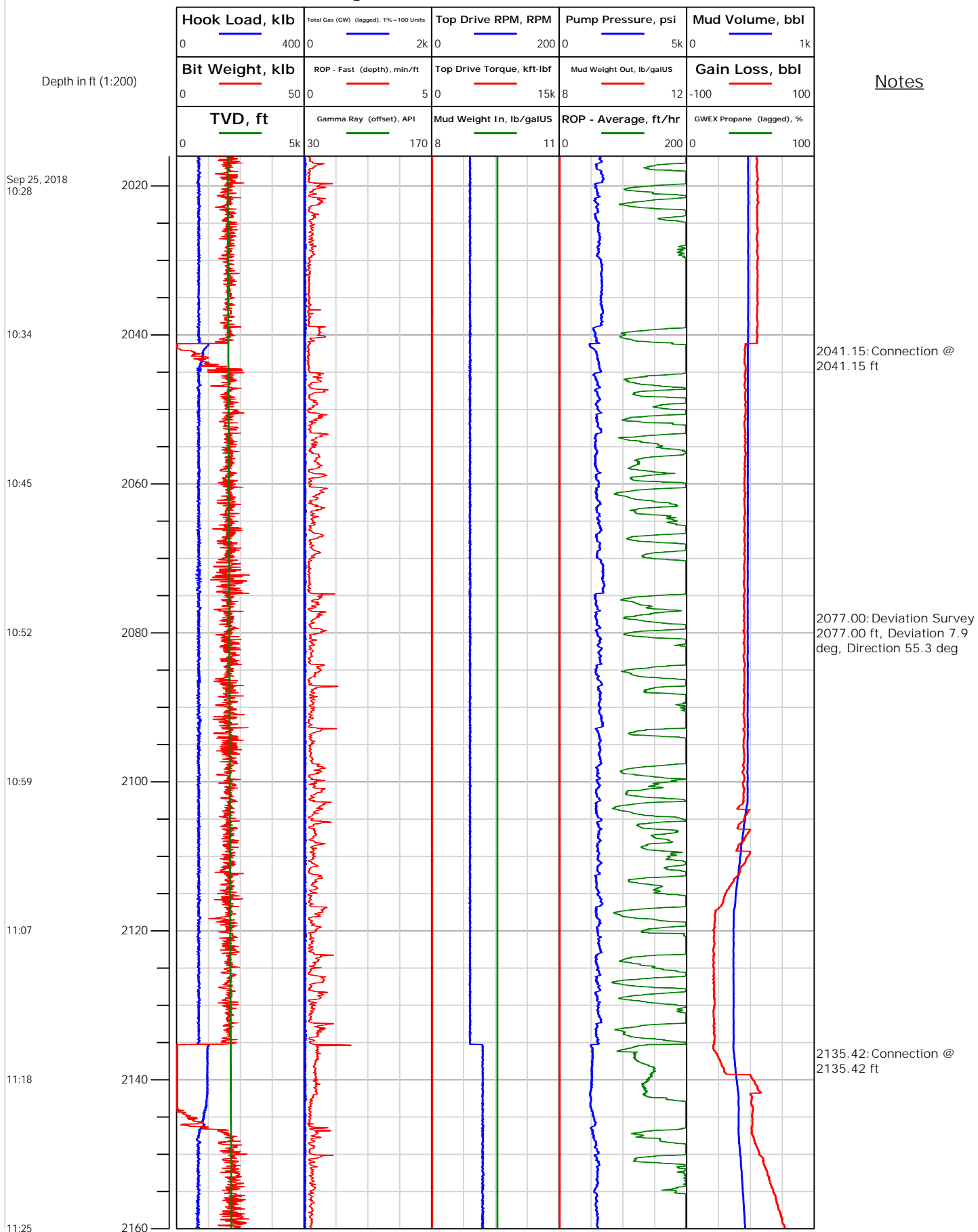


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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BCU 0993-21-06W
Rig: 522

Location:





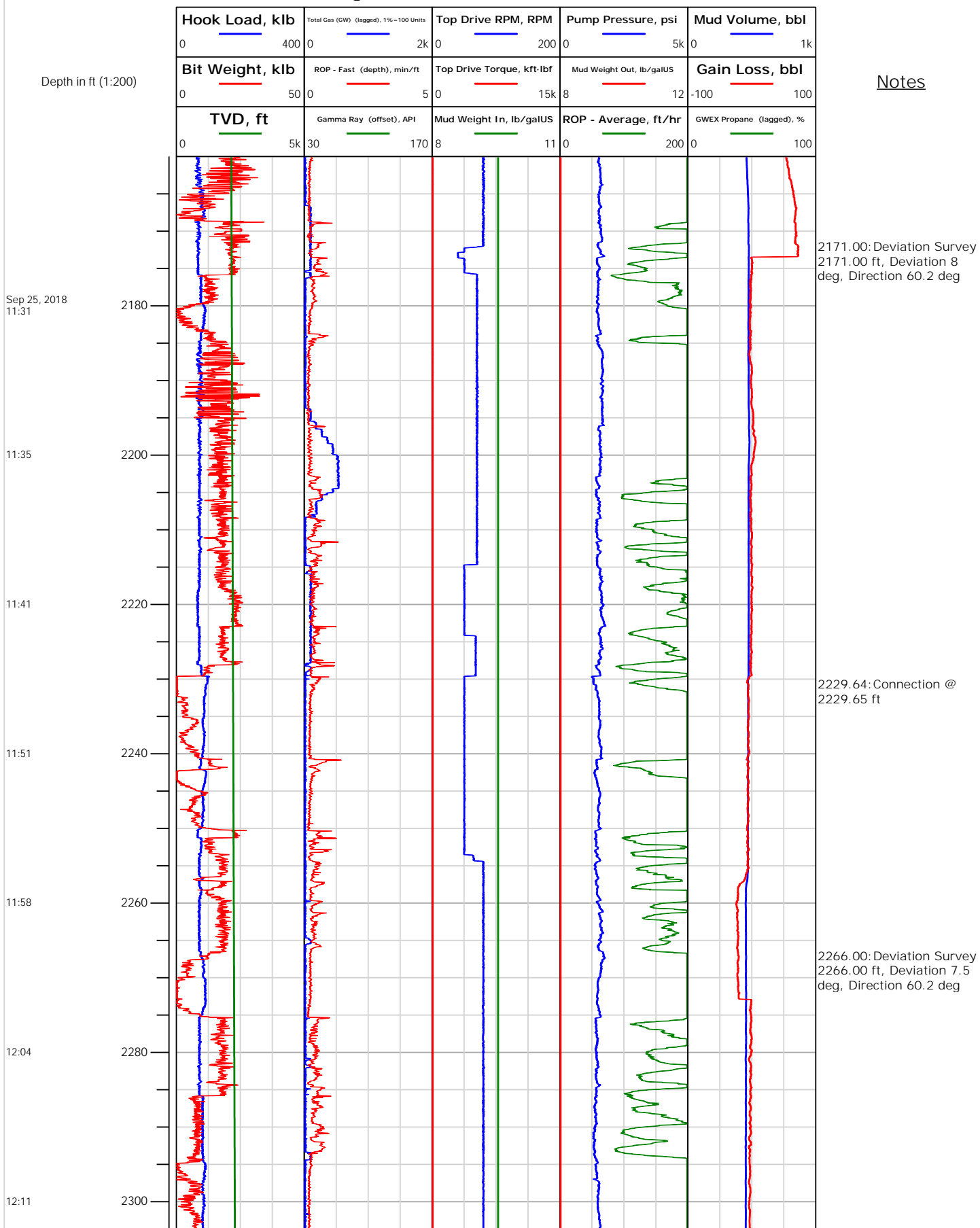
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes





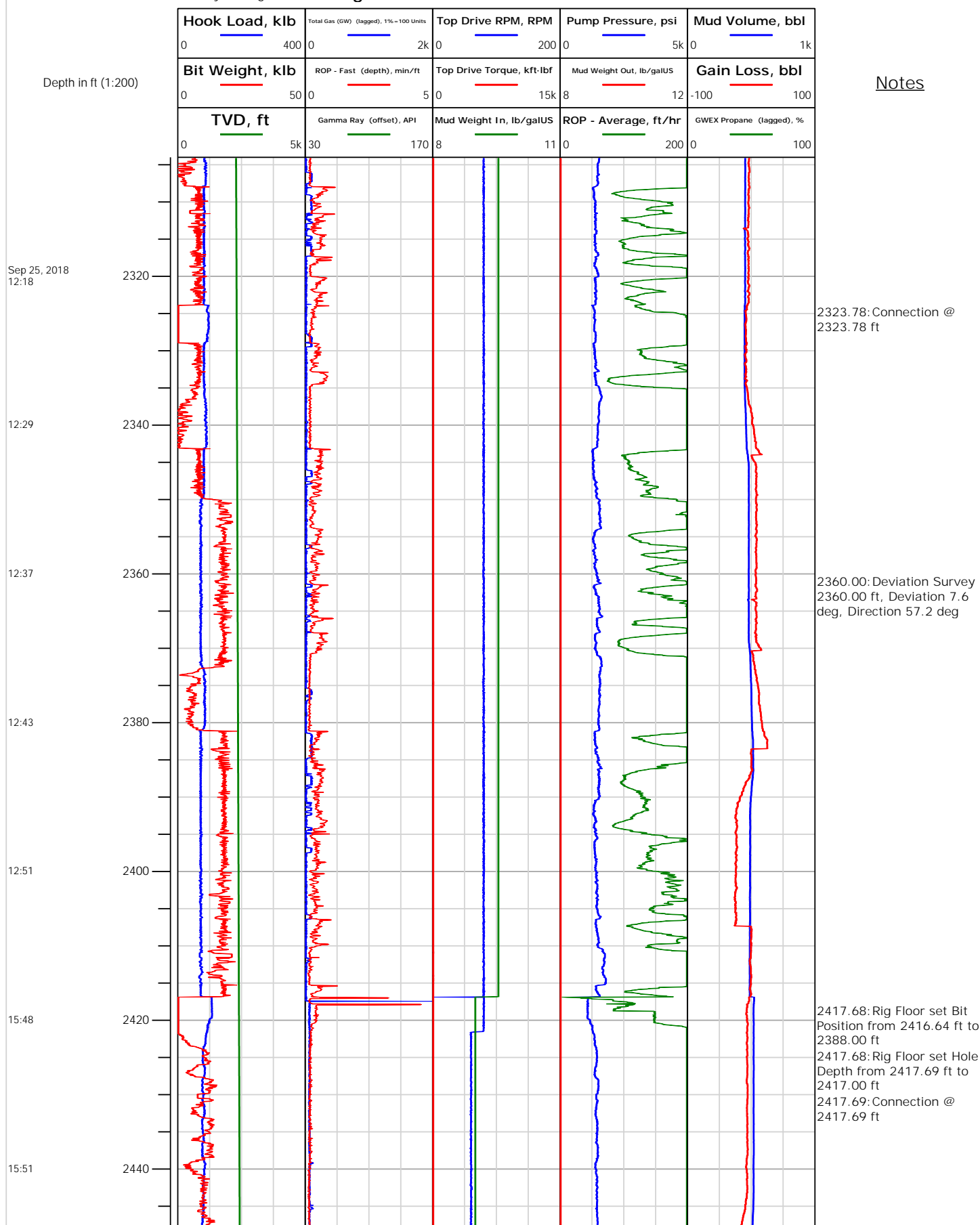
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Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes





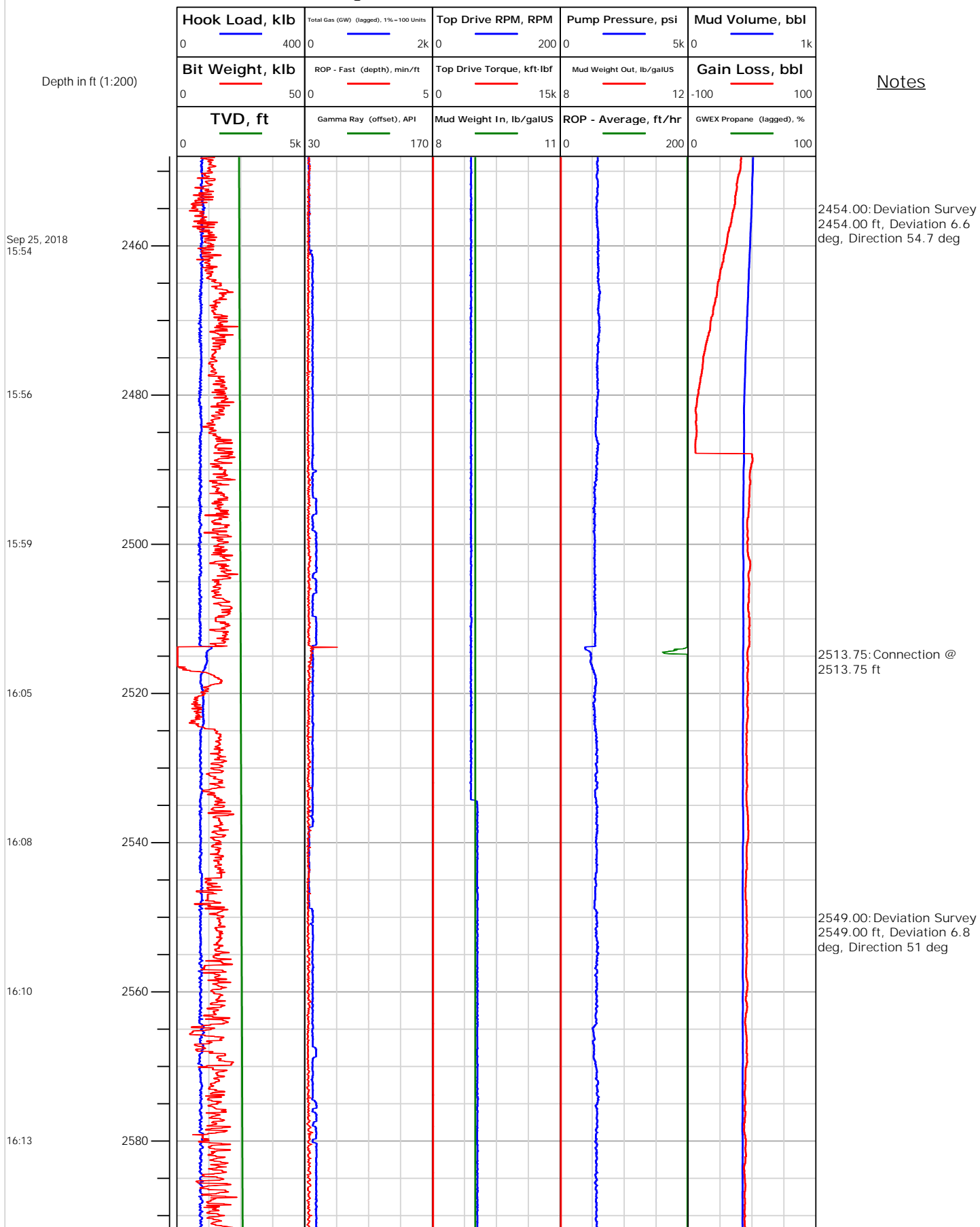
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Contractor: Helmerich & Payne Drlg Co

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Rig: 522

Location:

Notes





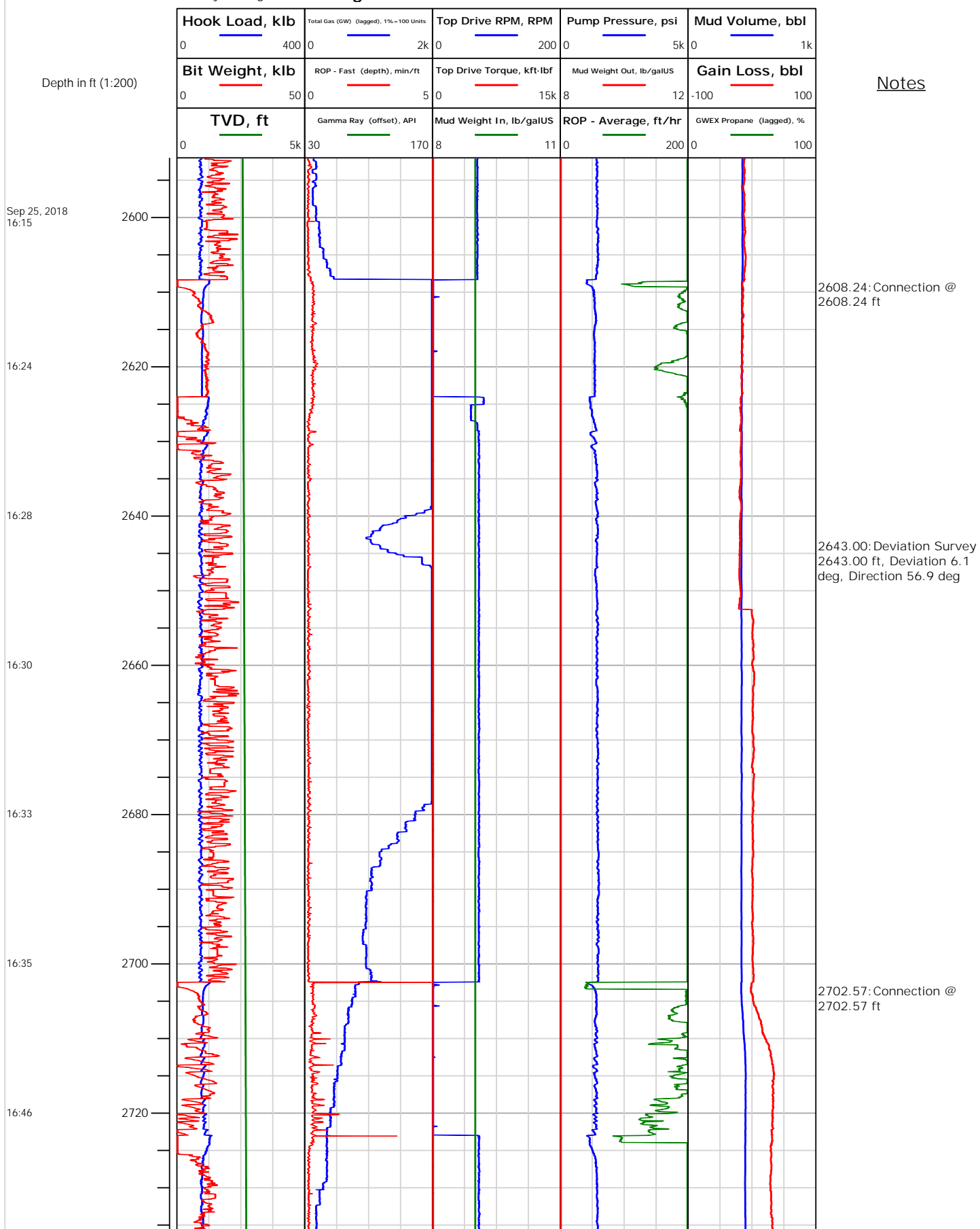
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Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes



