



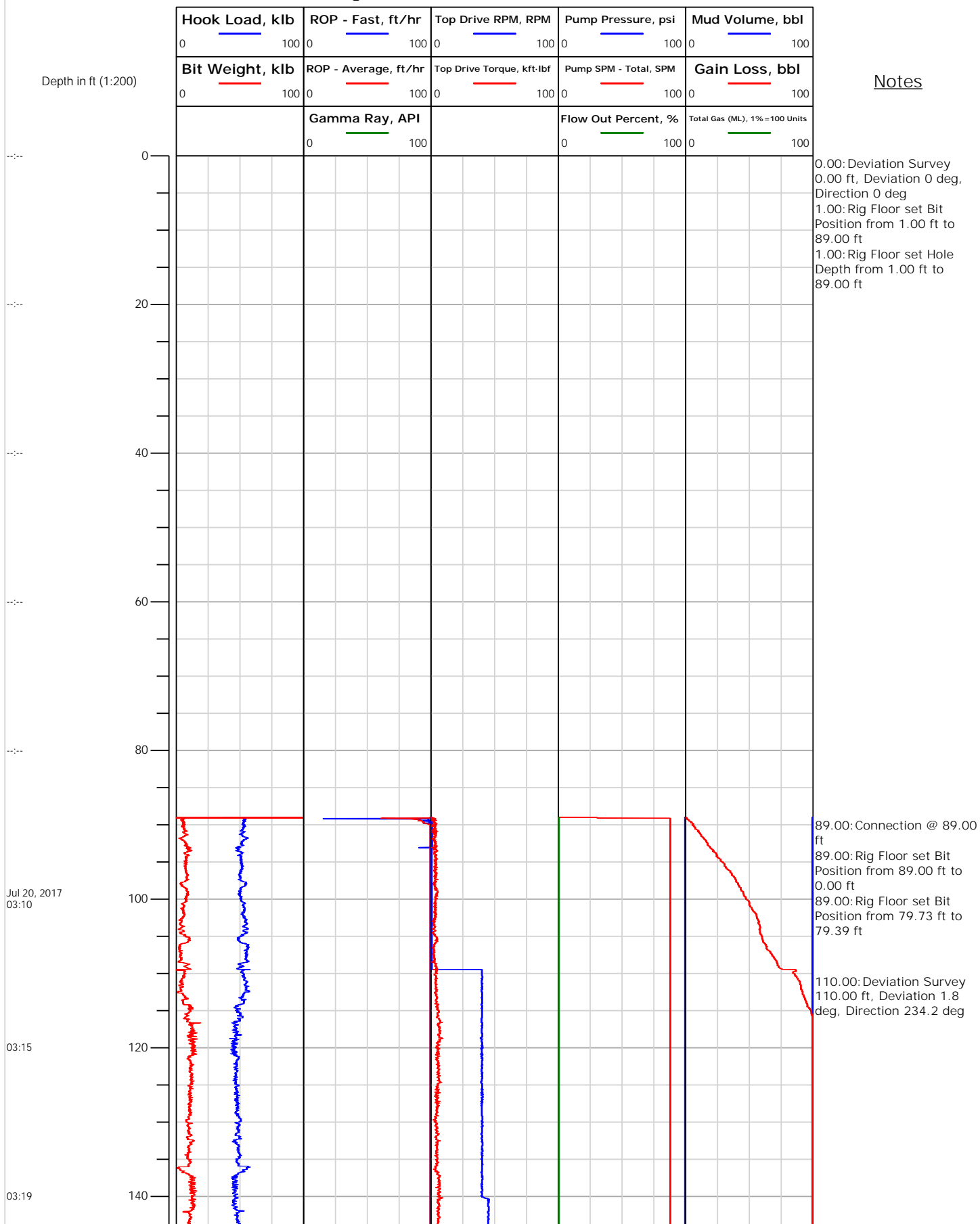
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





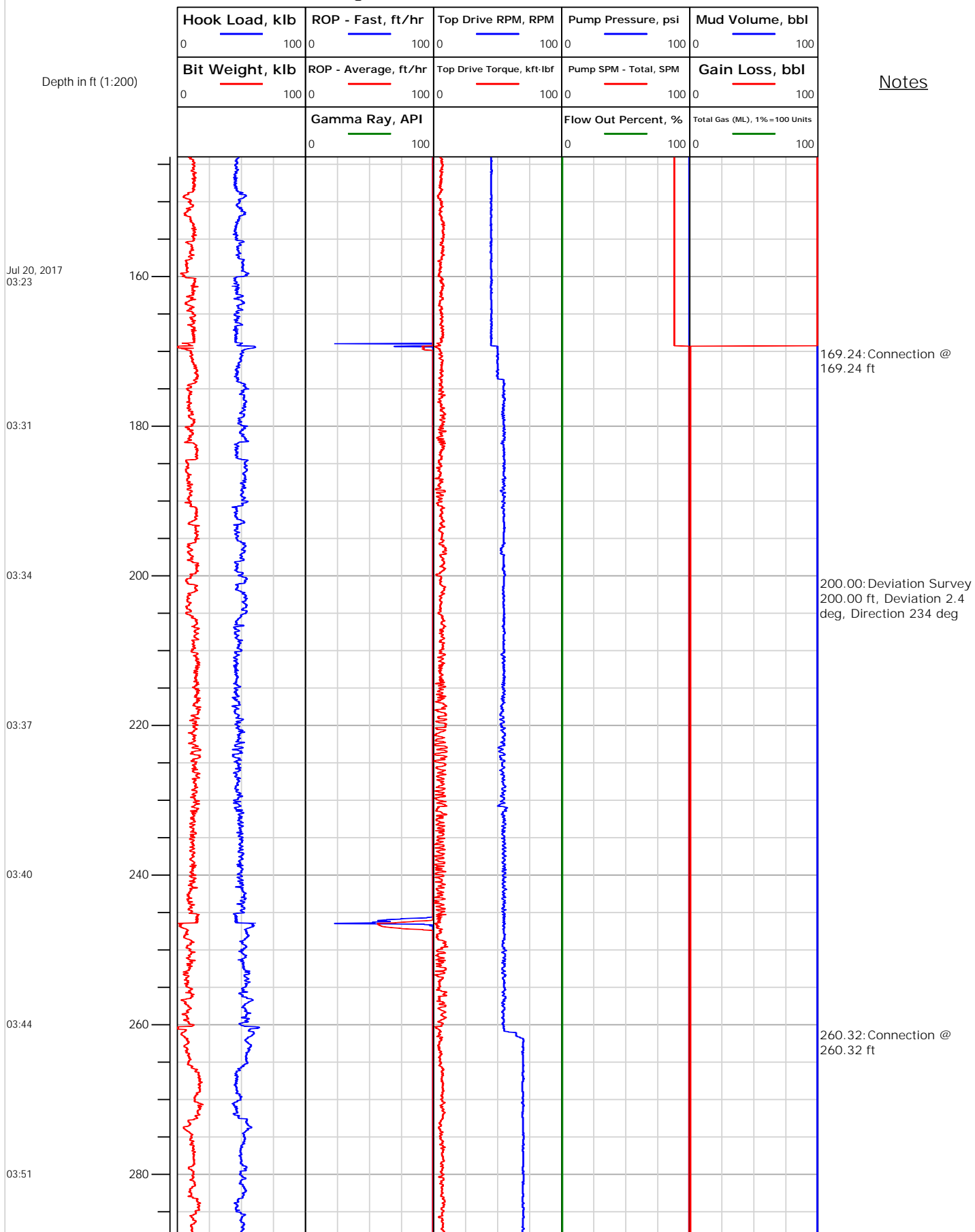
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