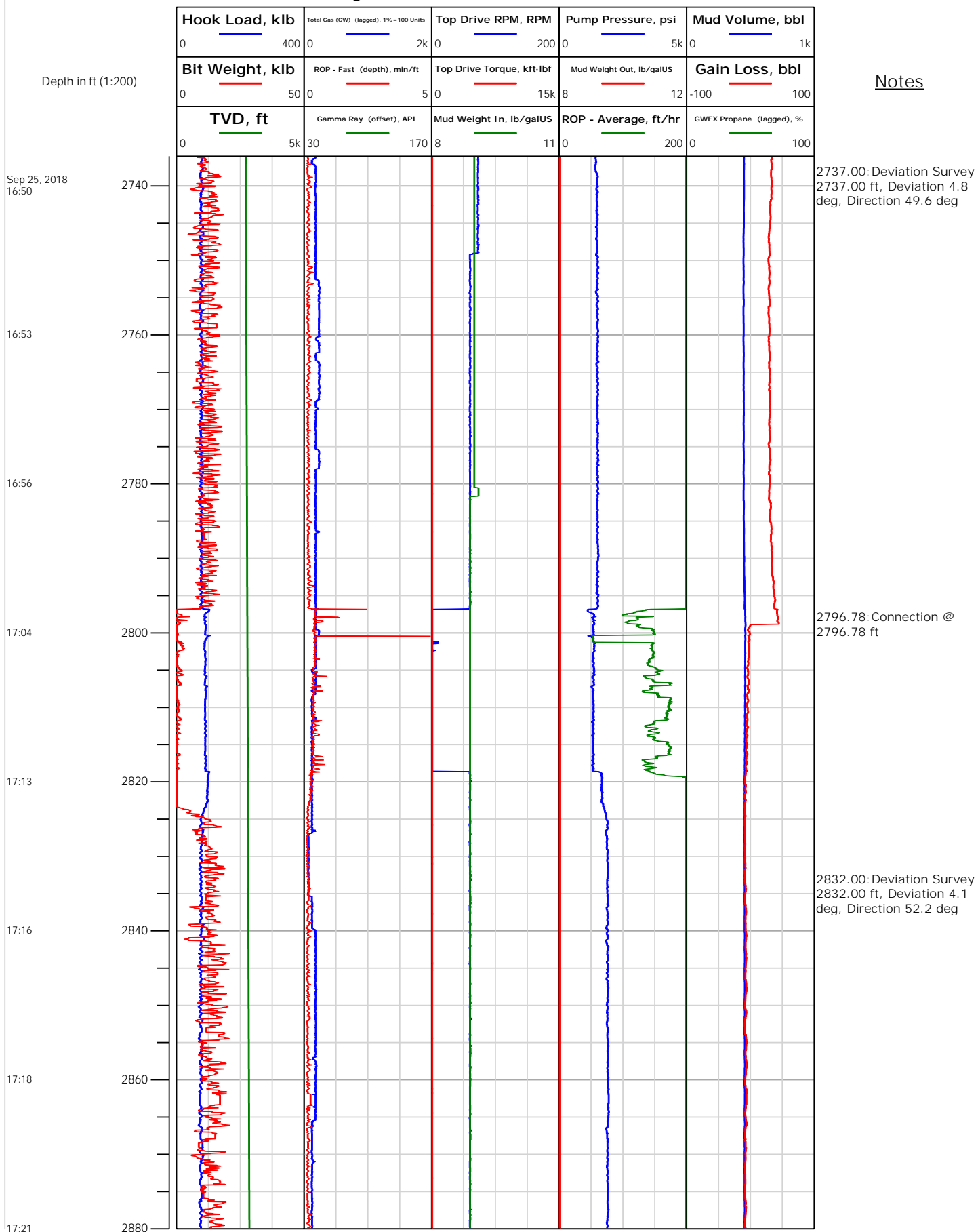


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Contractor: Helmerich & Payne Drlg Co

Well Name: BCU 0993-21-06W
Rig: 522

Location:





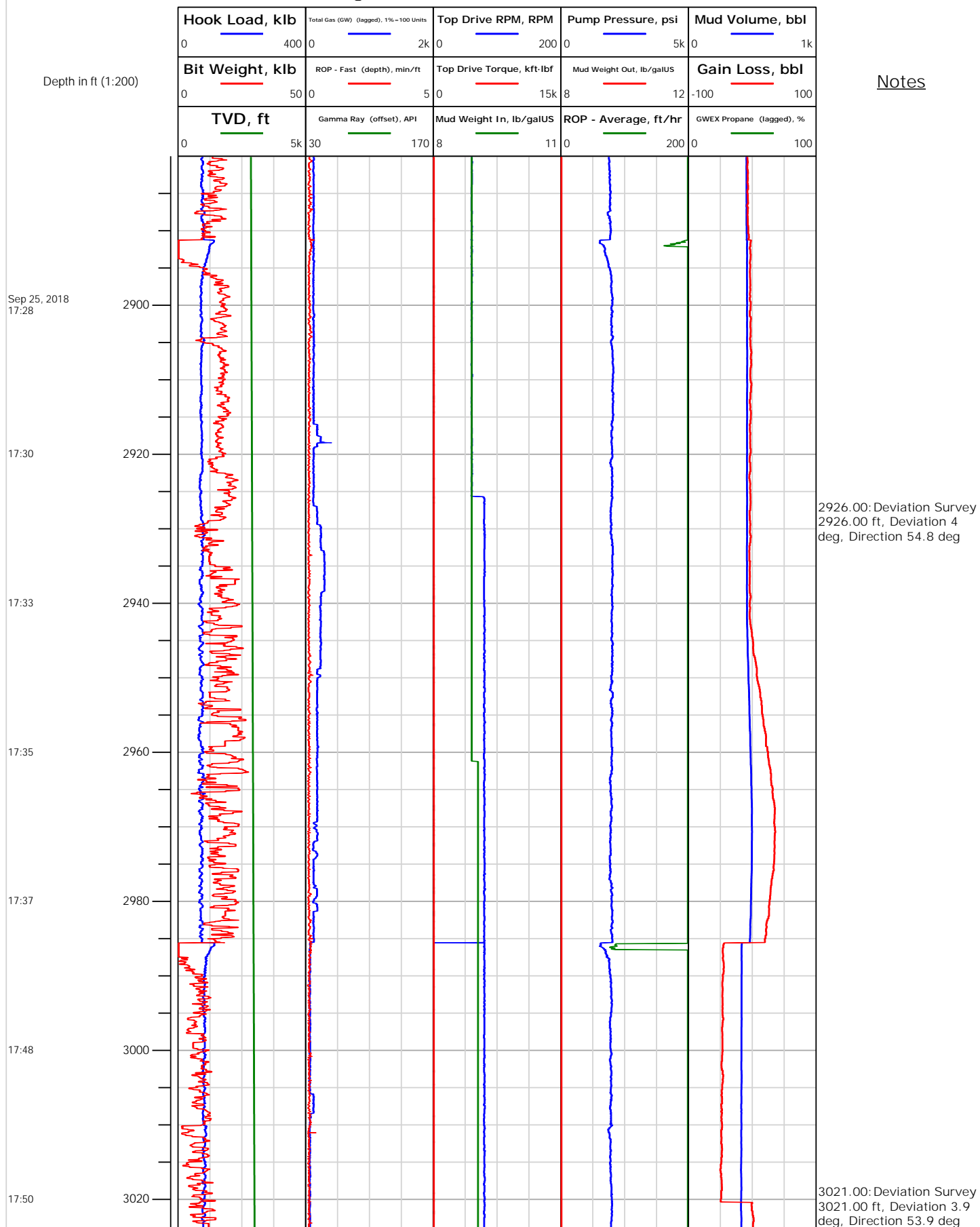
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Contractor: Helmerich & Payne Drlg Co

Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes





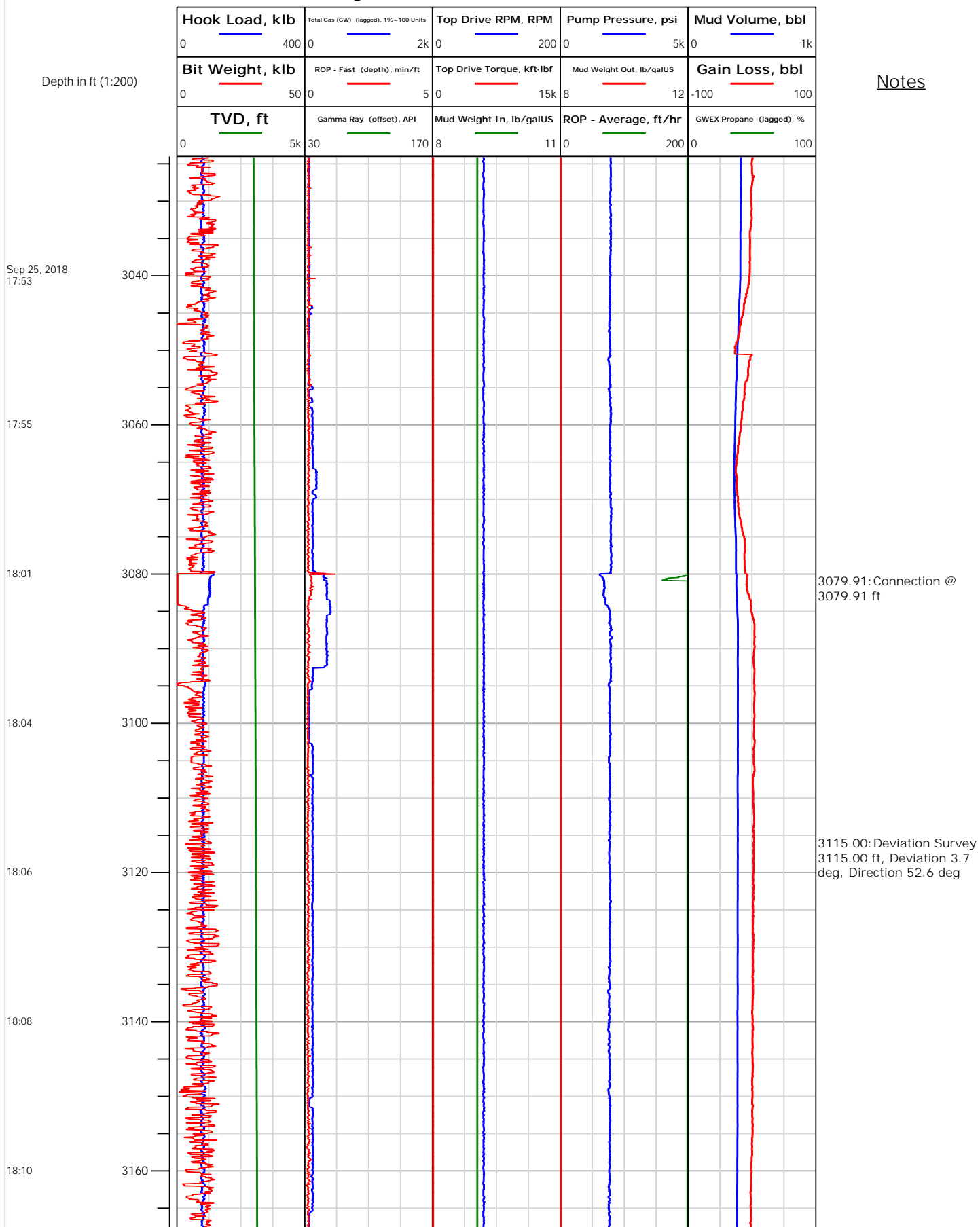
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Rig: 522

Location:

Notes





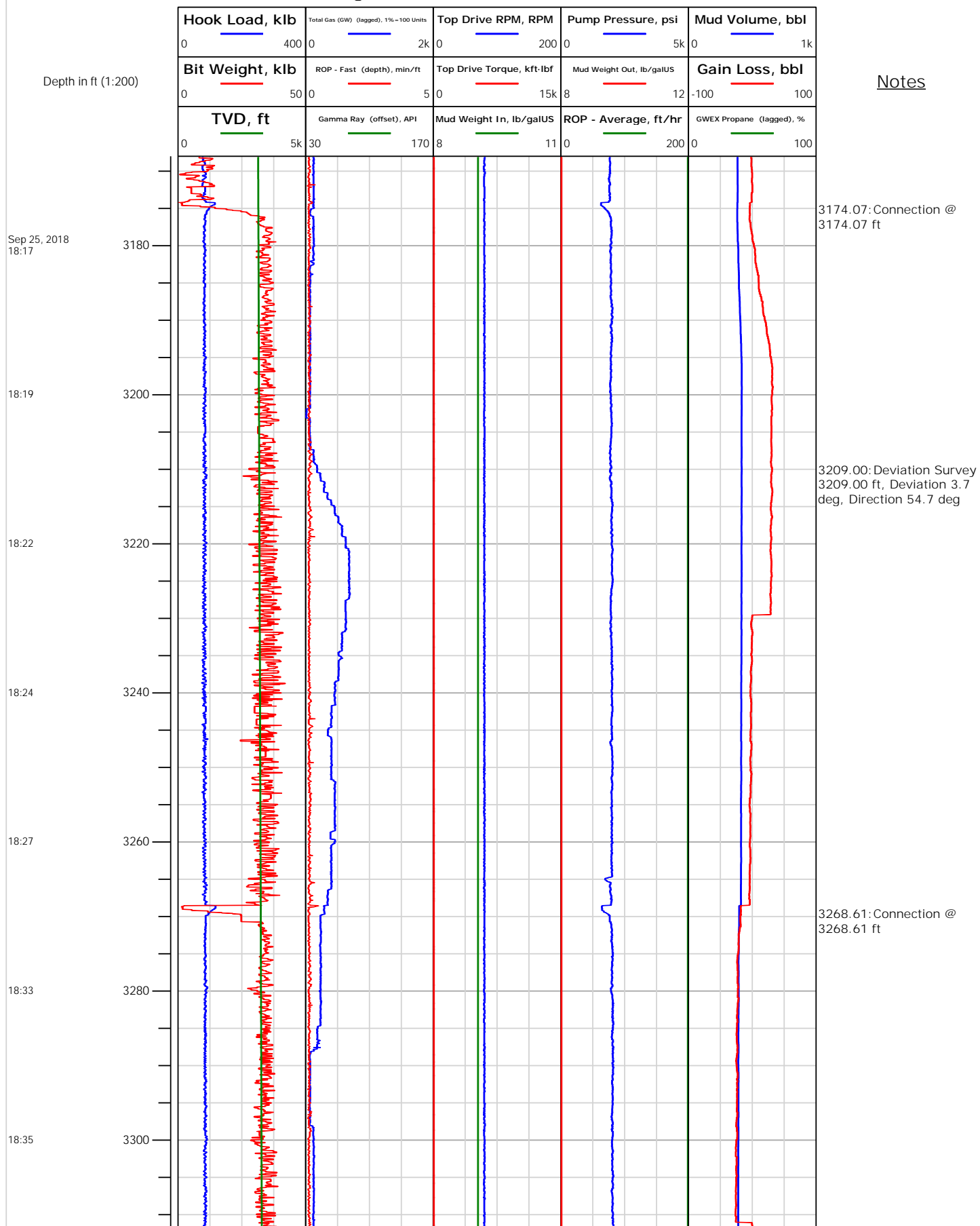
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Contractor: Helmerich & Payne Drlg Co

Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes





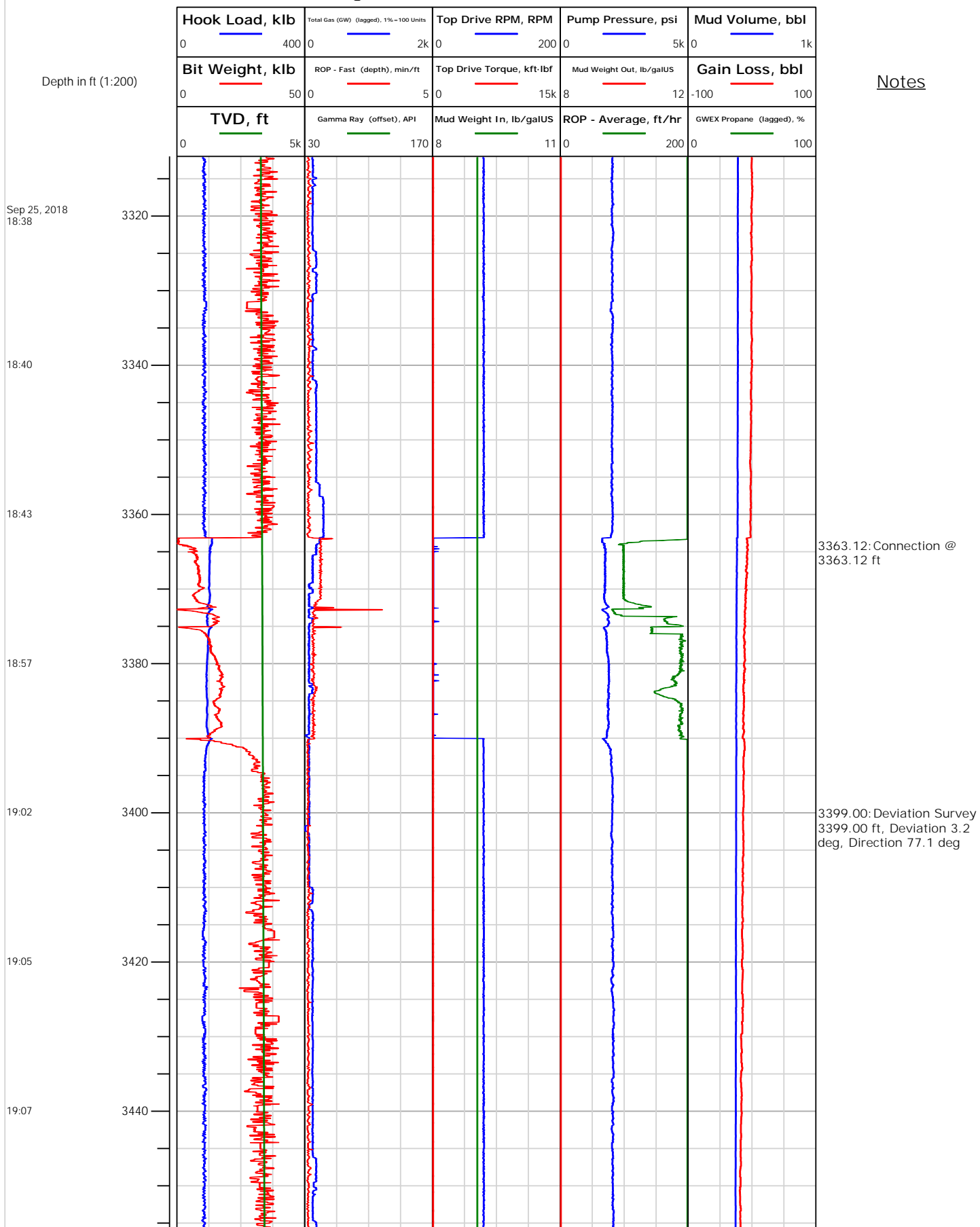
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Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes



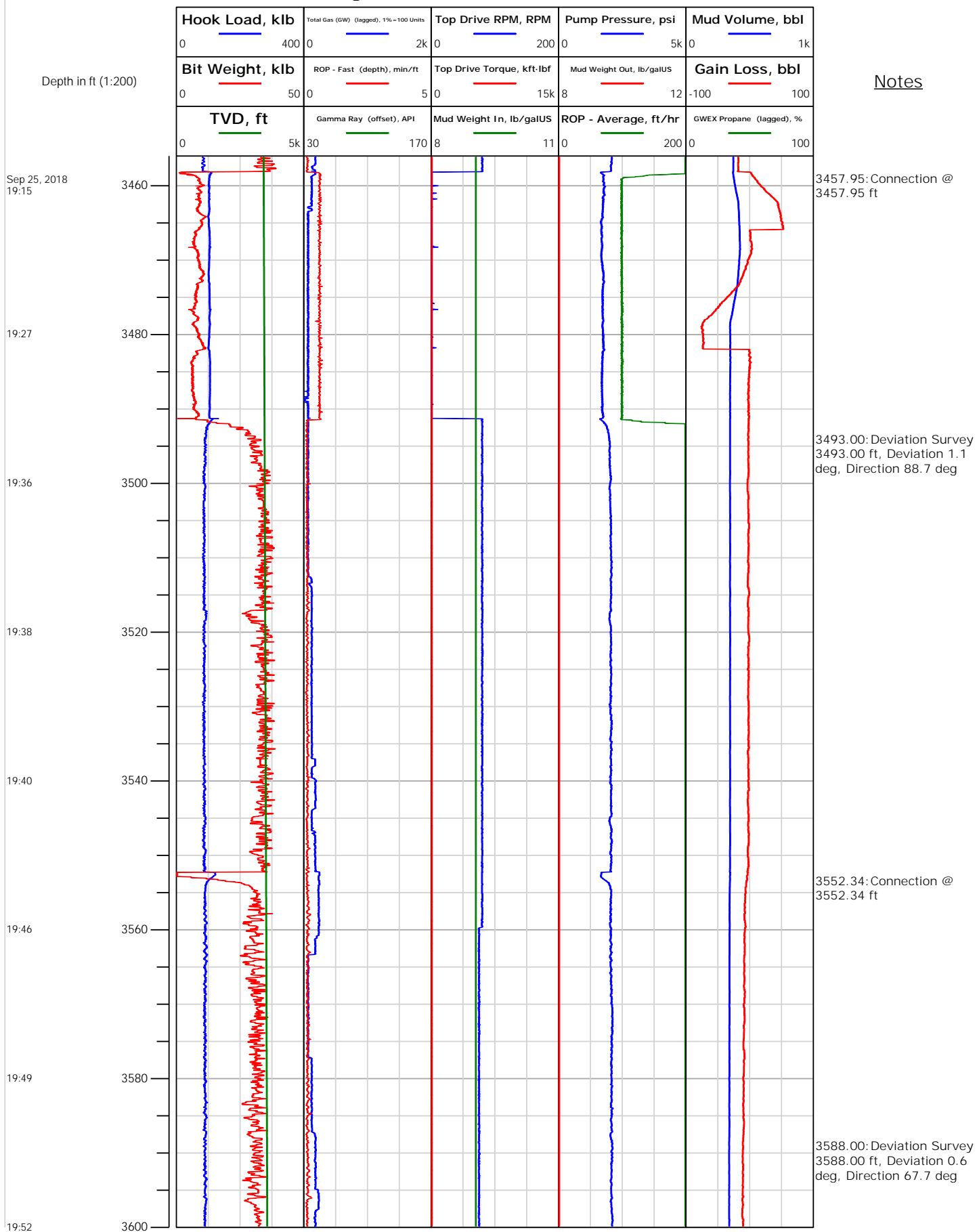


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Contractor: Helmerich & Payne Drlg Co

Well Name: BCU 0993-21-06W
Rig: 522

Location:





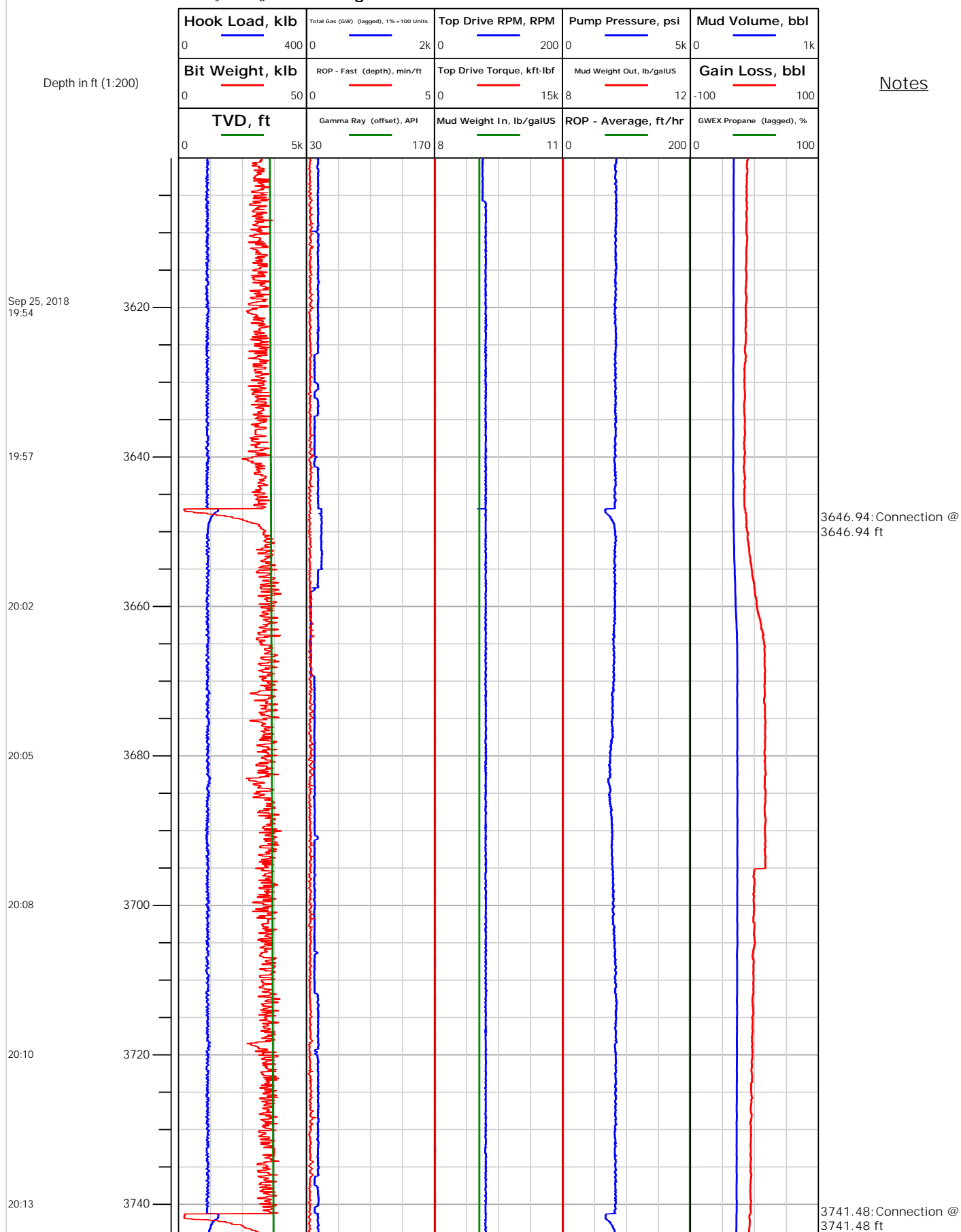
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Rig: 522

Location:

Notes





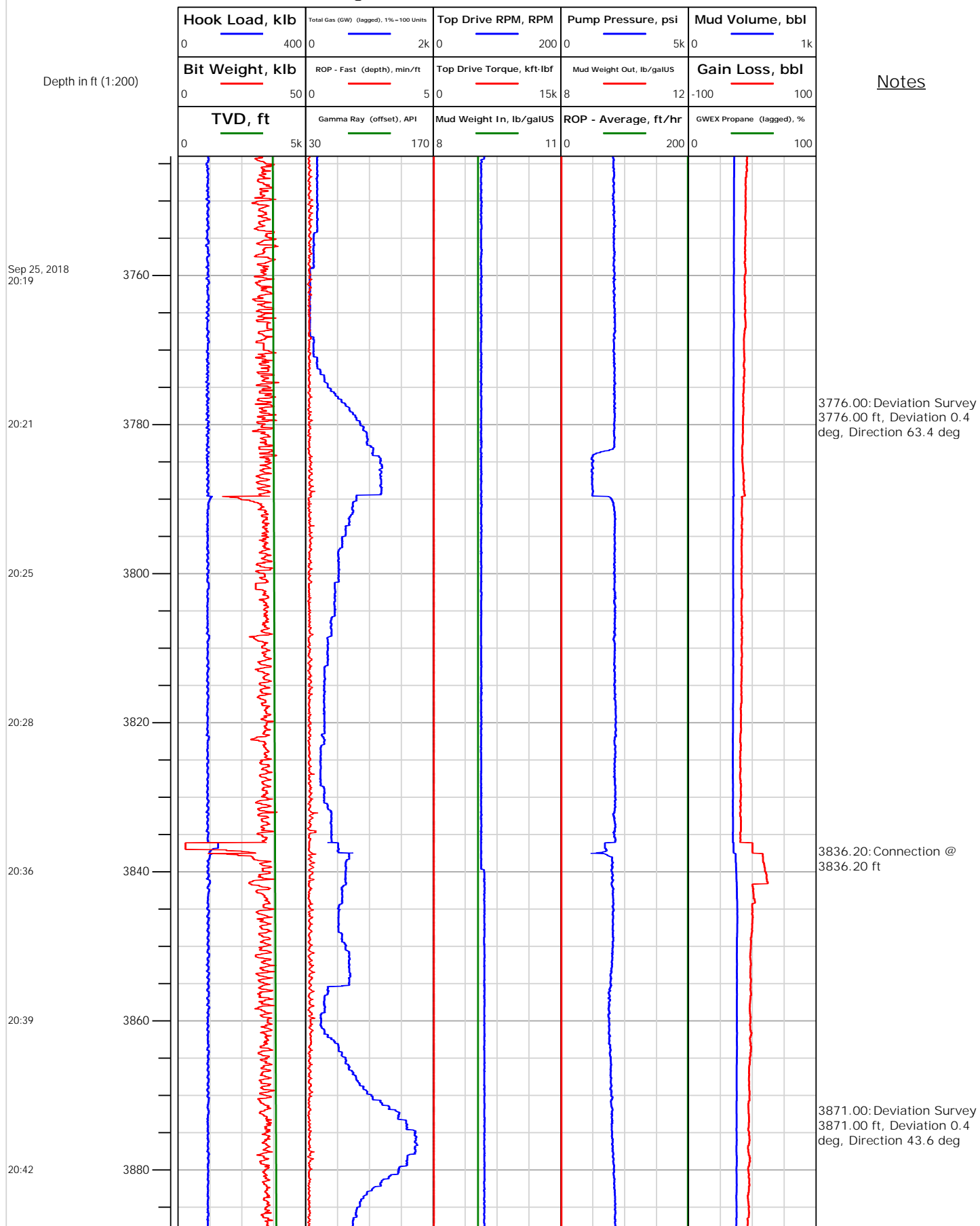
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Electronic Drilling Recorder

Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes





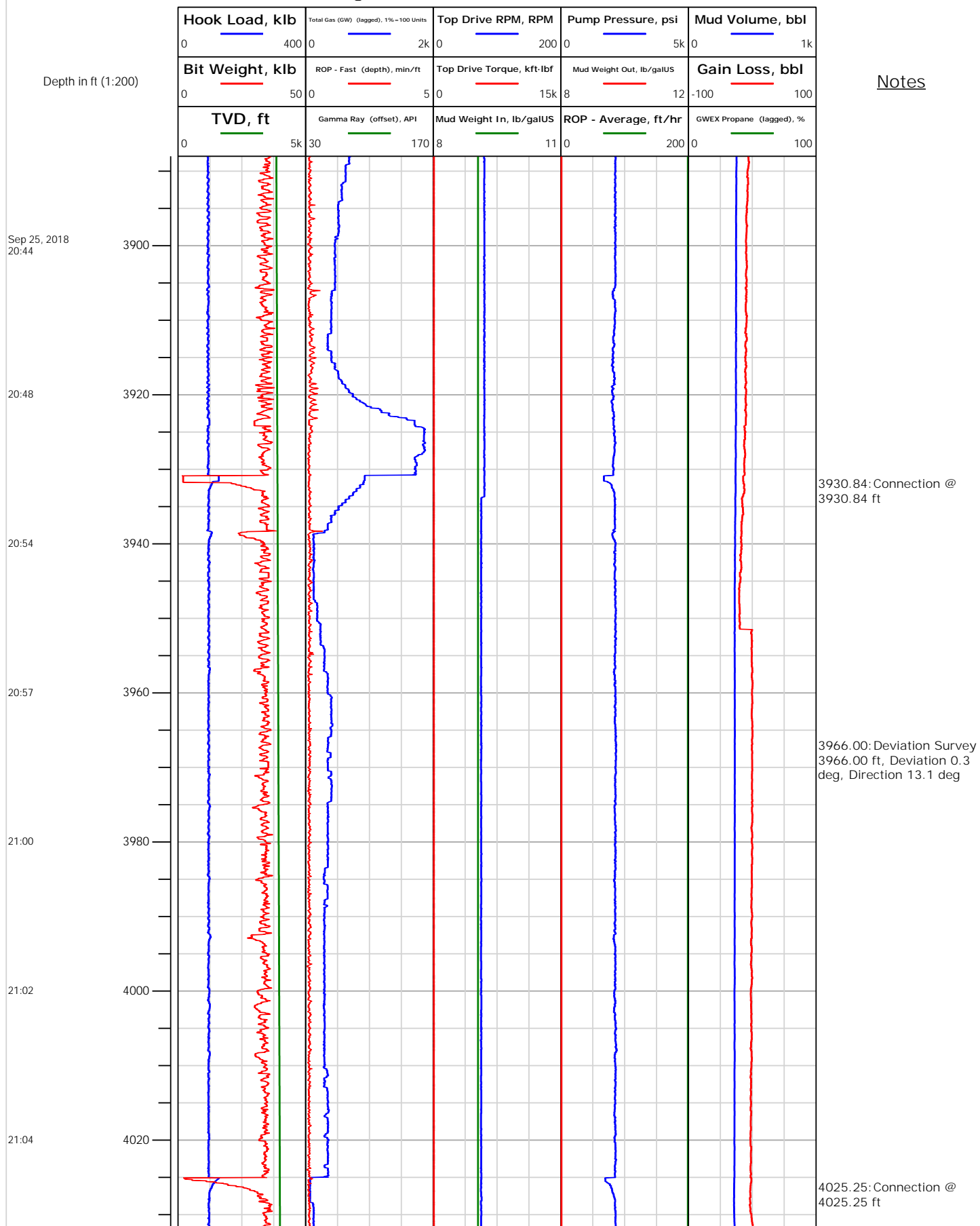
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Rig: 522

Location:

Notes





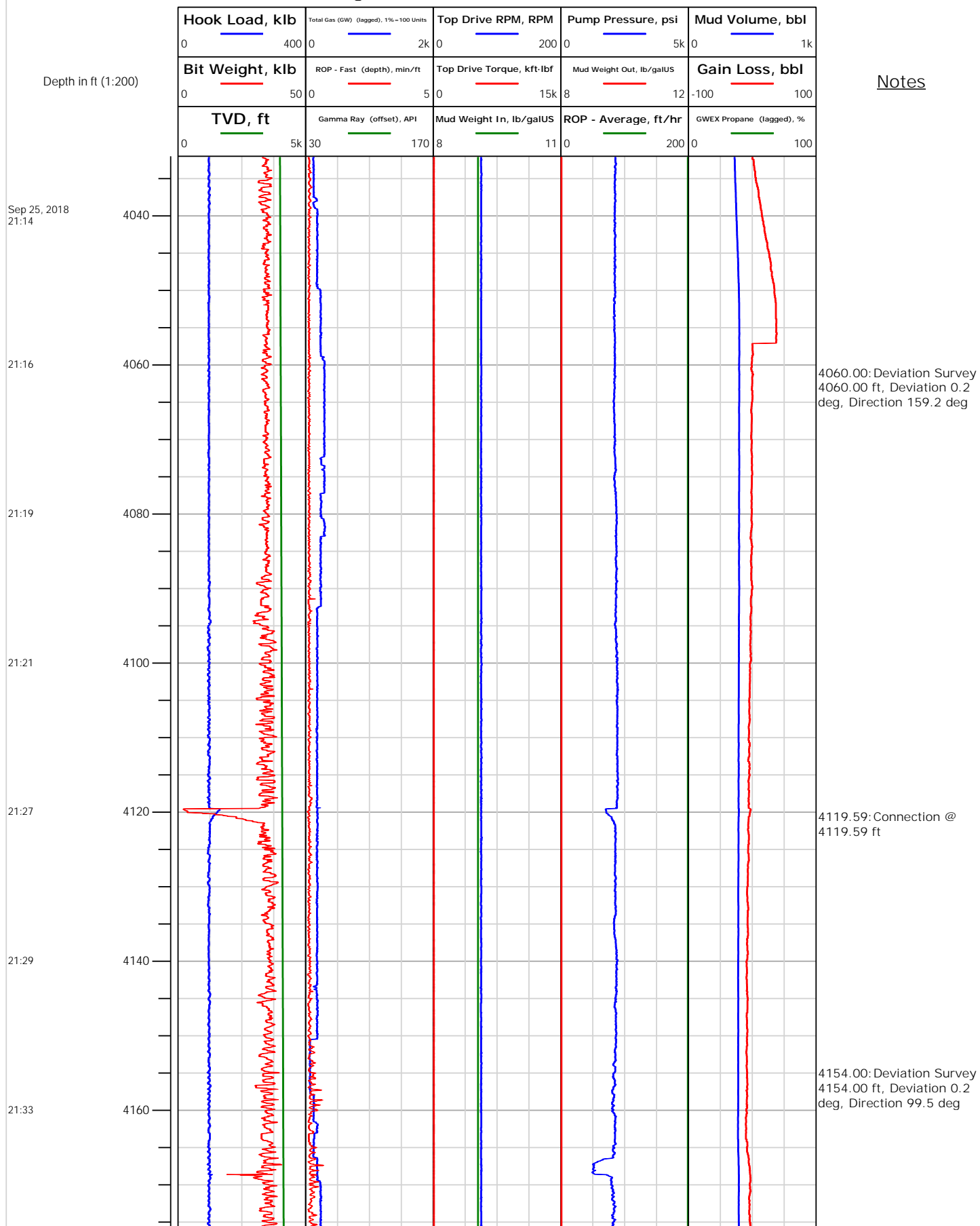
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Rig: 522