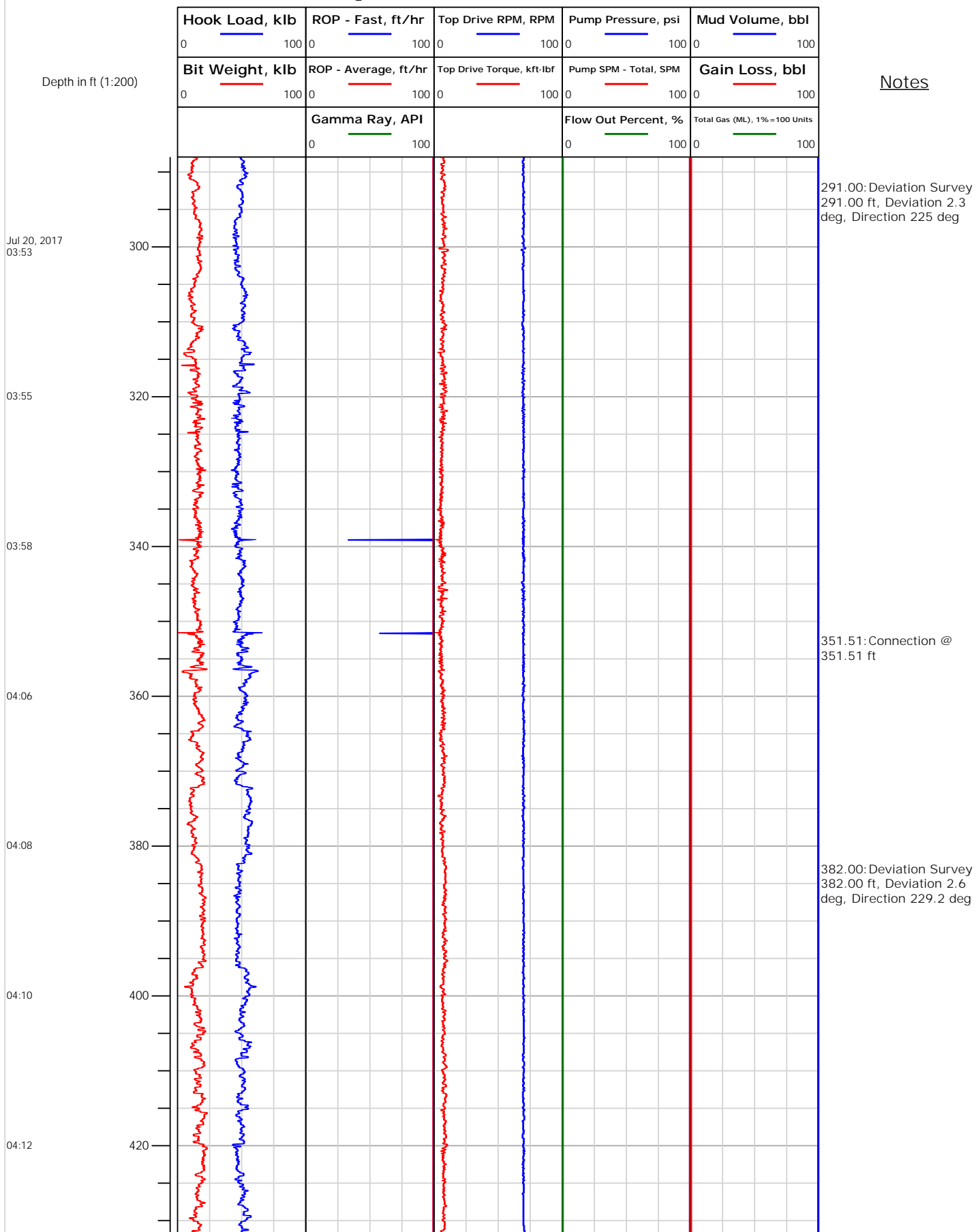
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





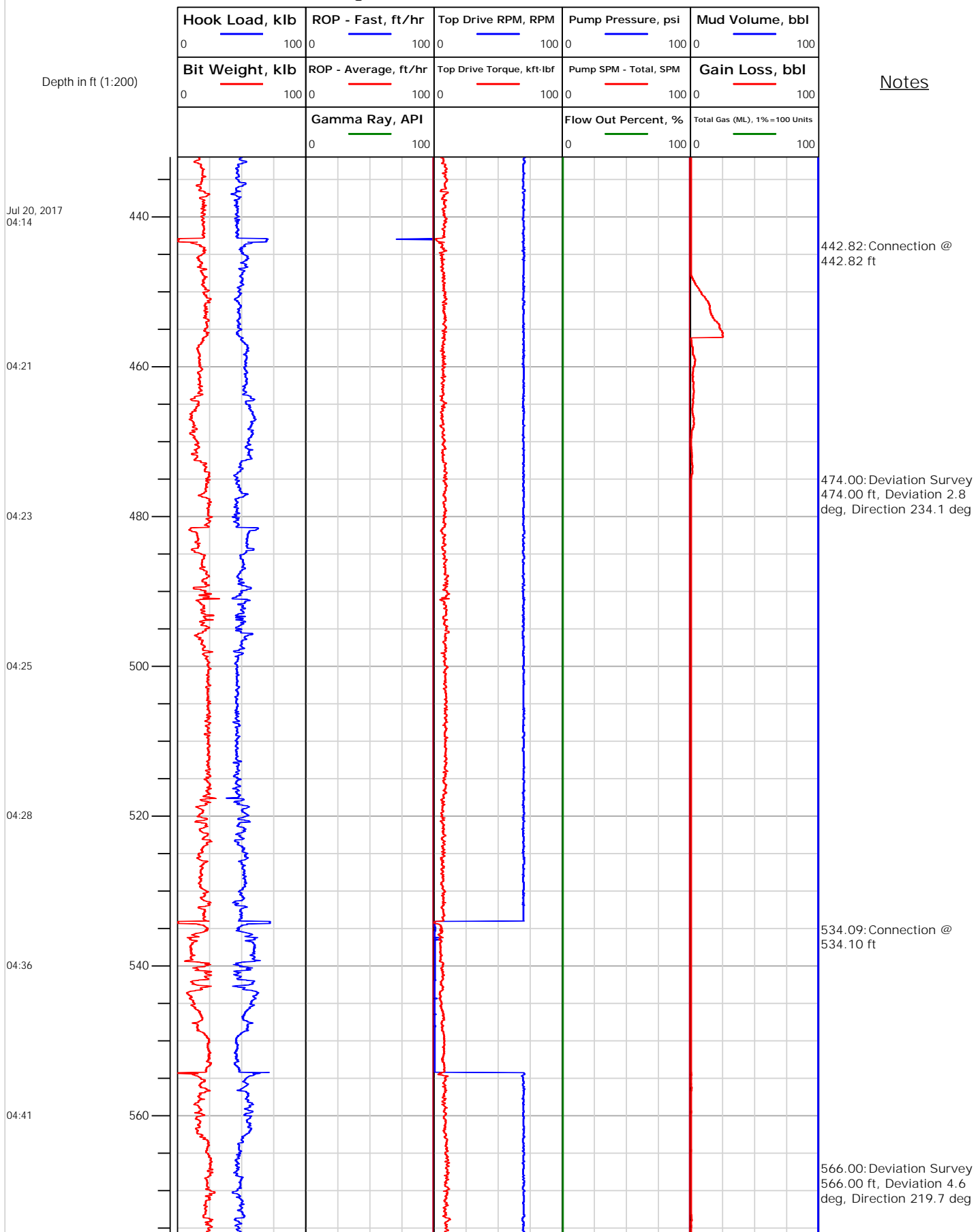
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





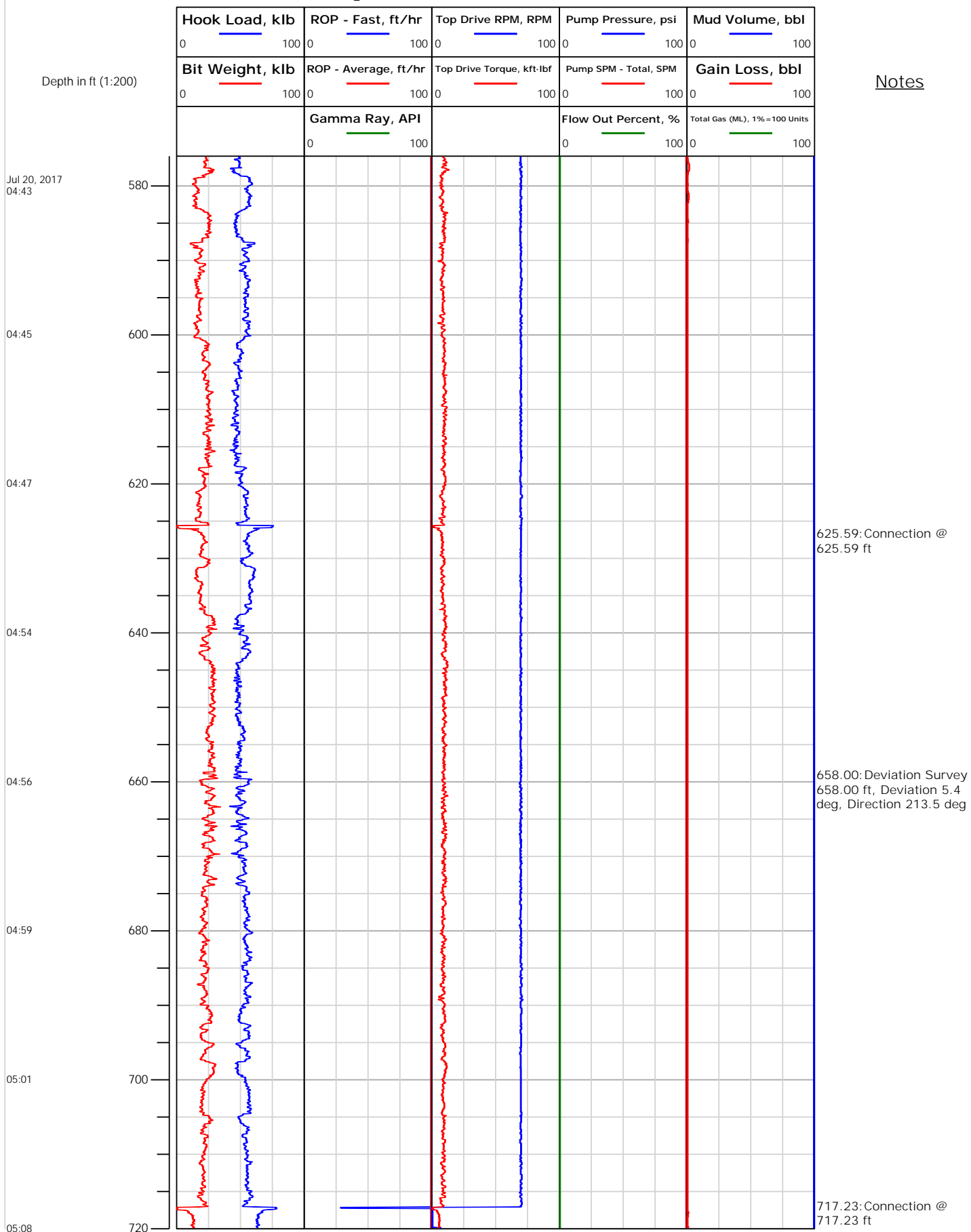
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





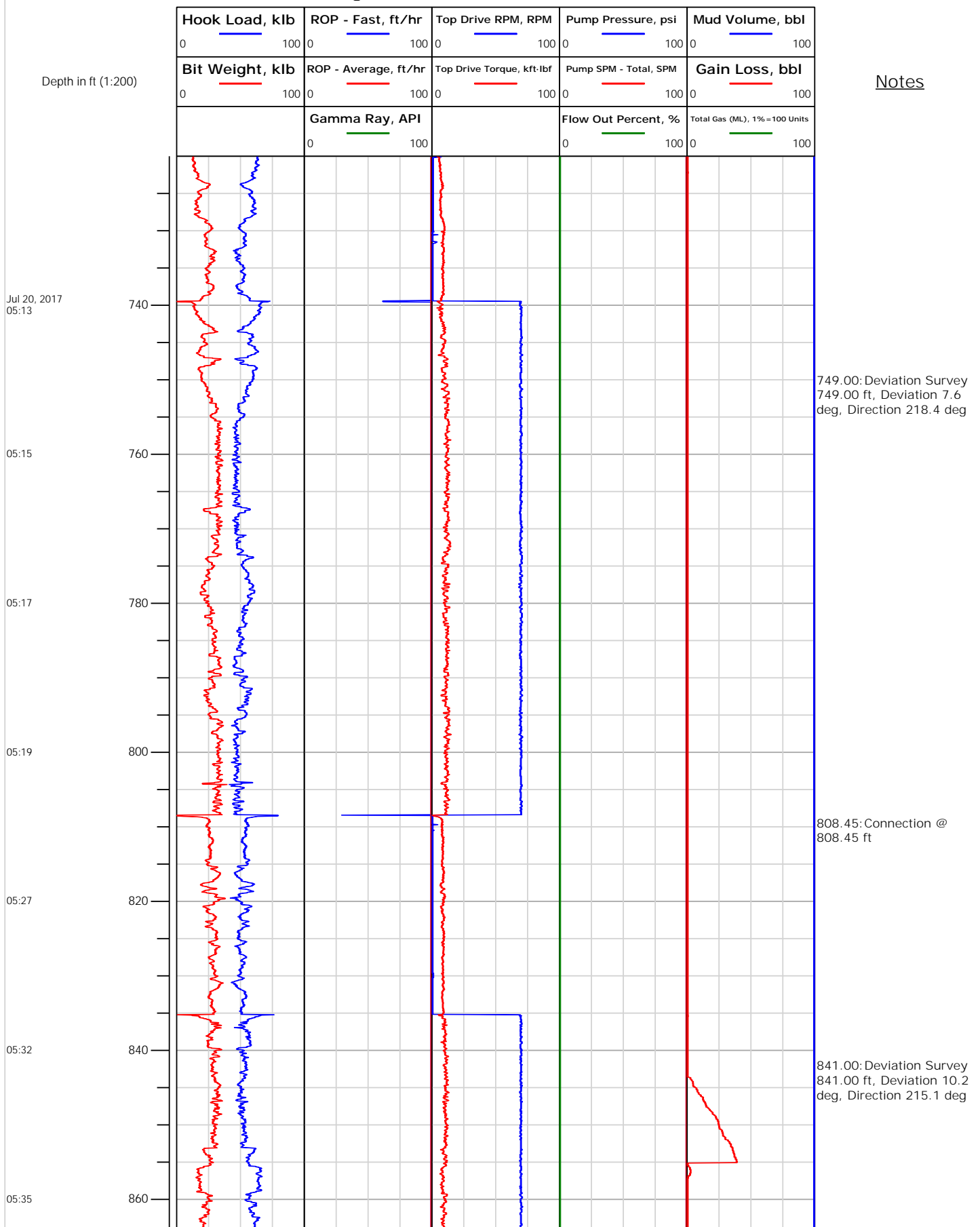
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