Location:

Notes





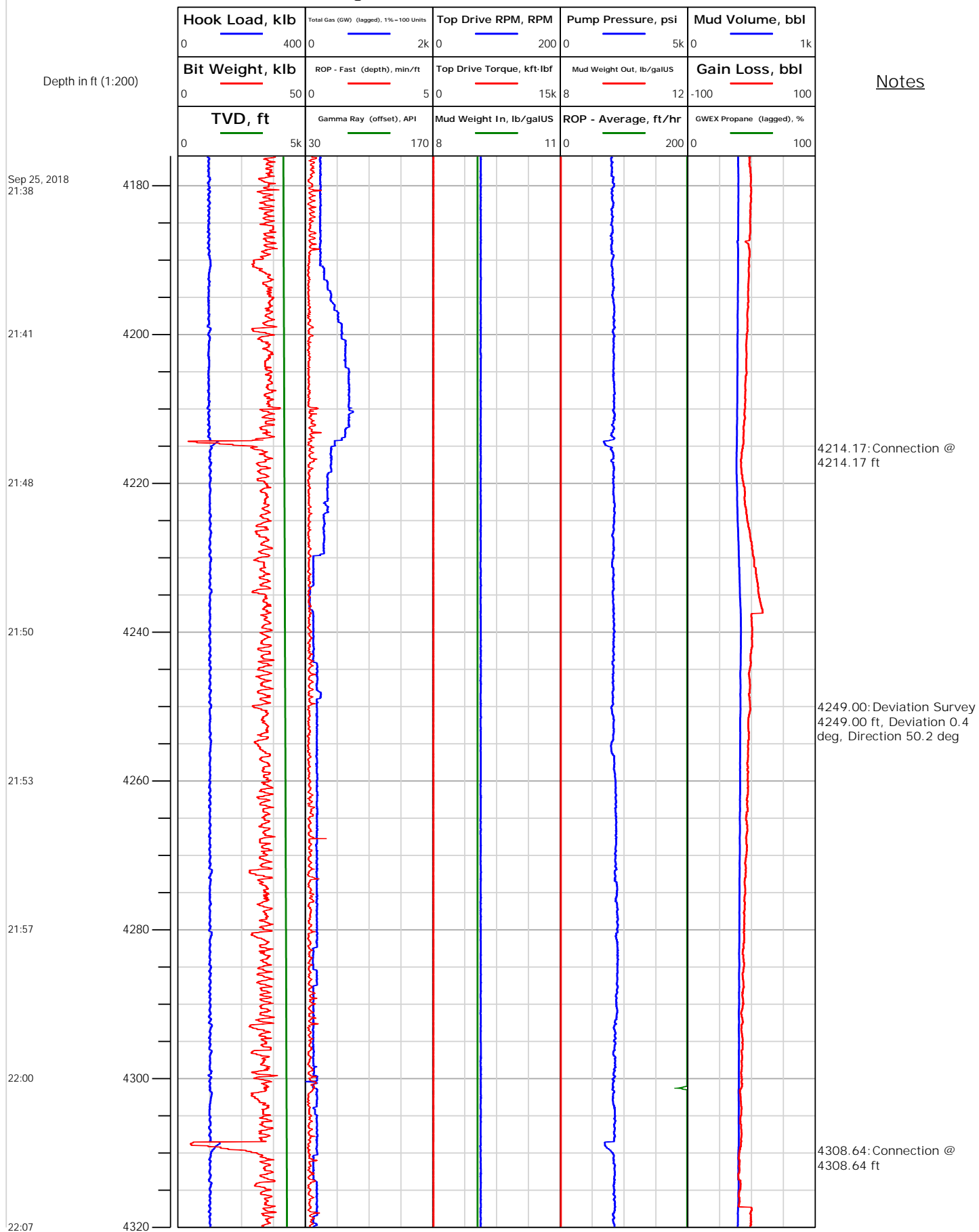
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Rig: 522

Location:

Notes





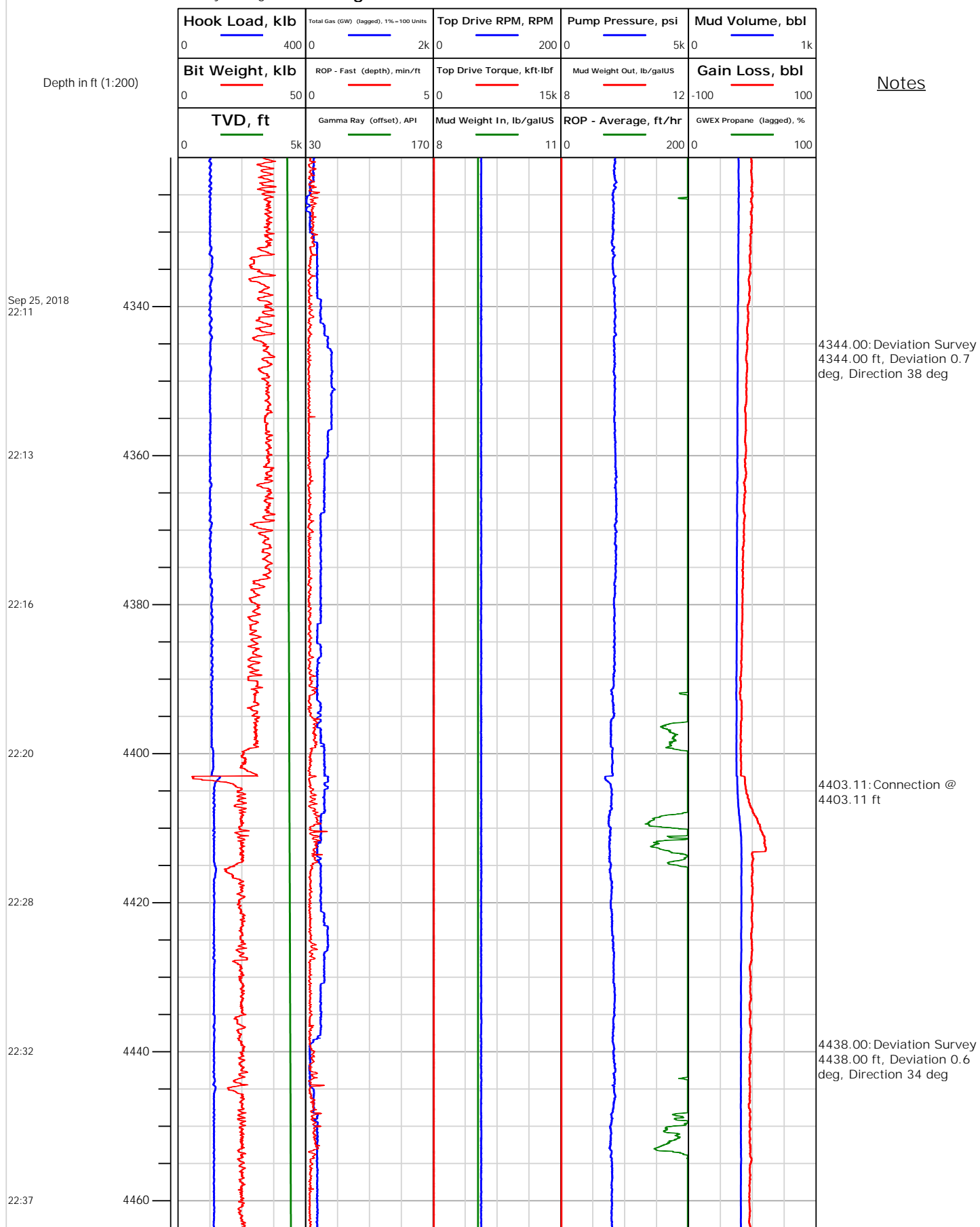
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Rig: 522

Location:

Notes





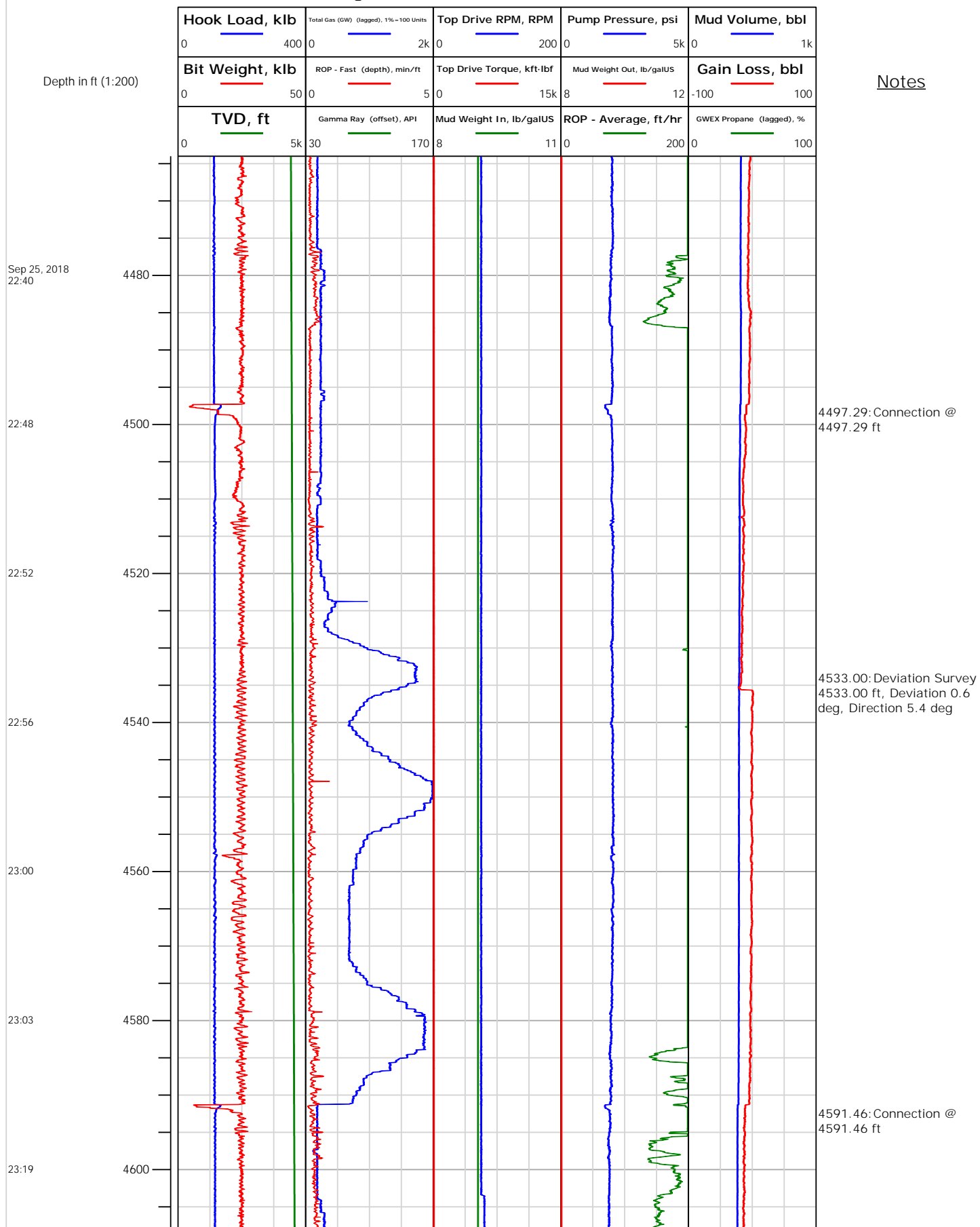
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Electronic Drilling Recorder

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Rig: 522

Location:

Notes





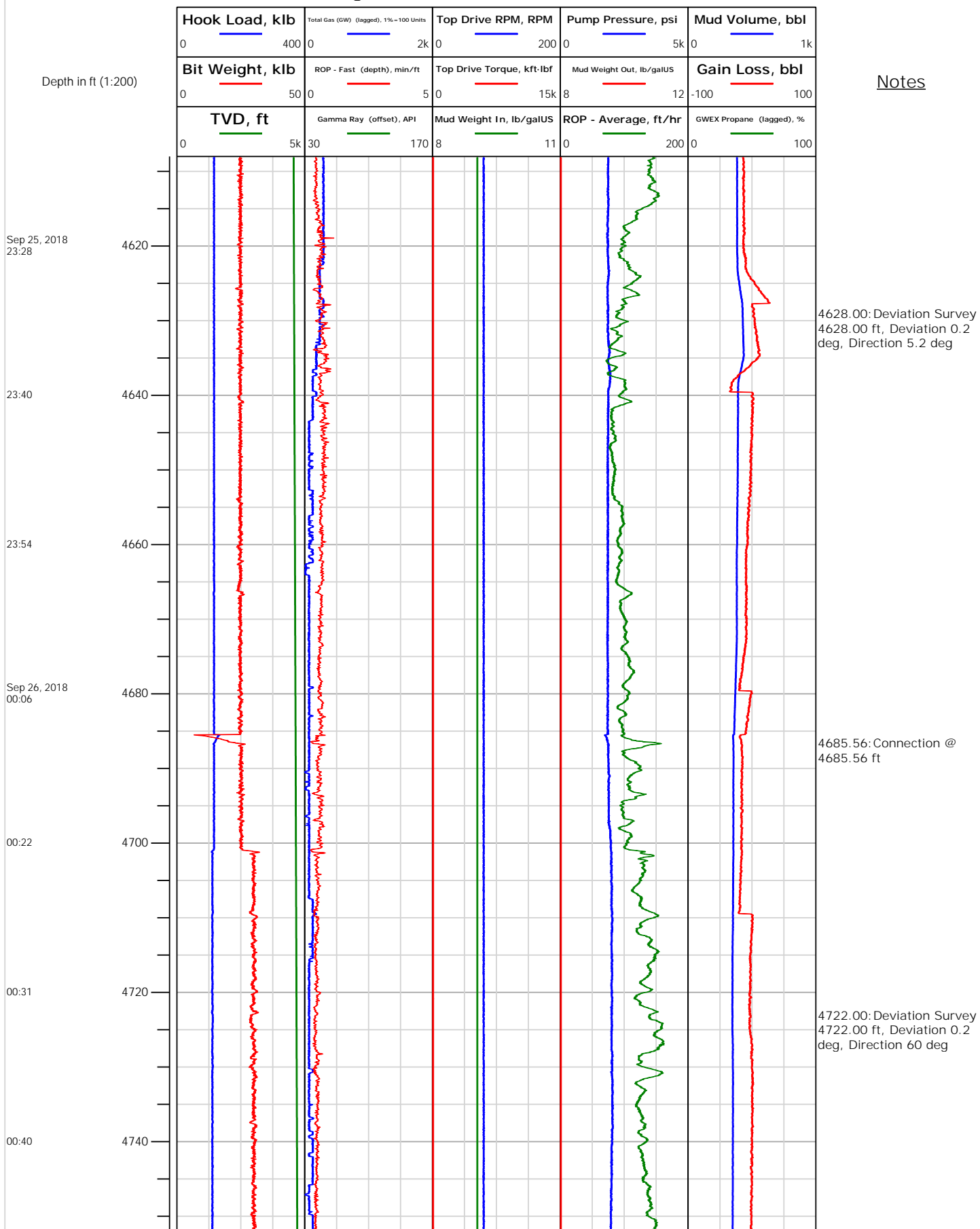
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Contractor: Helmerich & Payne Drlg Co

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Rig: 522

Location:

Notes





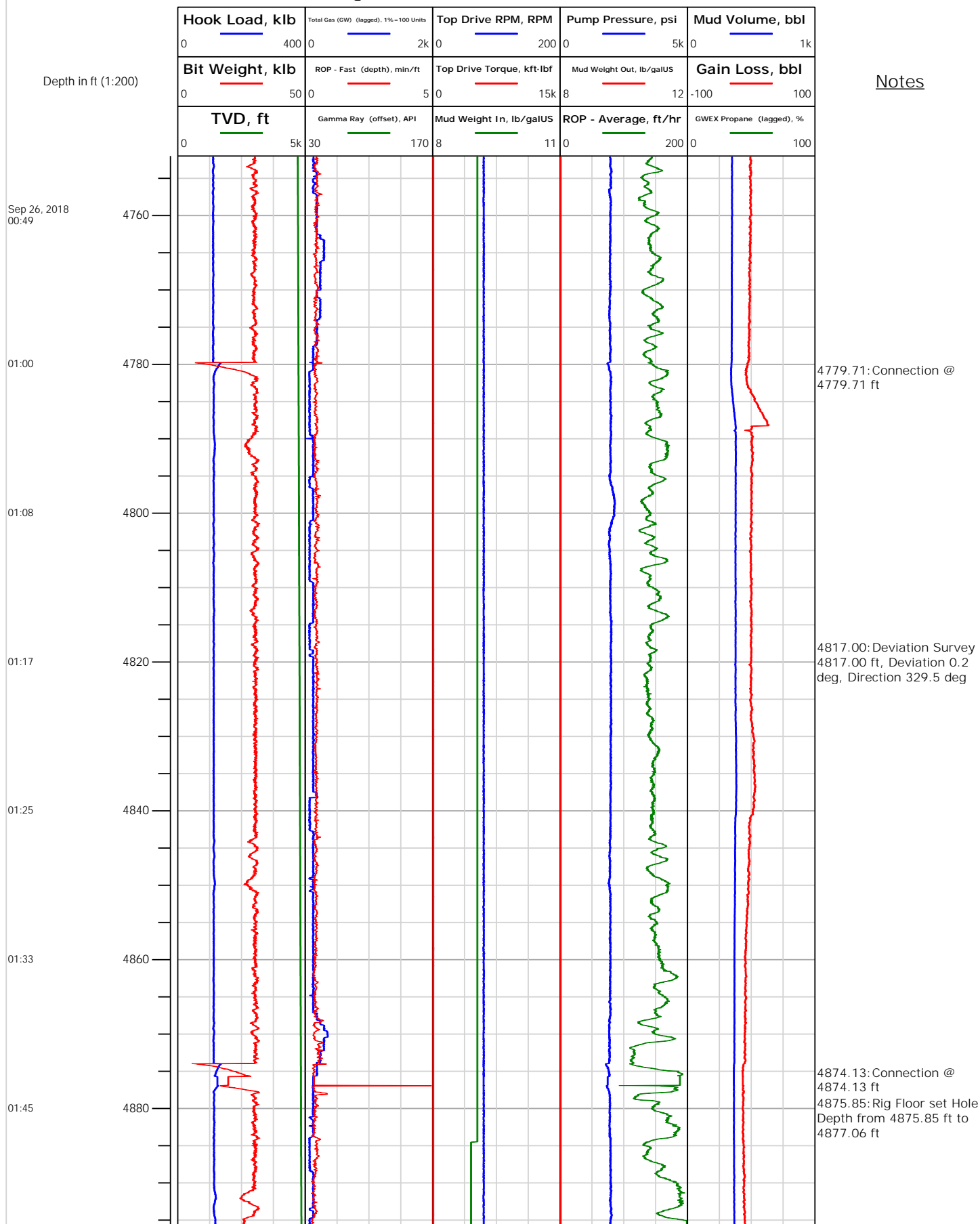
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Contractor: Helmerich & Payne Drlg Co