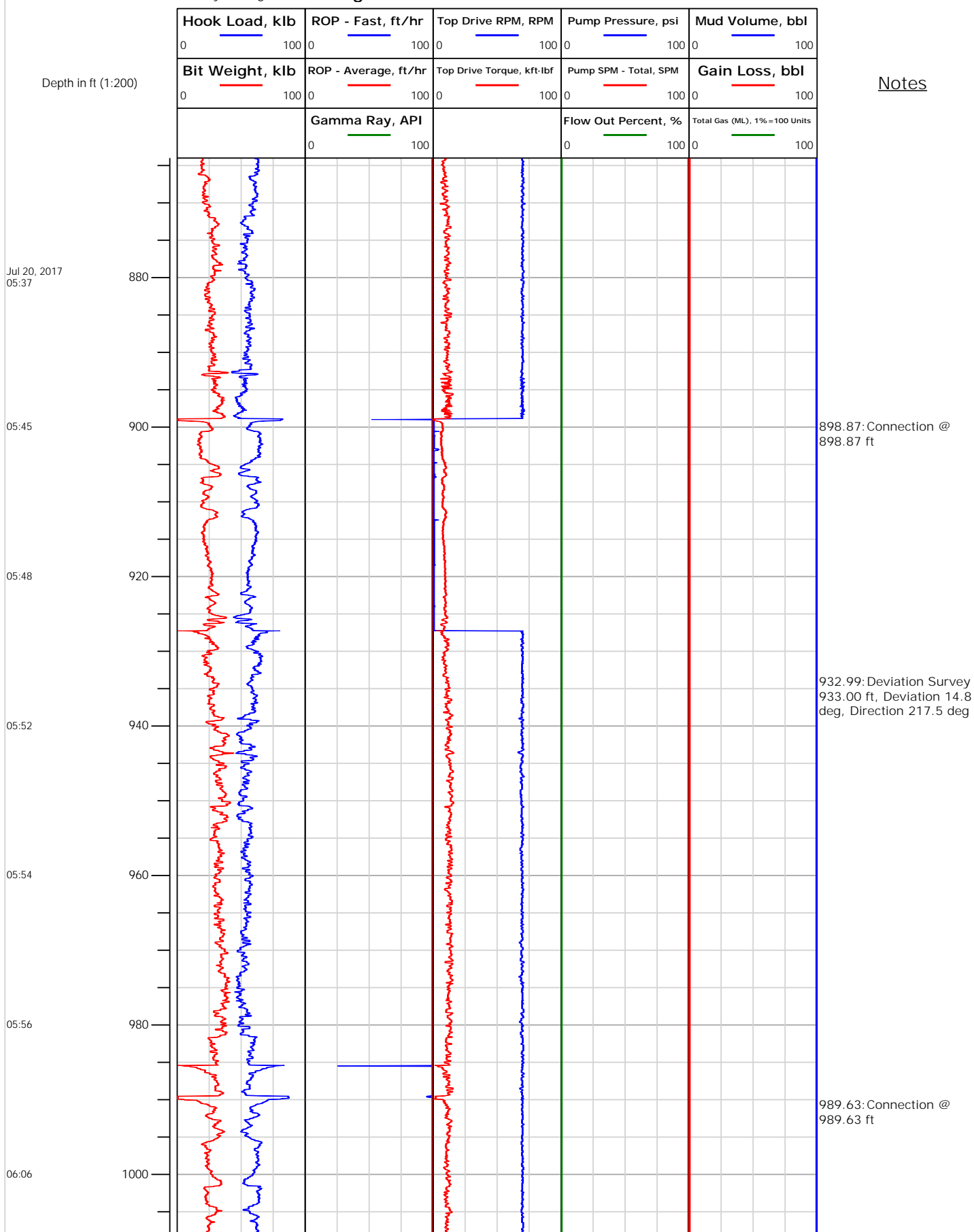
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





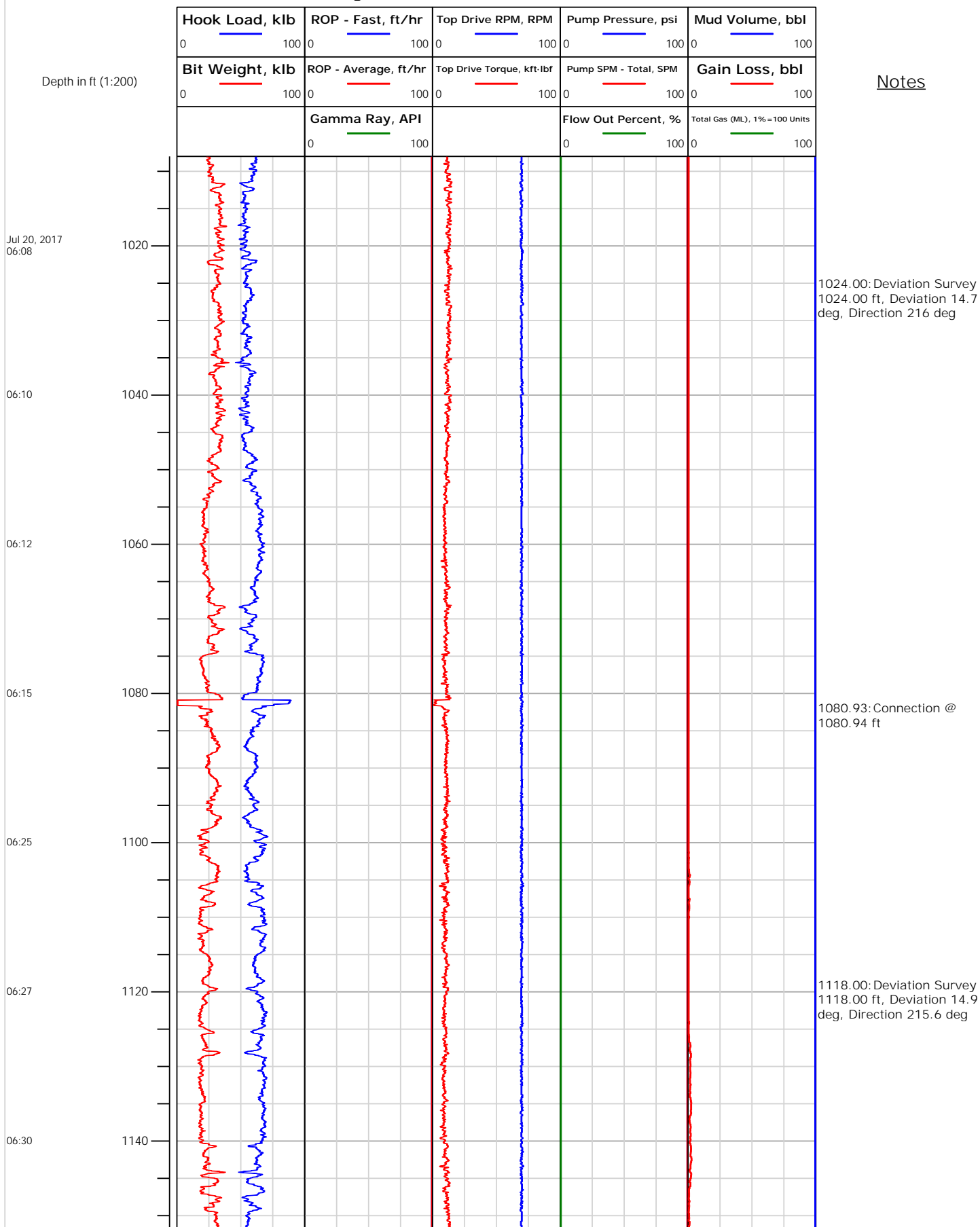
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





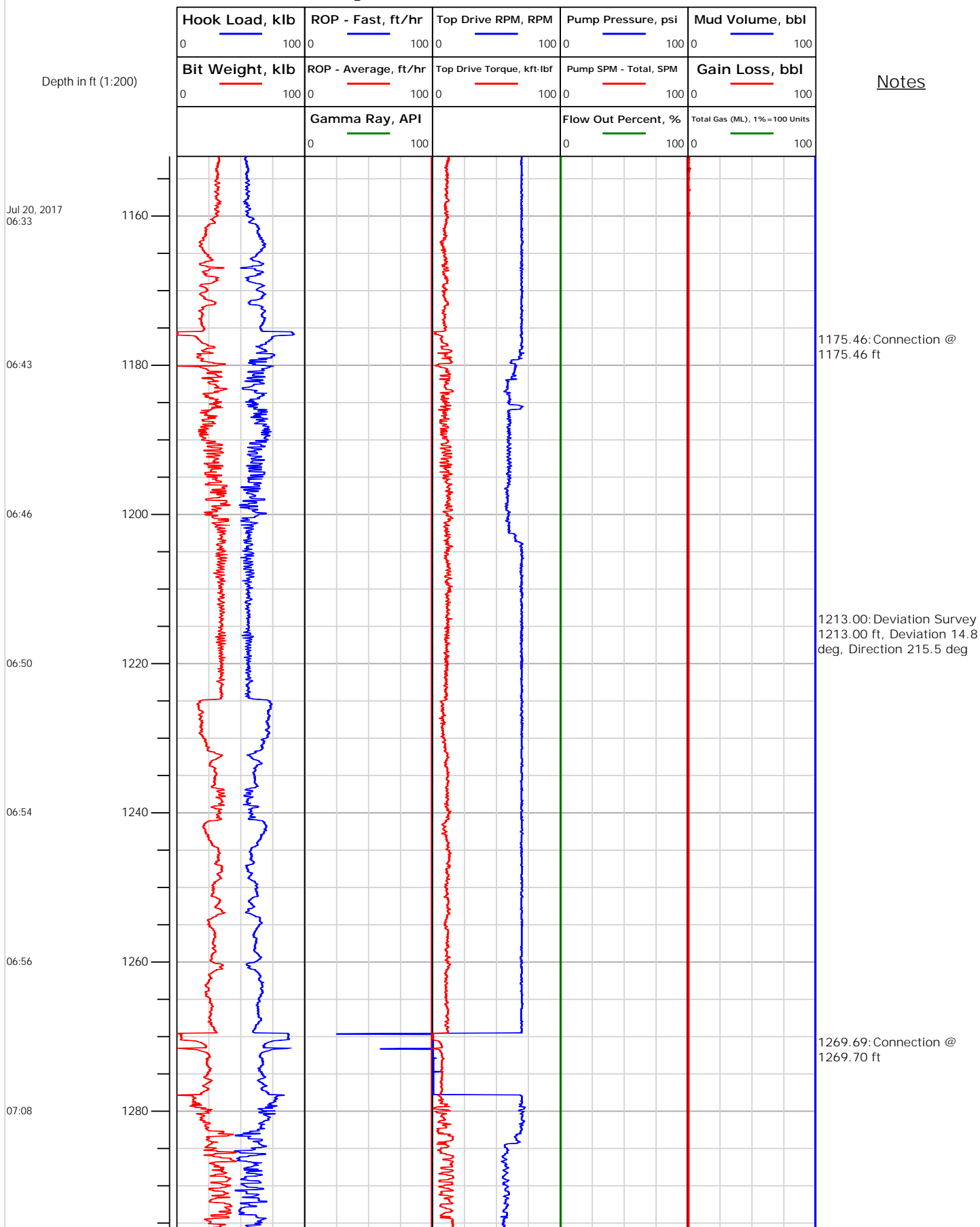
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