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Rig: 522

Location:

Notes





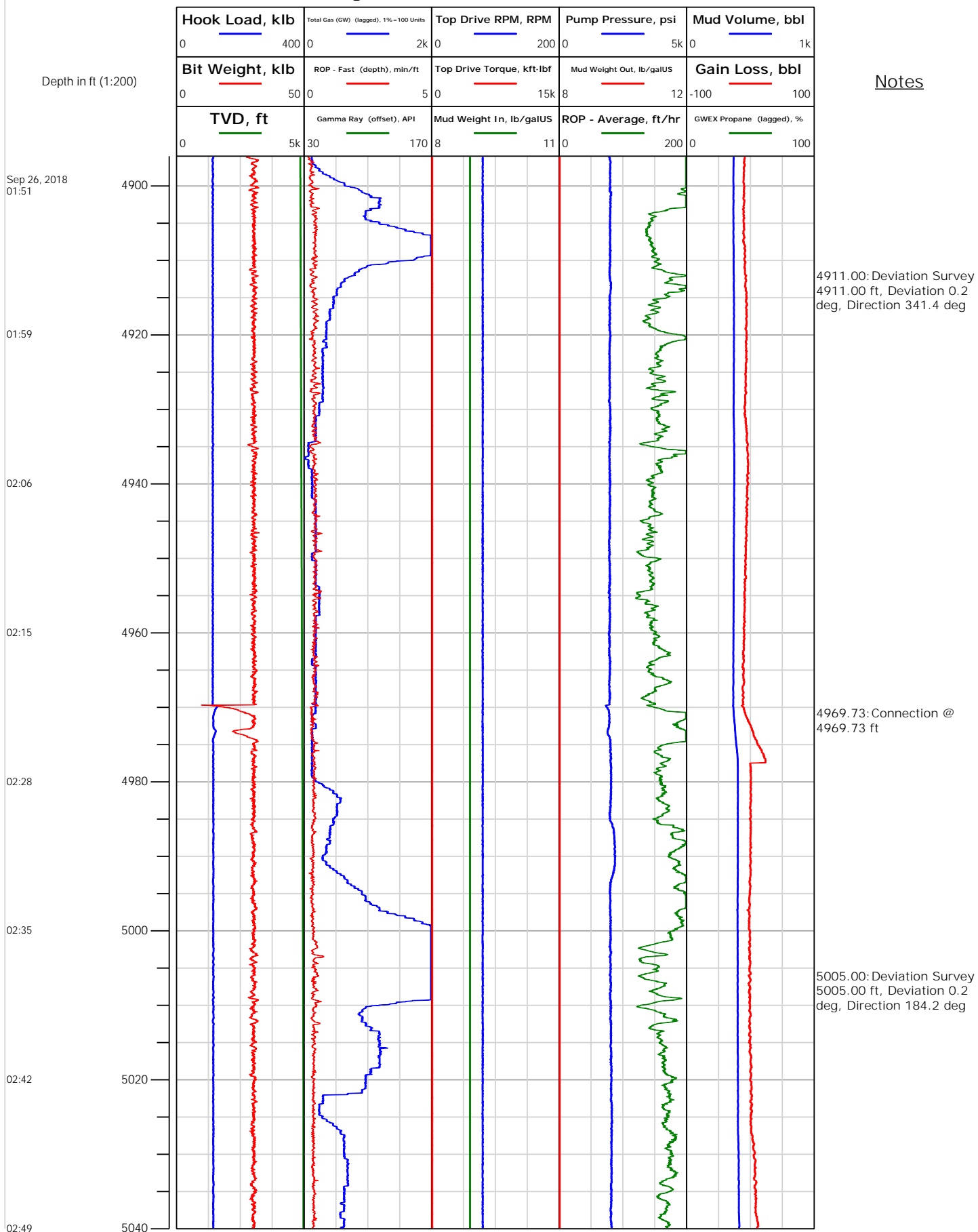
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Contractor: Helmerich & Payne Drlg Co

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Rig: 522

Location:

Notes





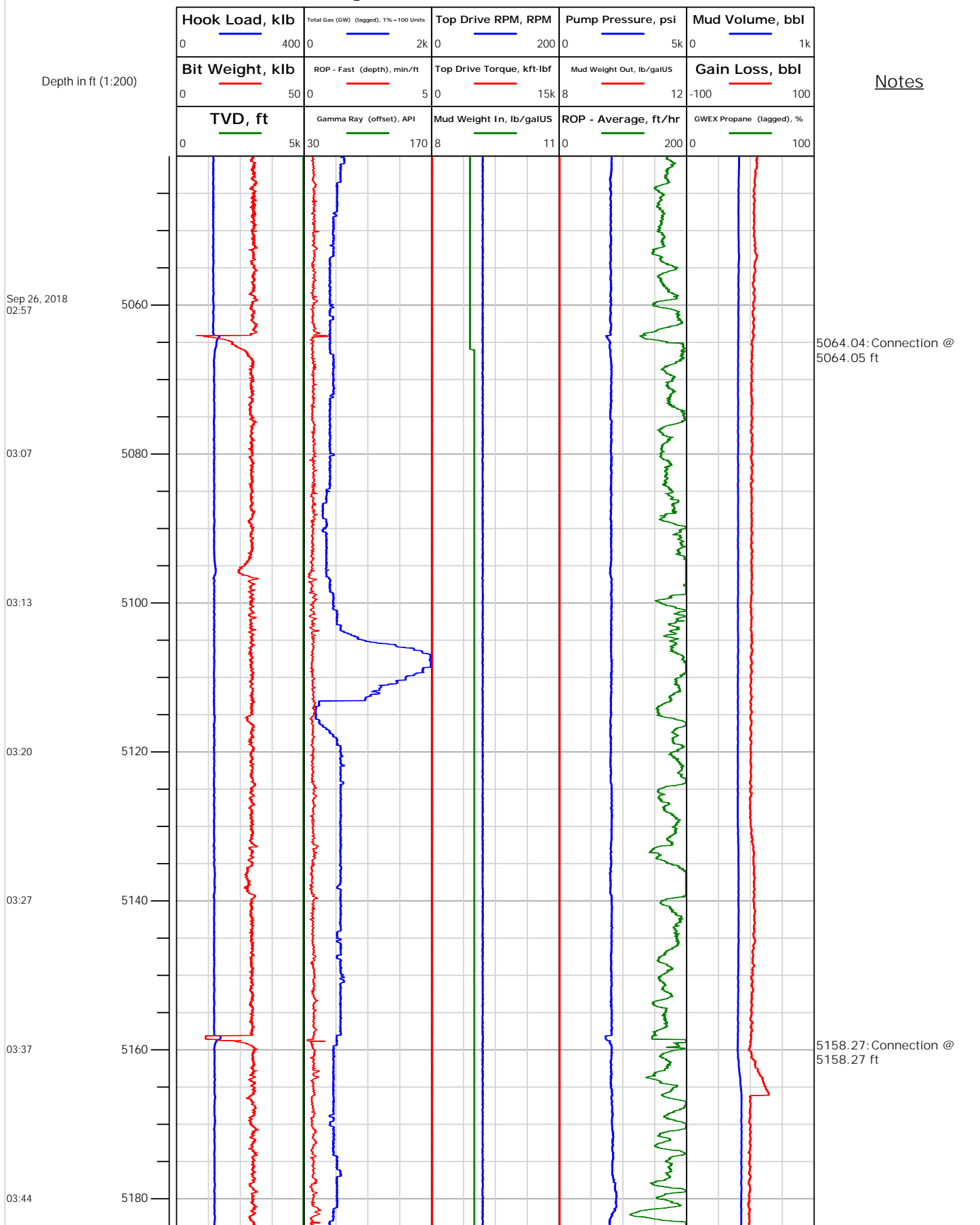
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Contractor: Helmerich & Payne Drlg Co

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Rig: 522

Location:

Notes





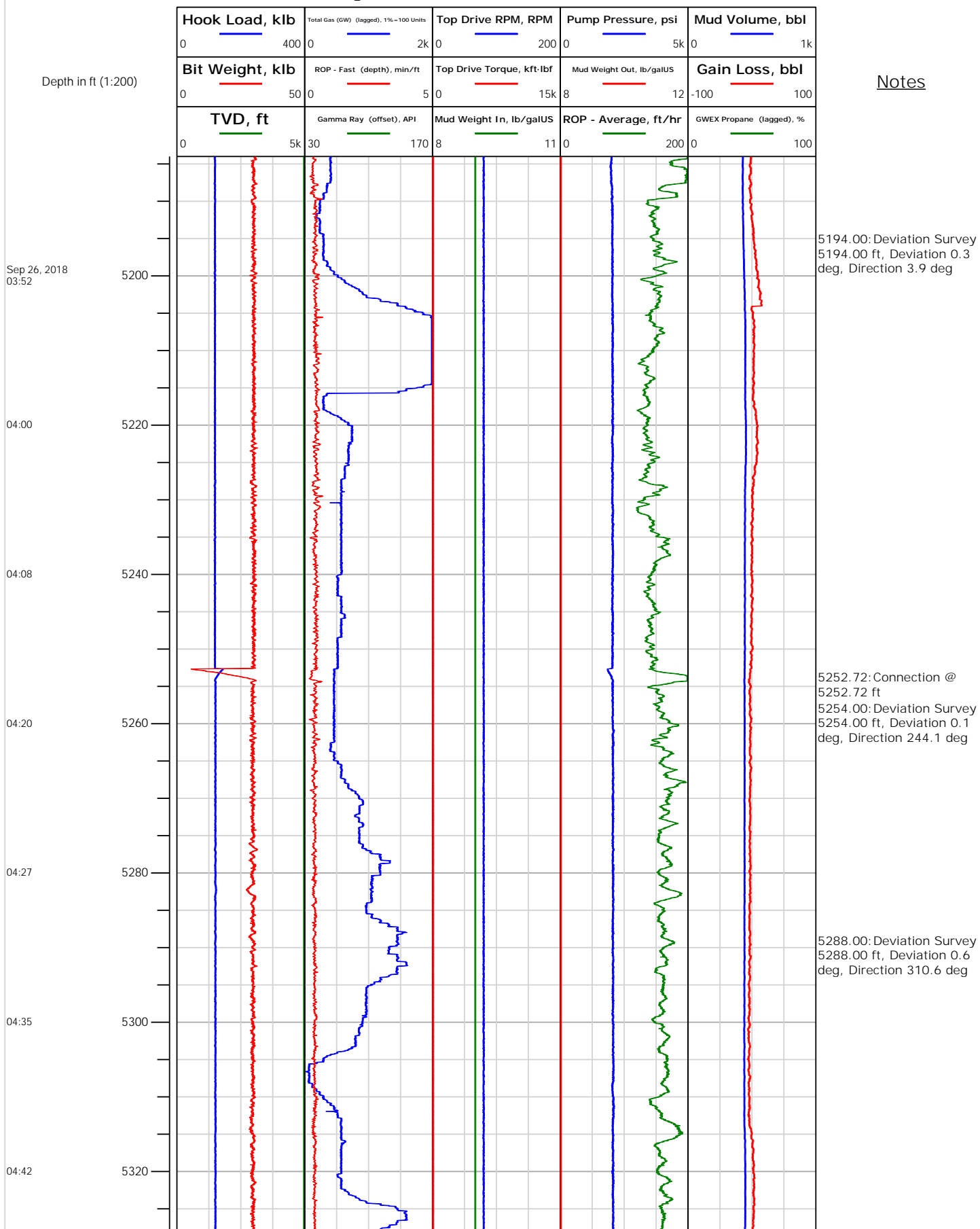
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Contractor: Helmerich & Payne Drlg Co

Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes





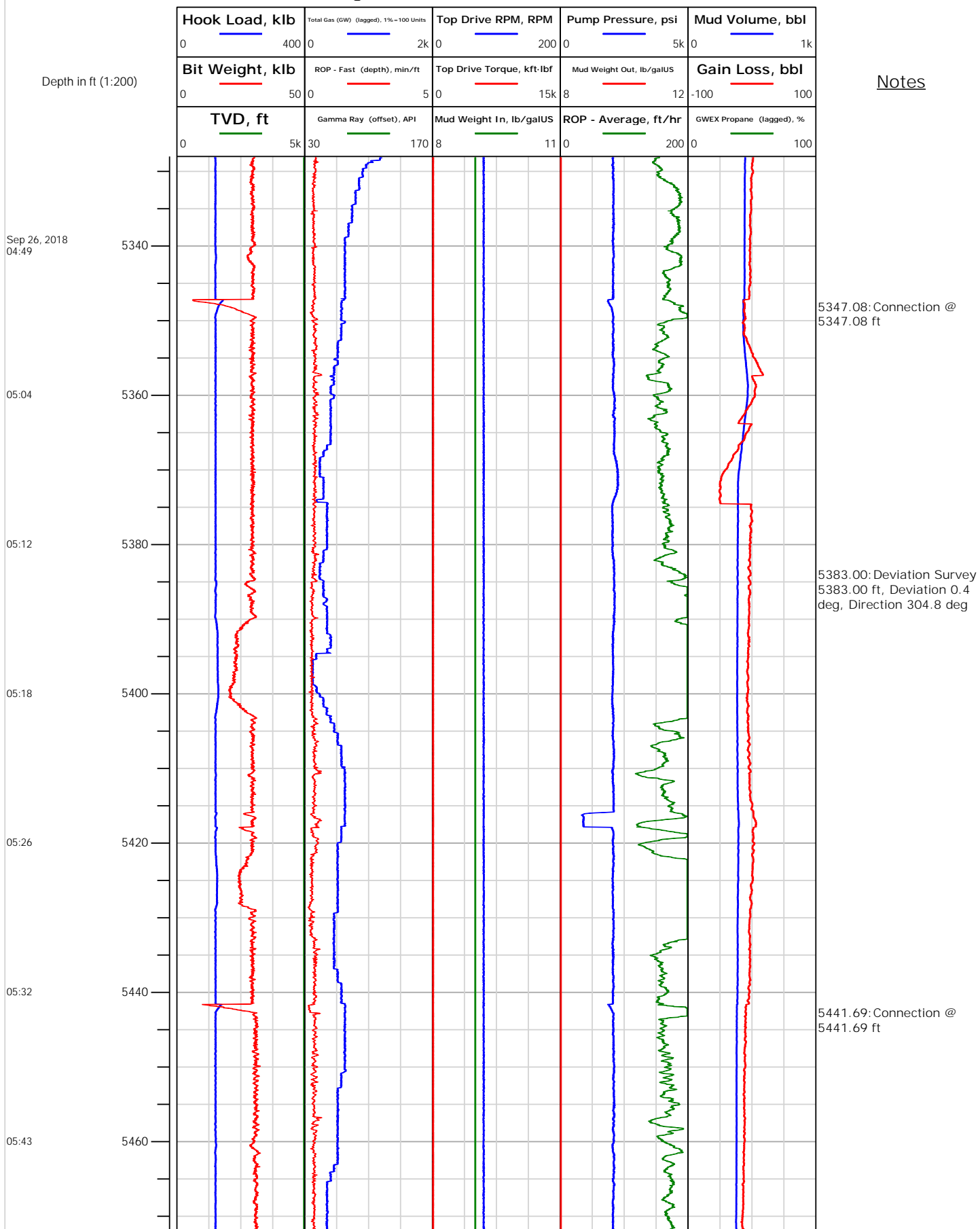
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Contractor: Helmerich & Payne Drlg Co

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Rig: 522

Location:

Notes





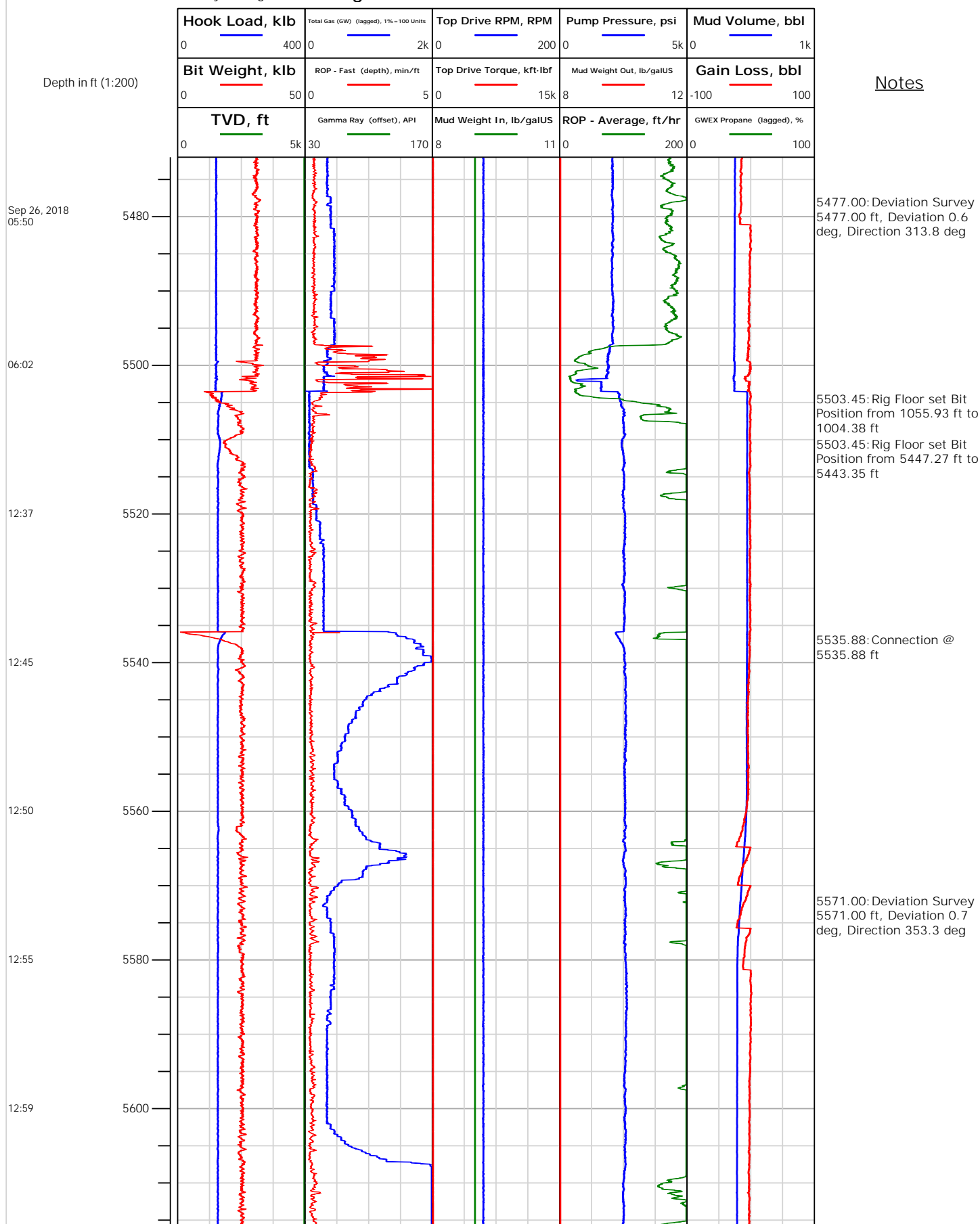
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Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes





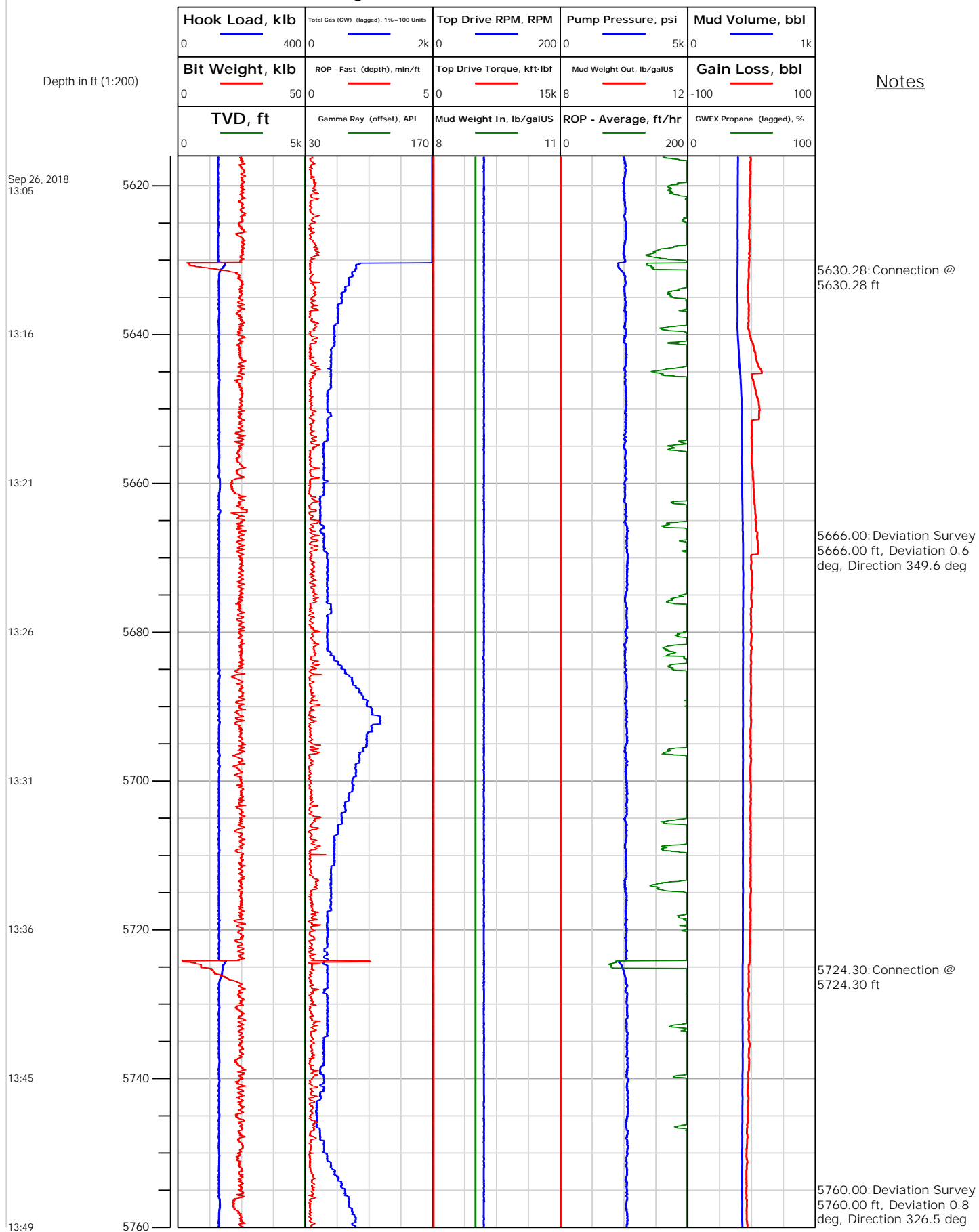
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Contractor: Helmerich & Payne Drlg Co

Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes





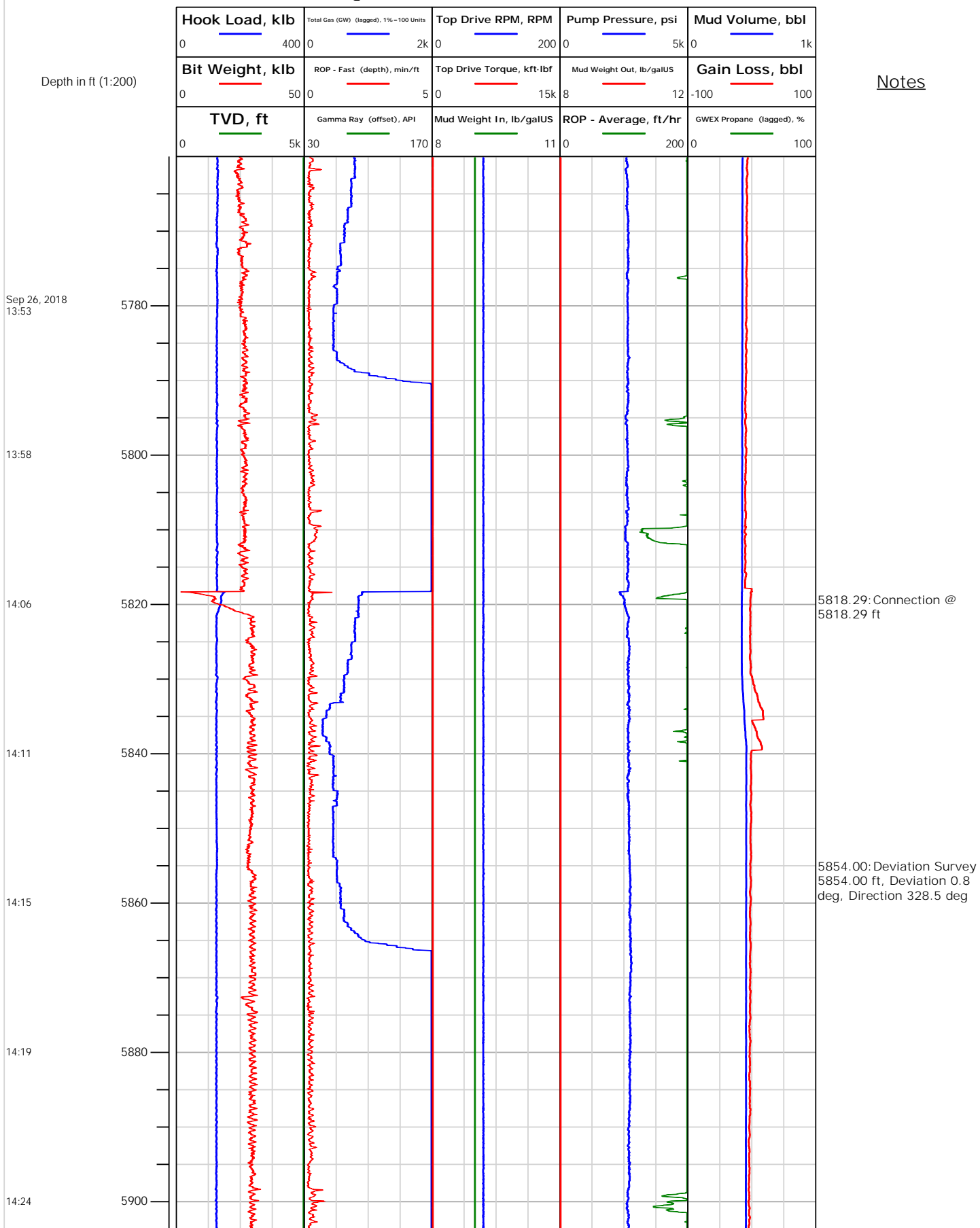
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes



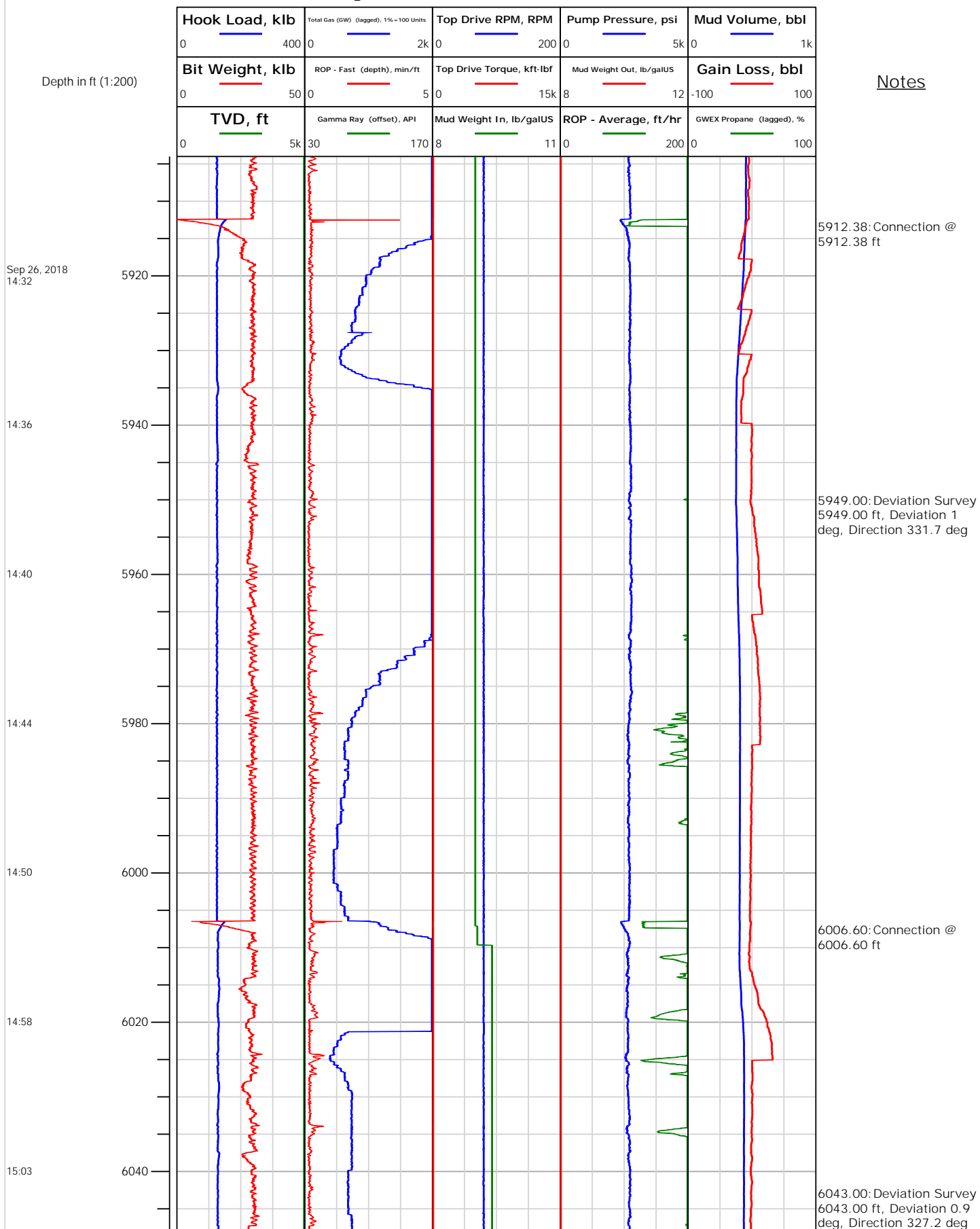


Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BCU 0993-21-06W
Rig: 522

Location:





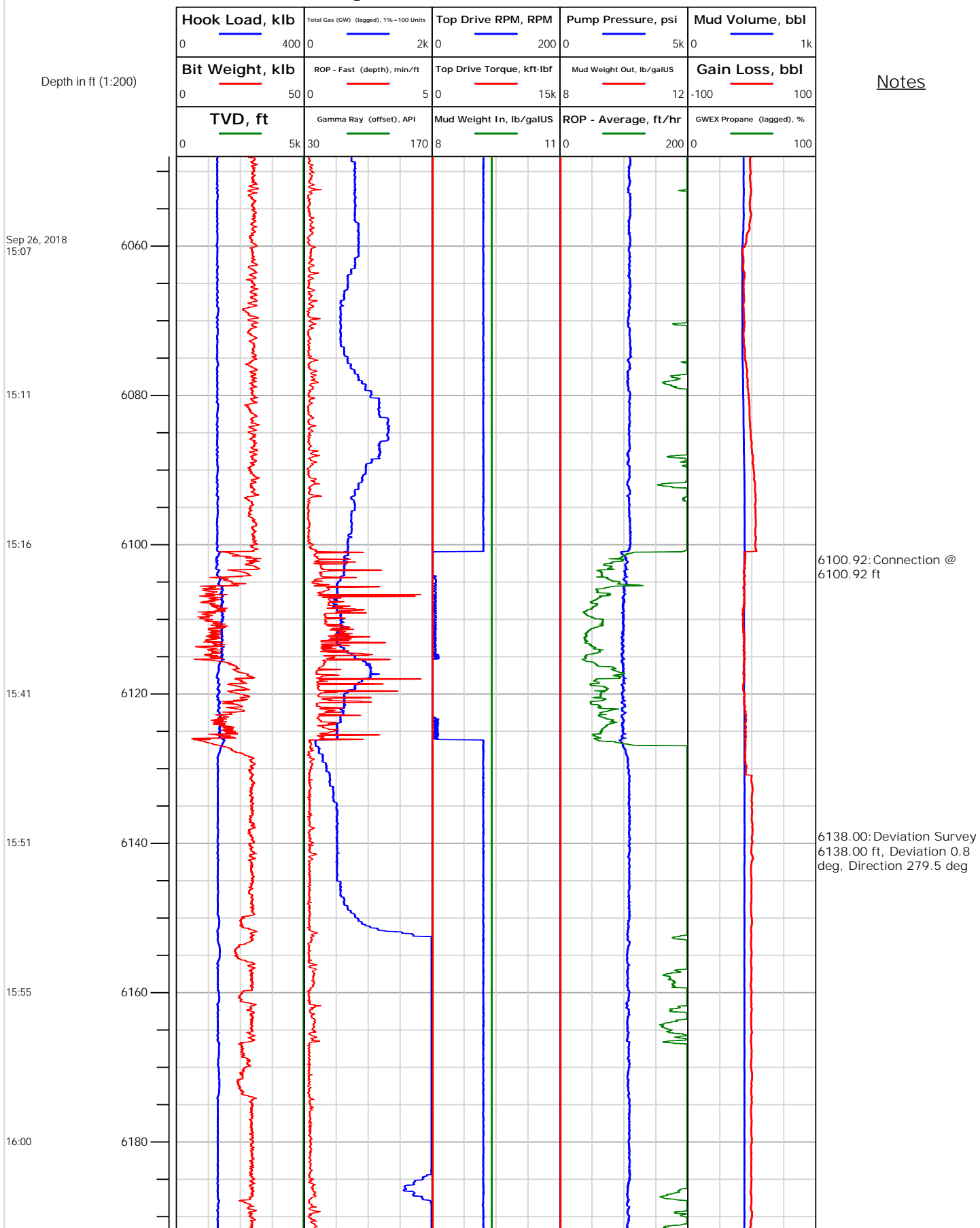
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Contractor: Helmerich & Payne Drlg Co

Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes





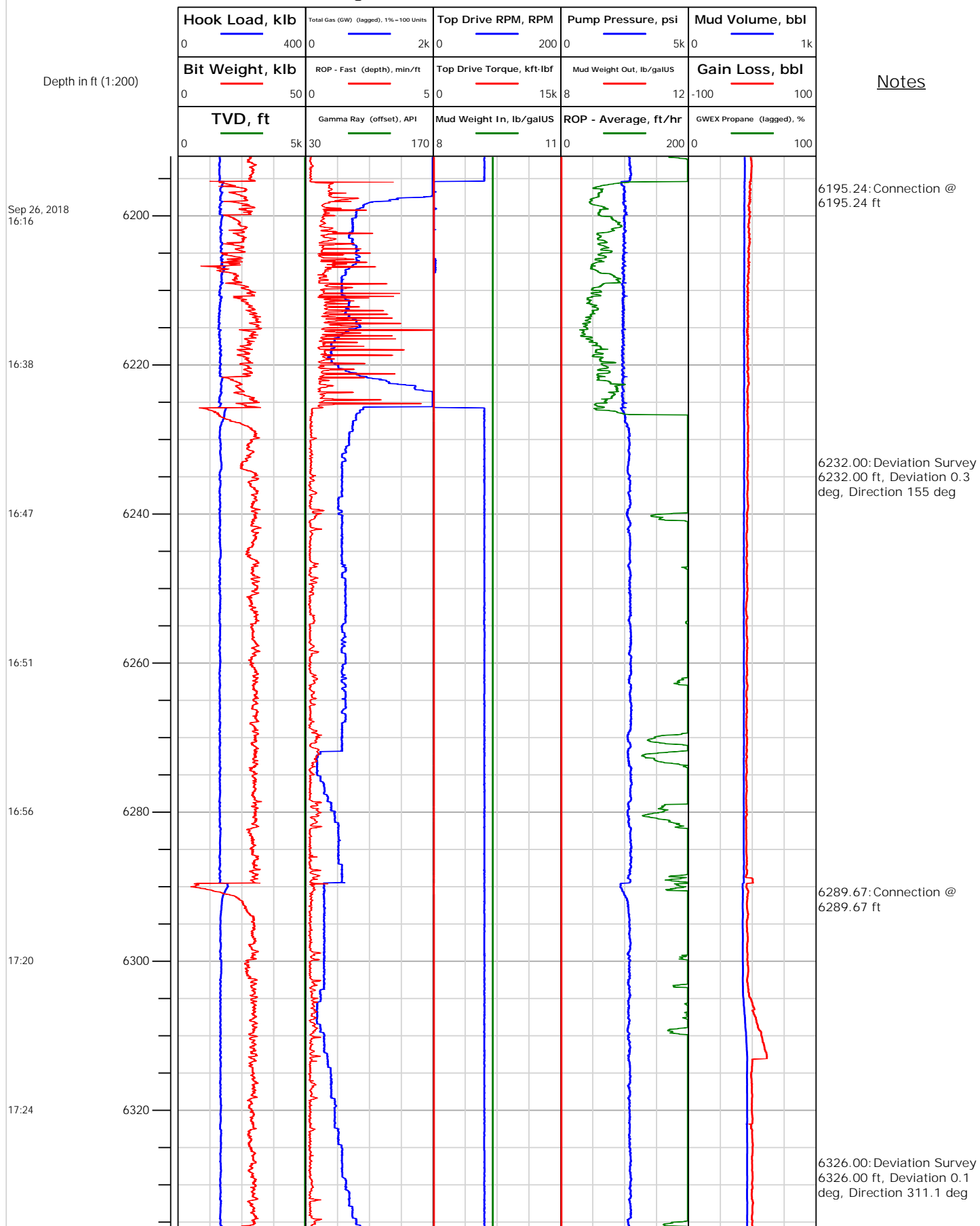
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Electronic Drilling Recorder

Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes





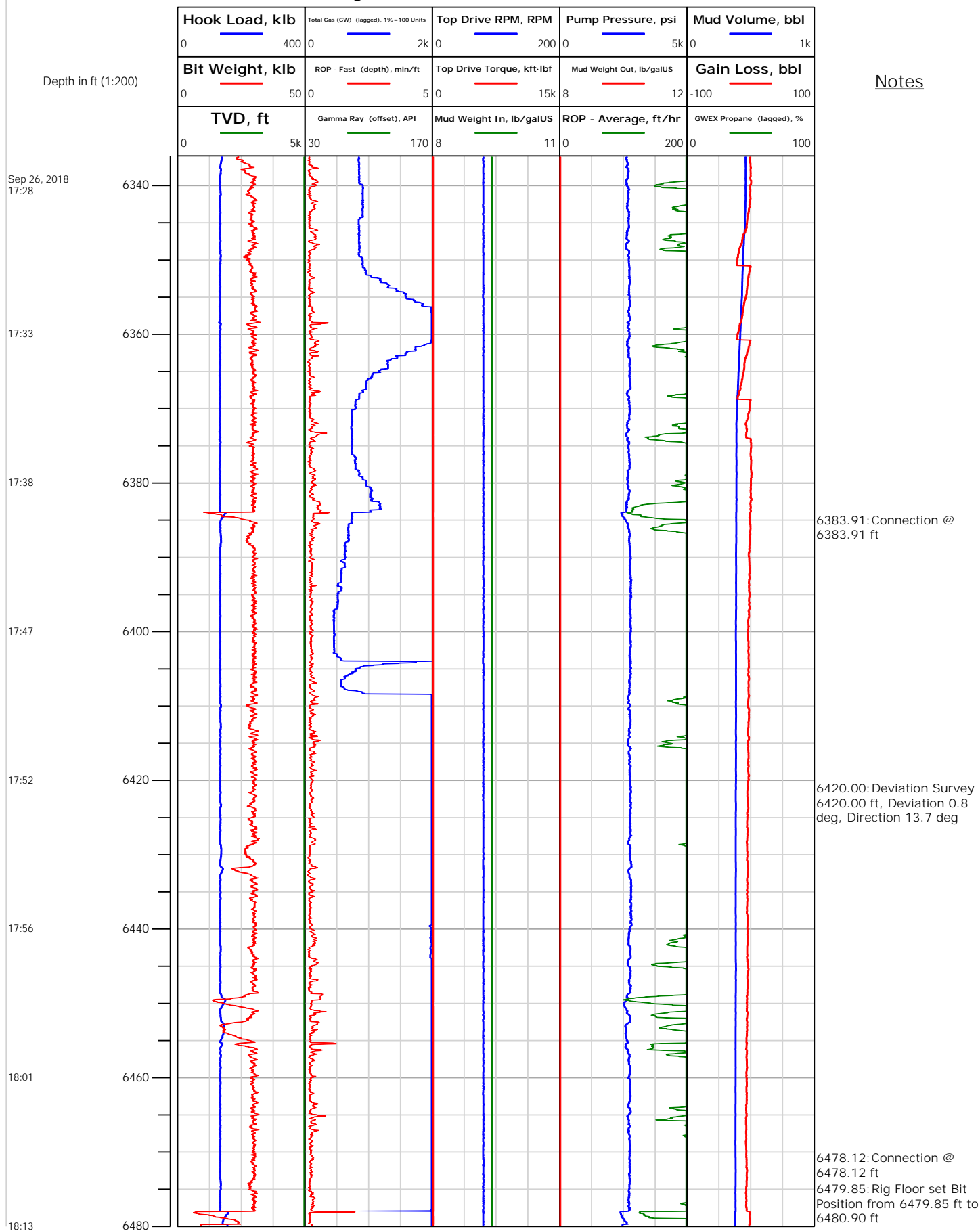
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Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes





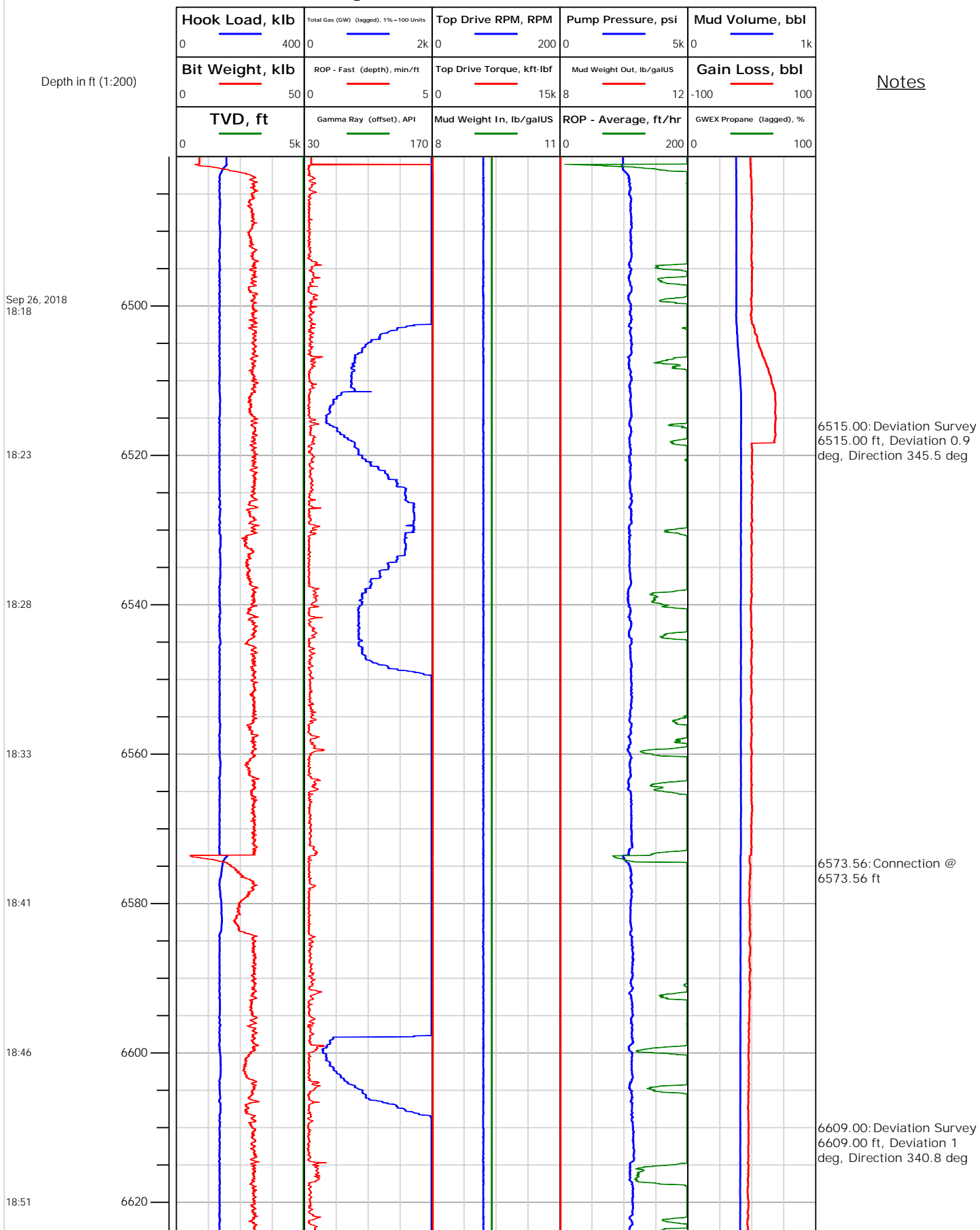
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Rig: 522

Location:

Notes





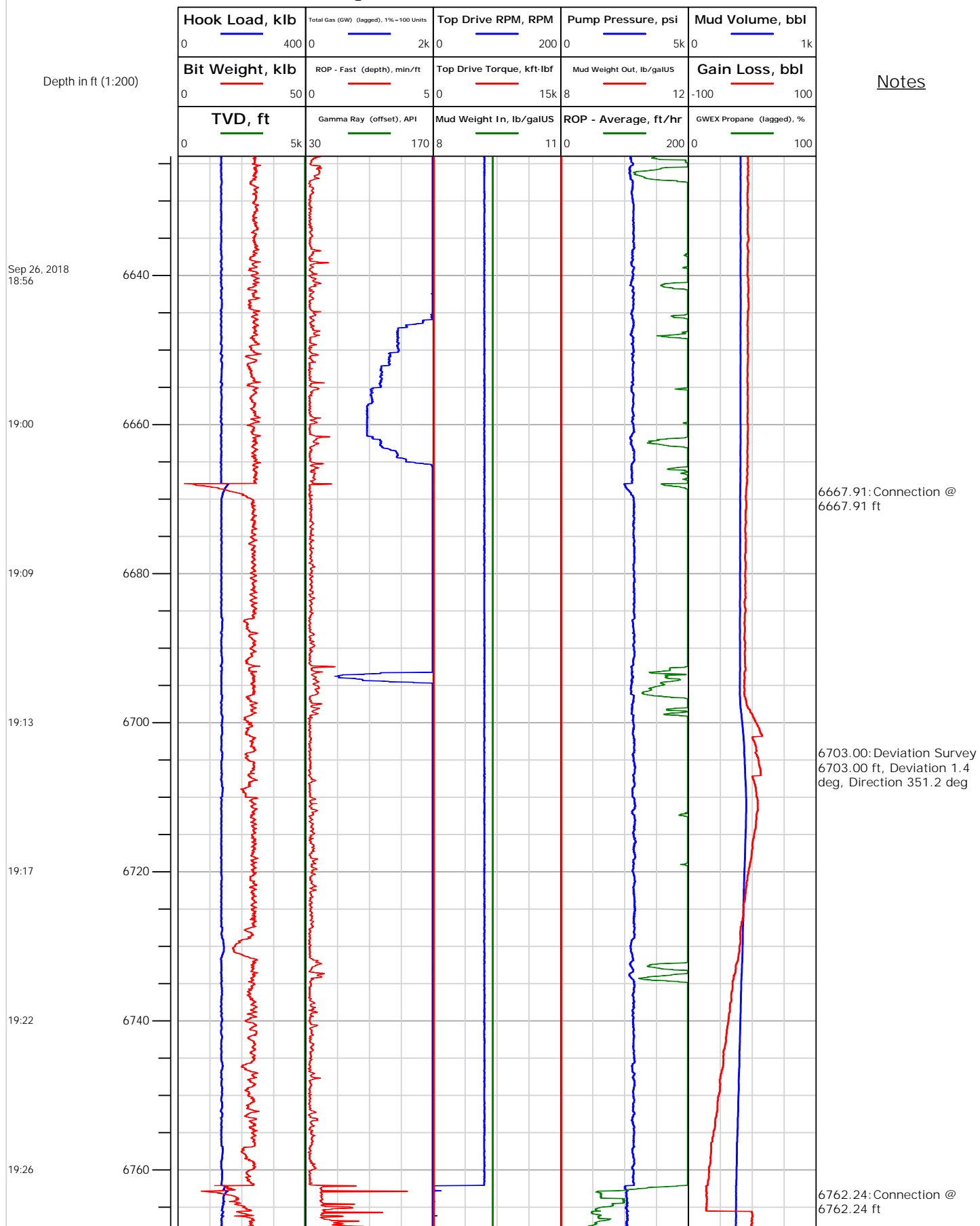
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Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes





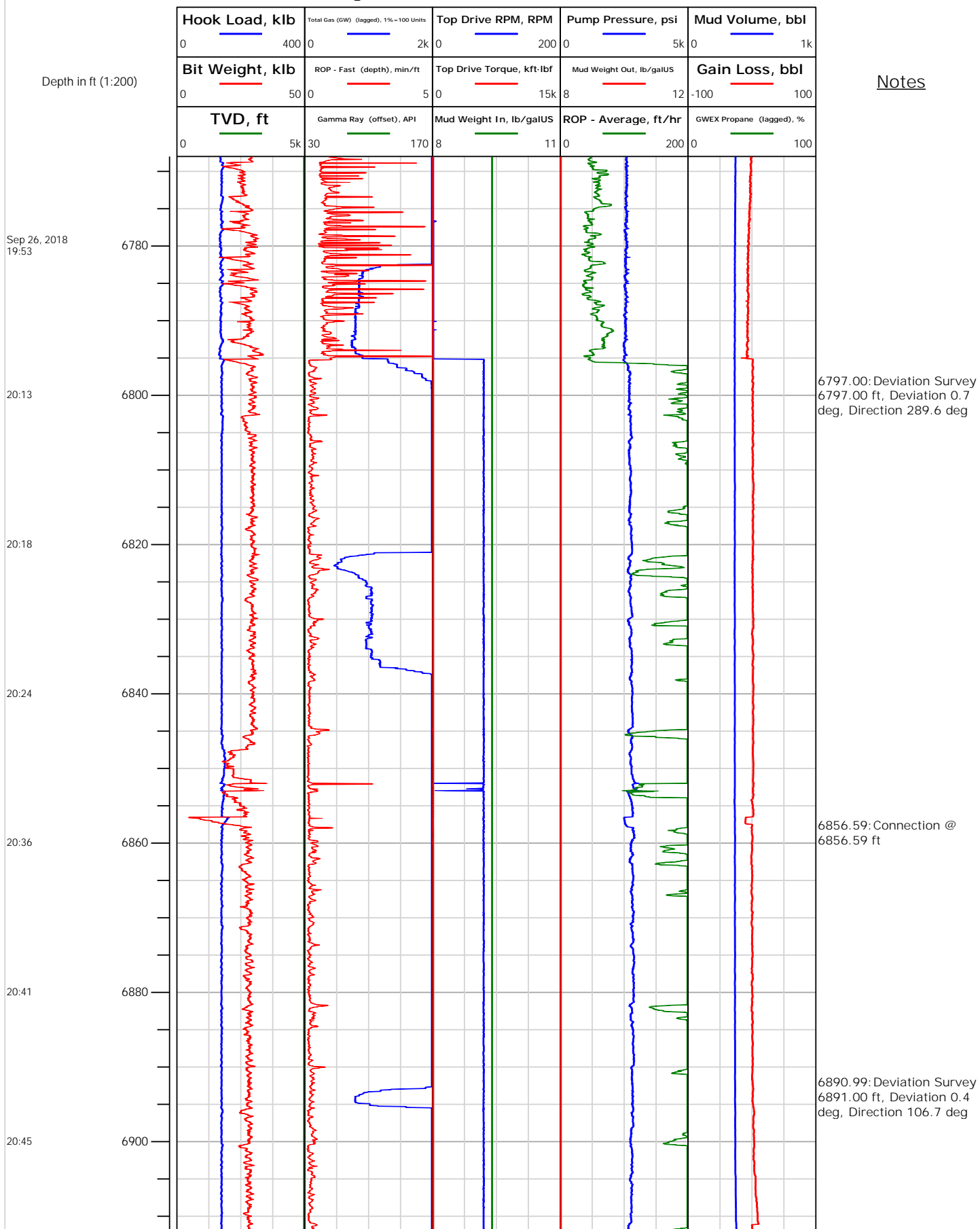
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Contractor: Helmerich & Payne Drlg Co

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Rig: 522

Location:

Notes





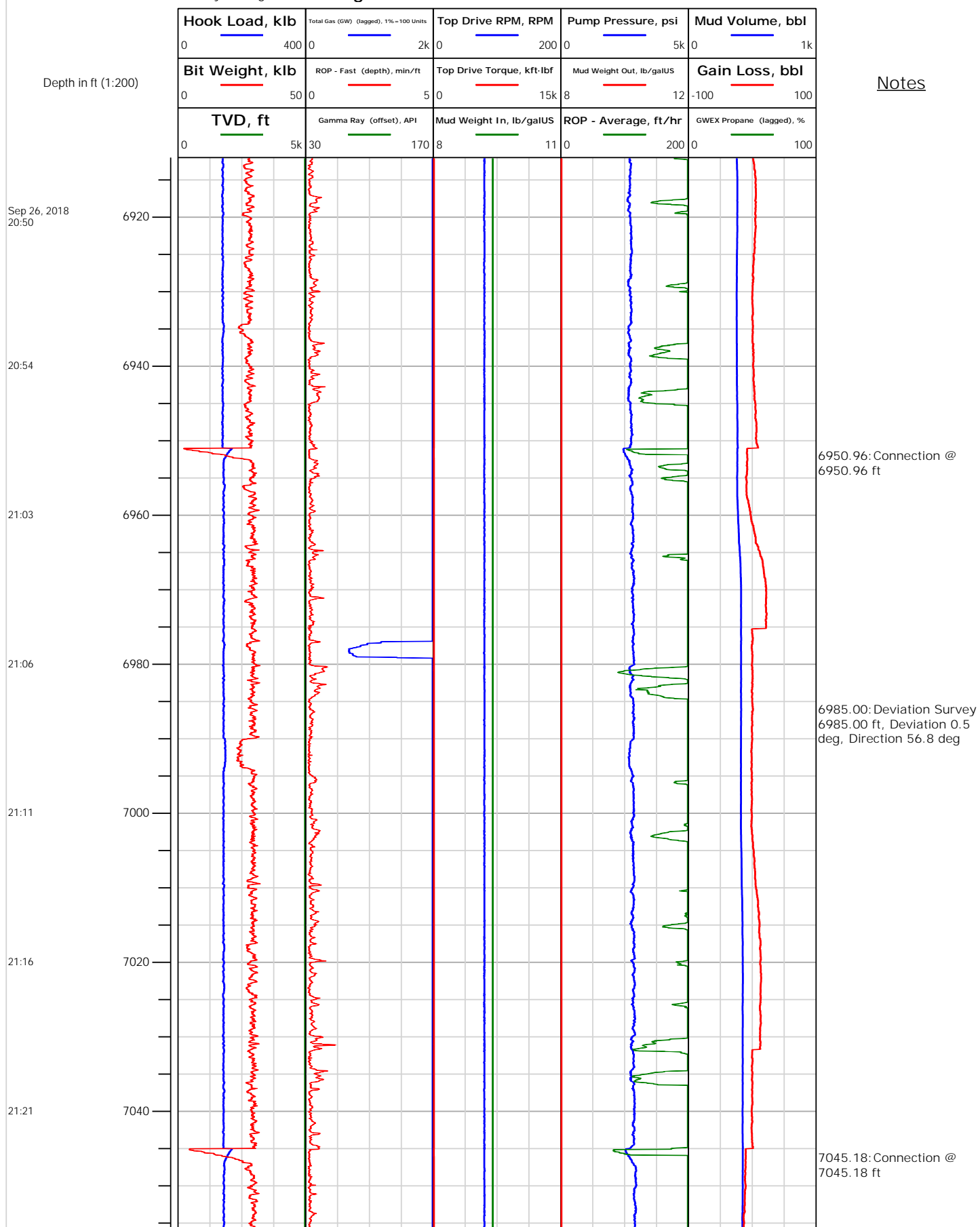
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Electronic Drilling Recorder

Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes





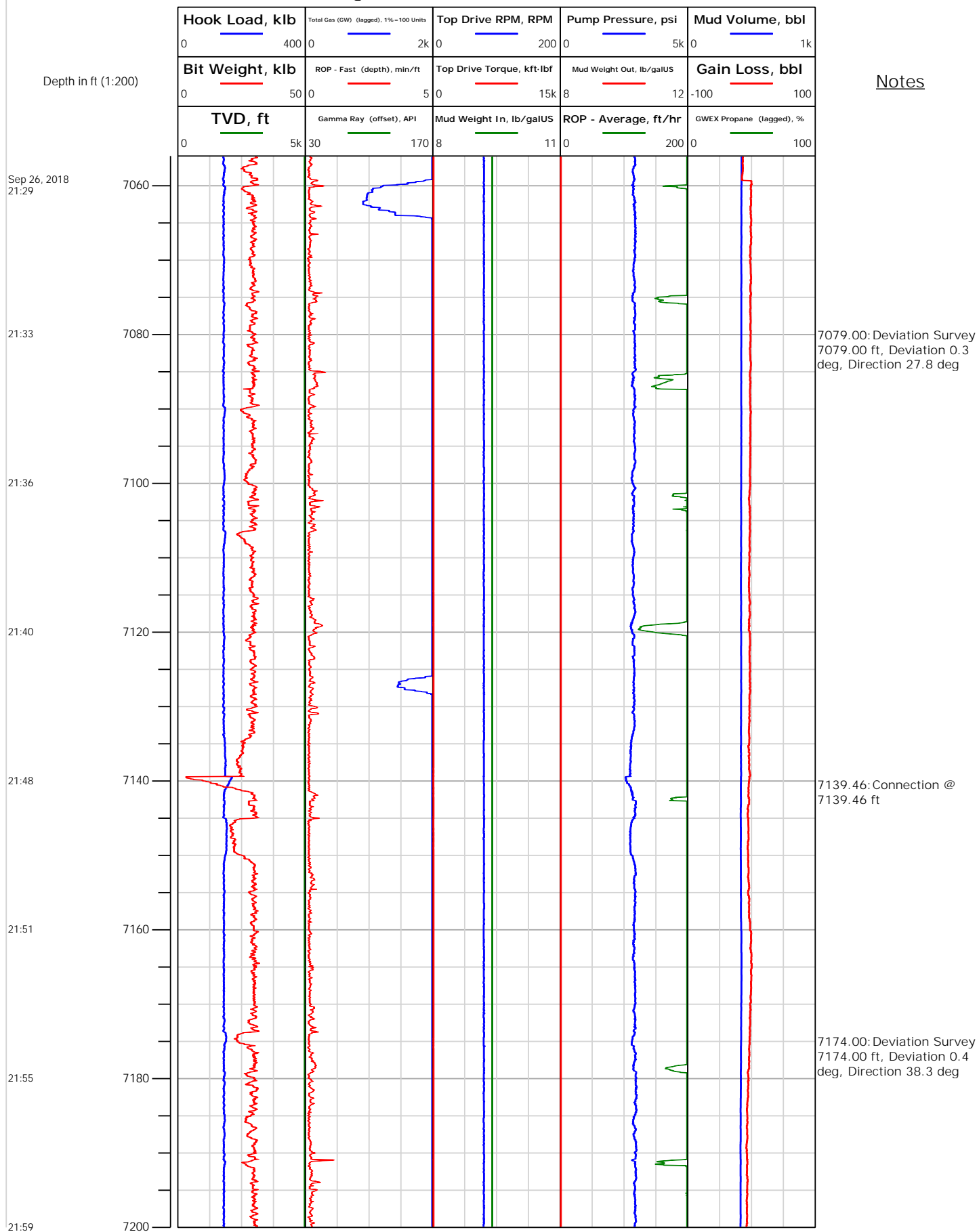
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Contractor: Helmerich & Payne Drlg Co

Well Name: BCU 0993-21-06W
Rig: 522

Location:

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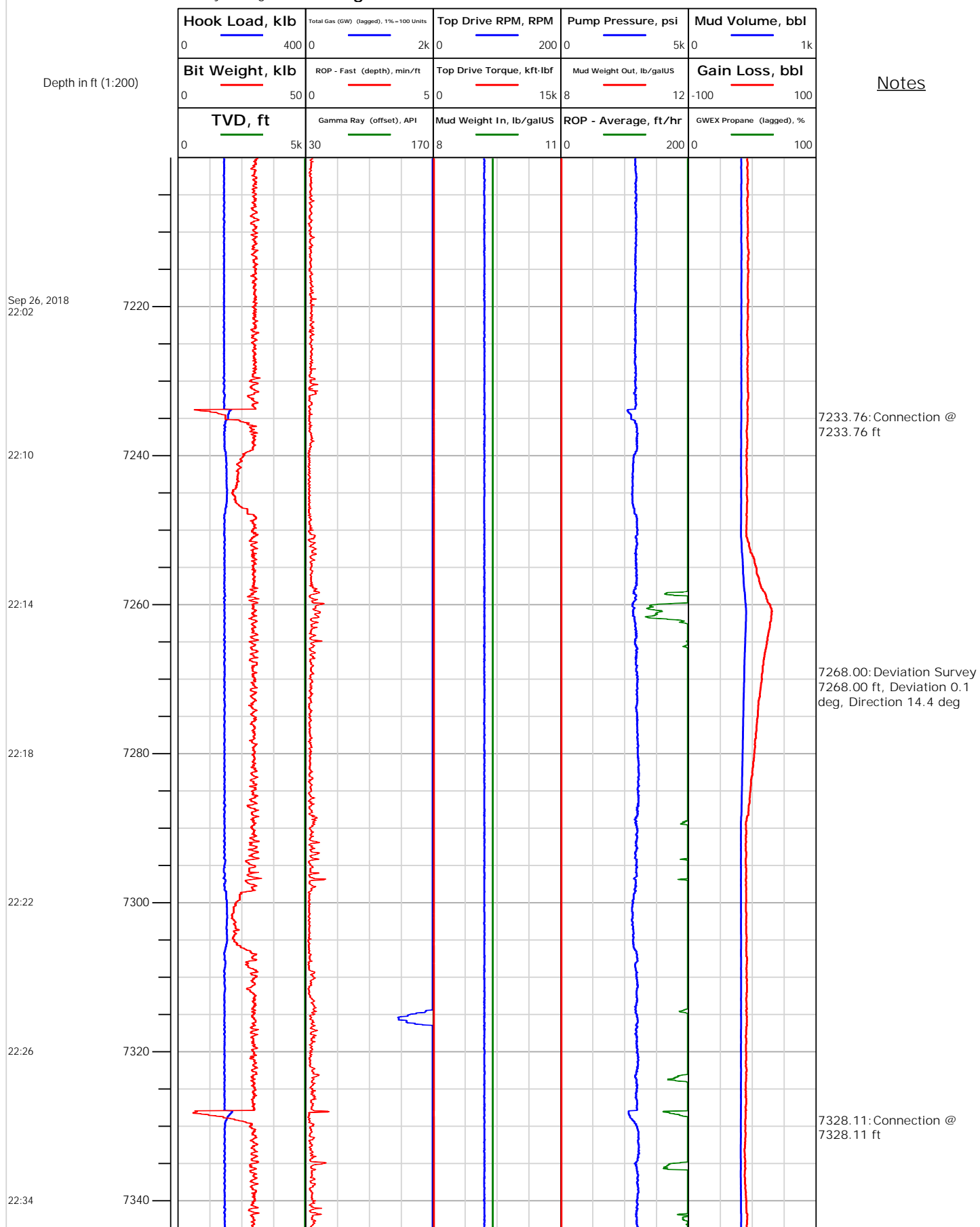
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Electronic Drilling Recorder

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Rig: 522

Location:

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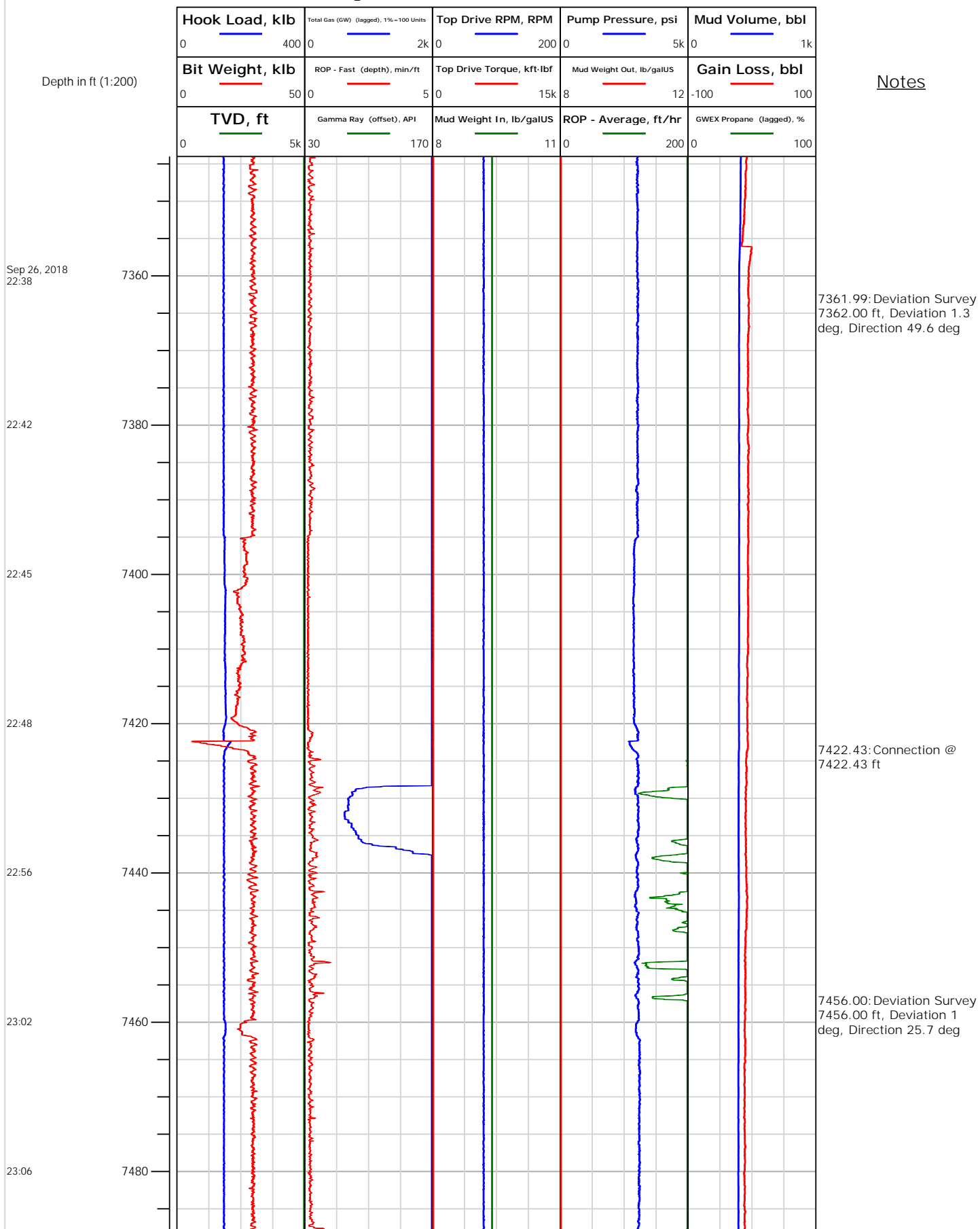
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Rig: 522

Location:

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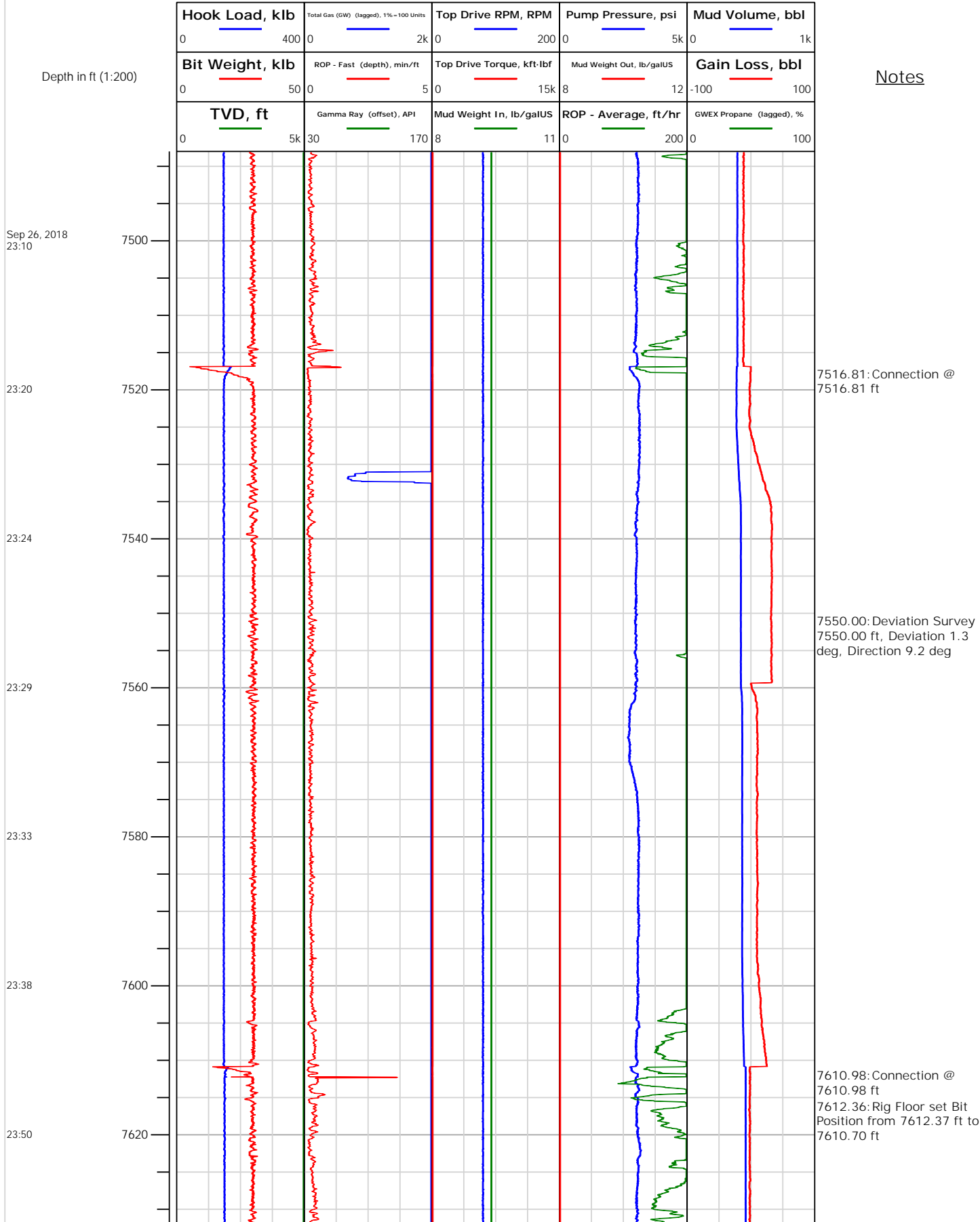
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Operator: Laramie Energy
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Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: BCU 0993-21-06W
Rig: 522

Location:

Notes