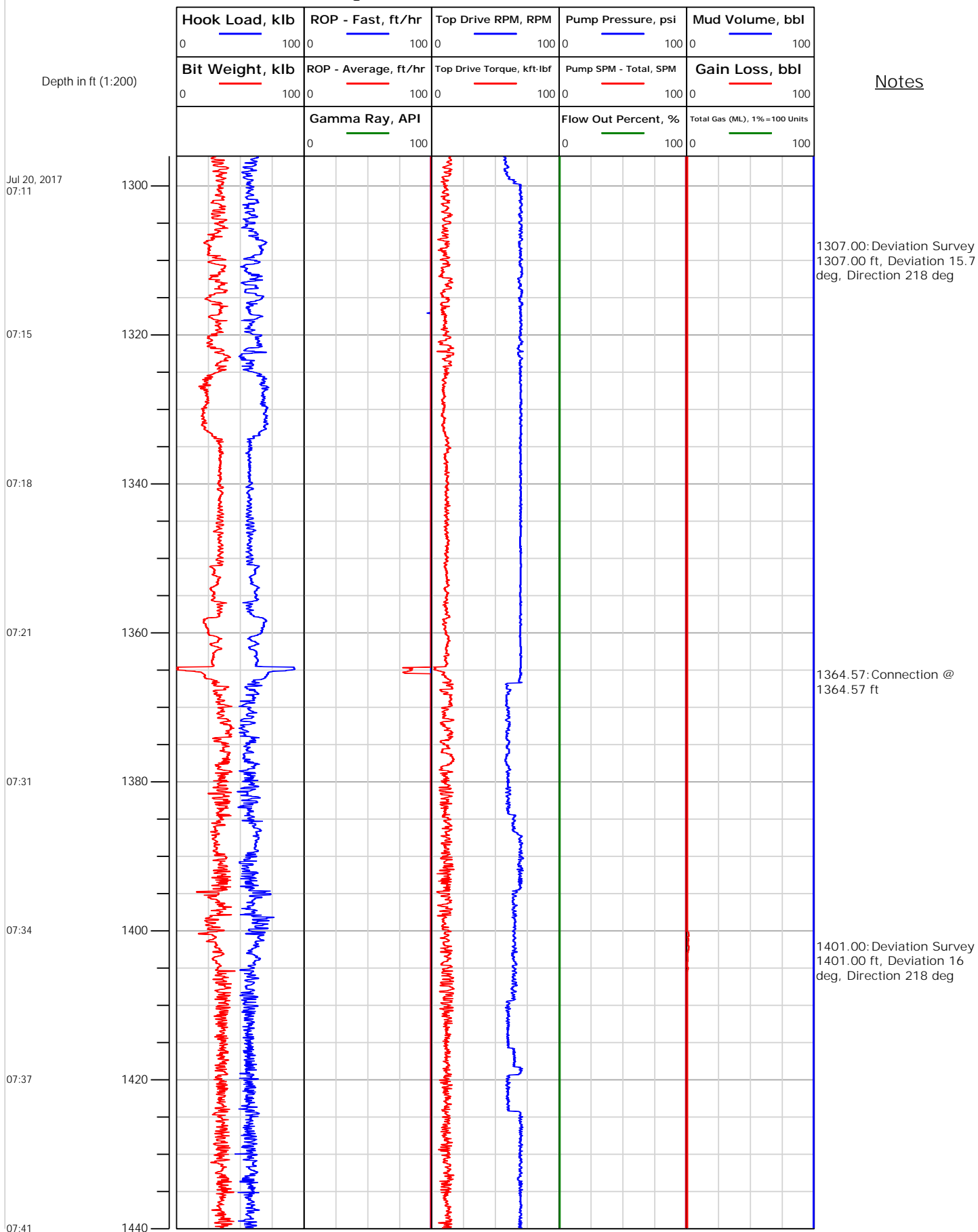
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





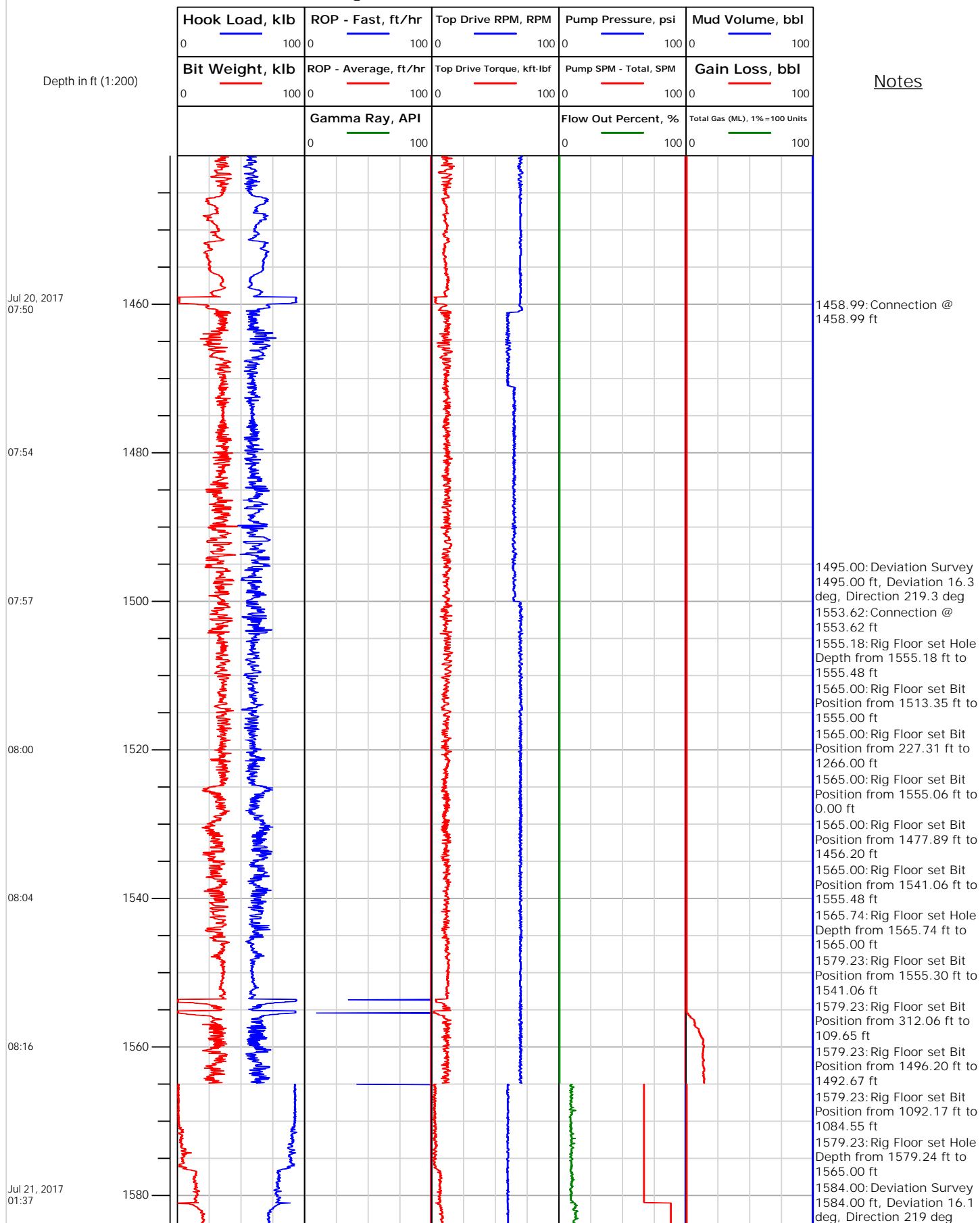
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





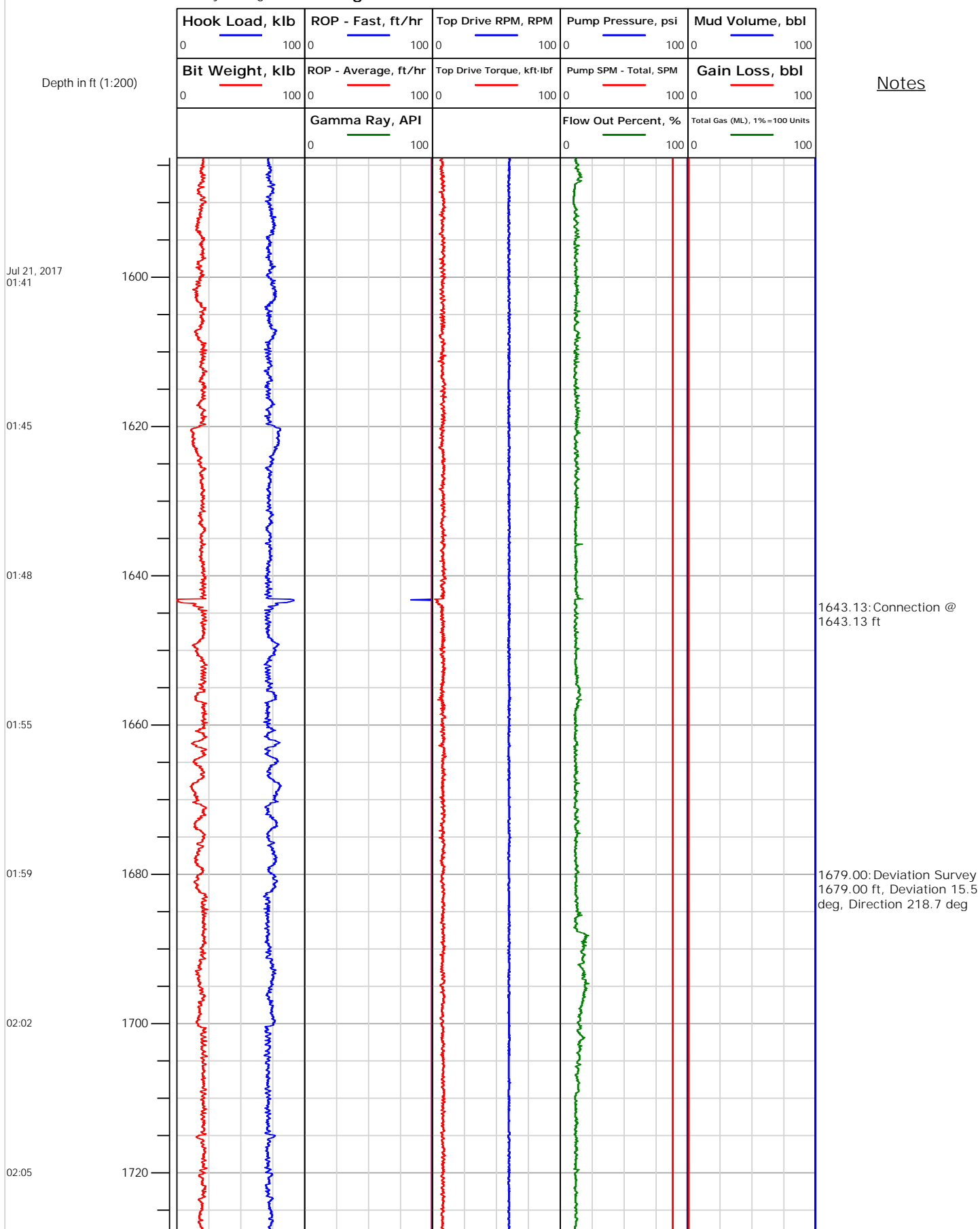
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





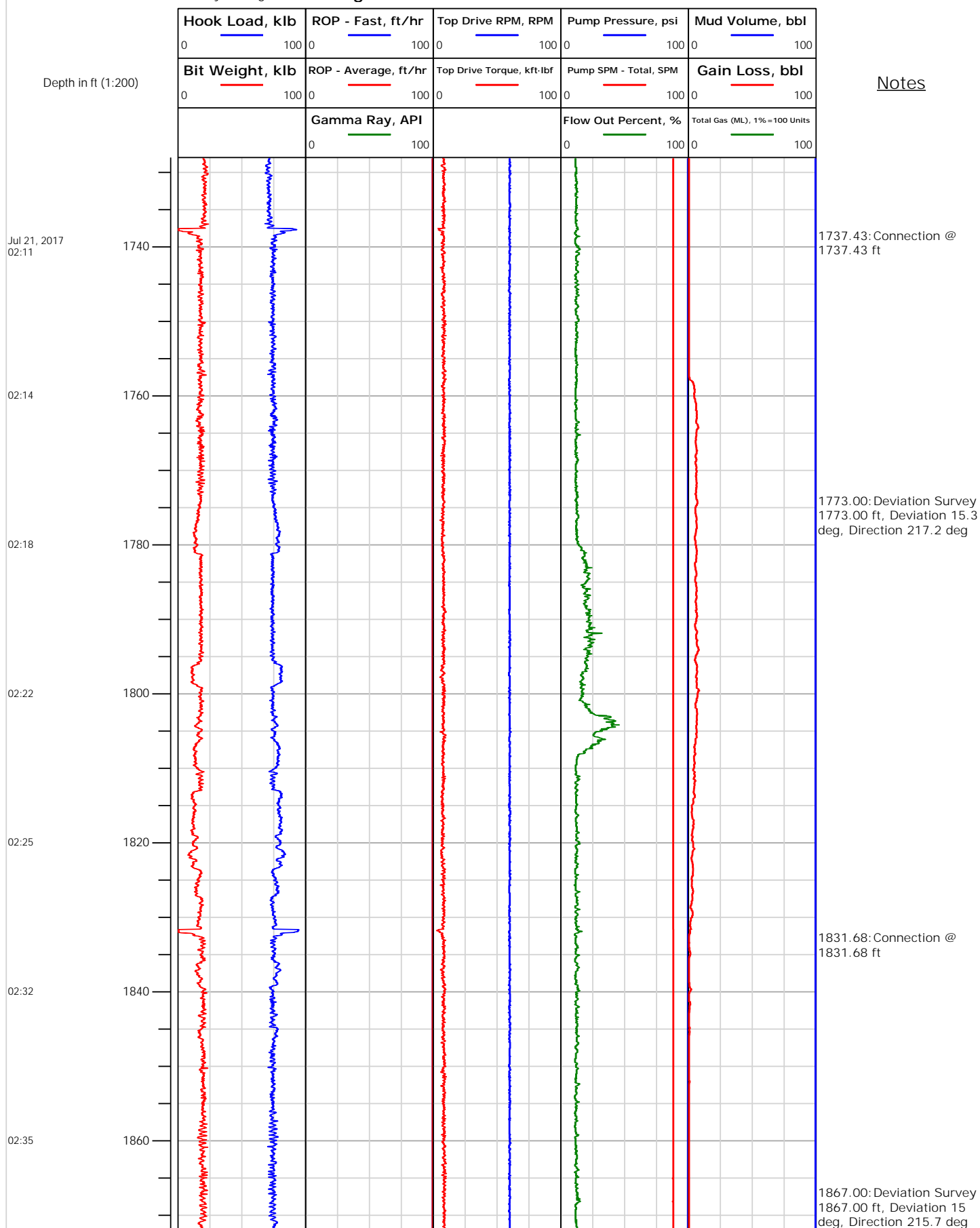
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





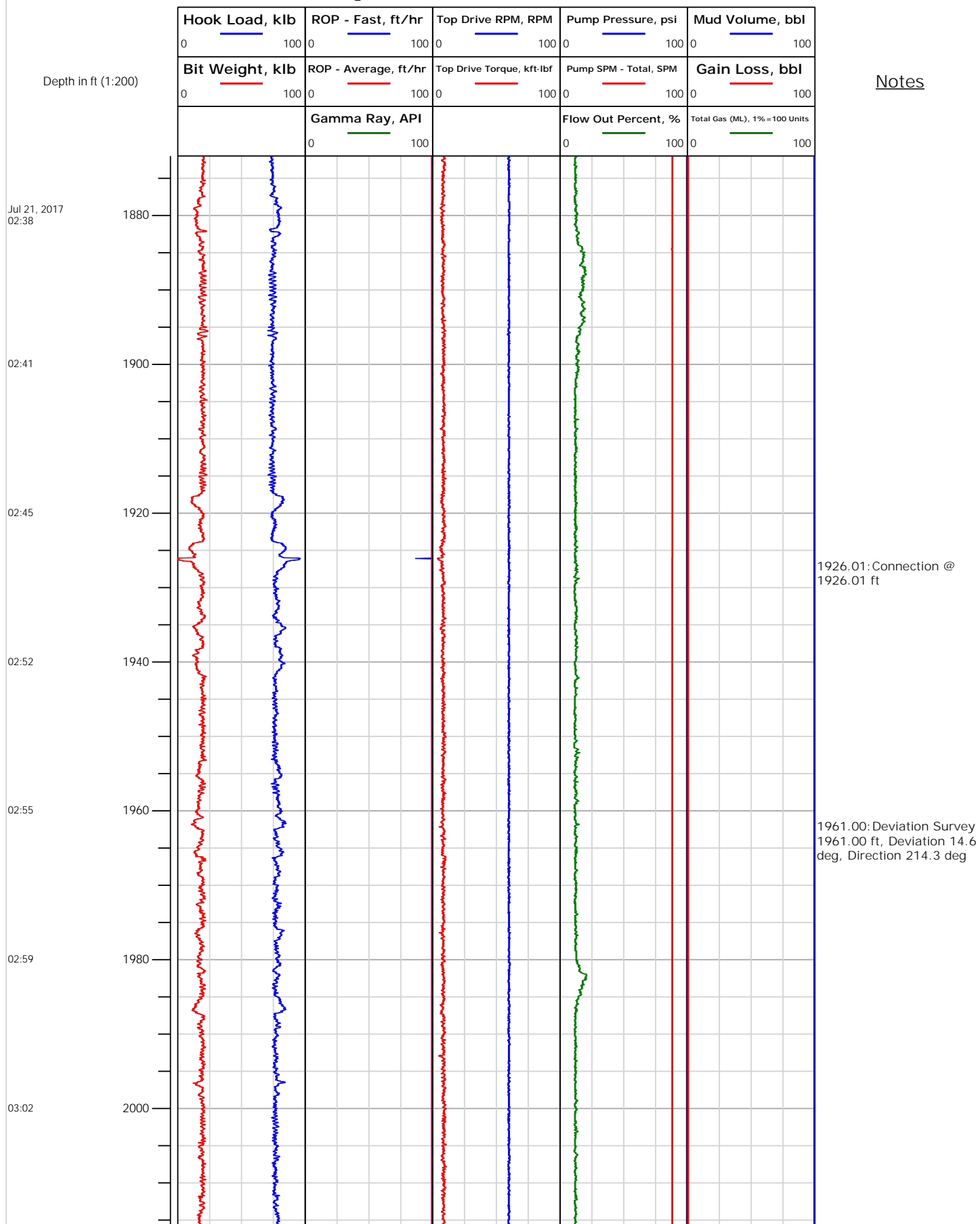
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes



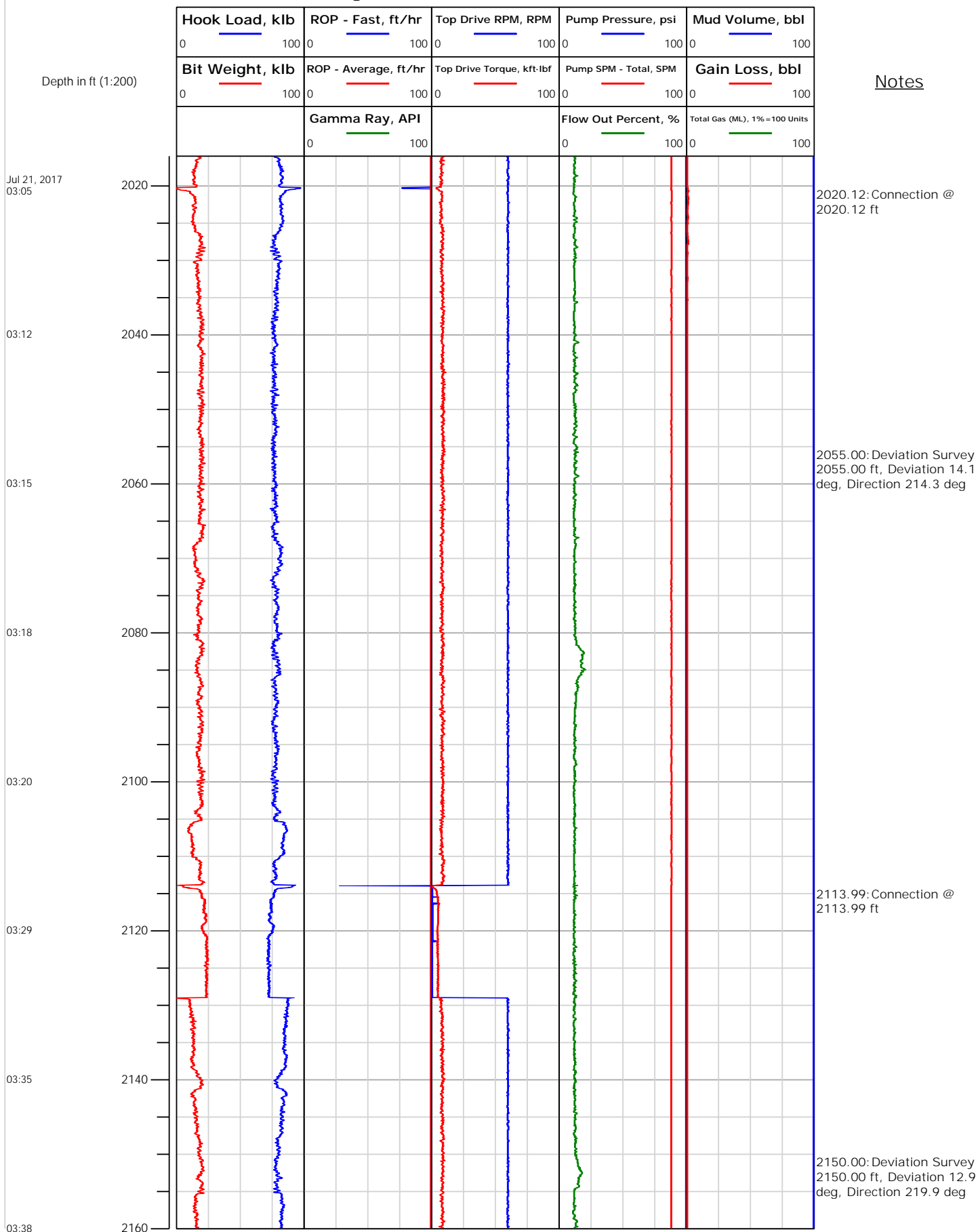


Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:





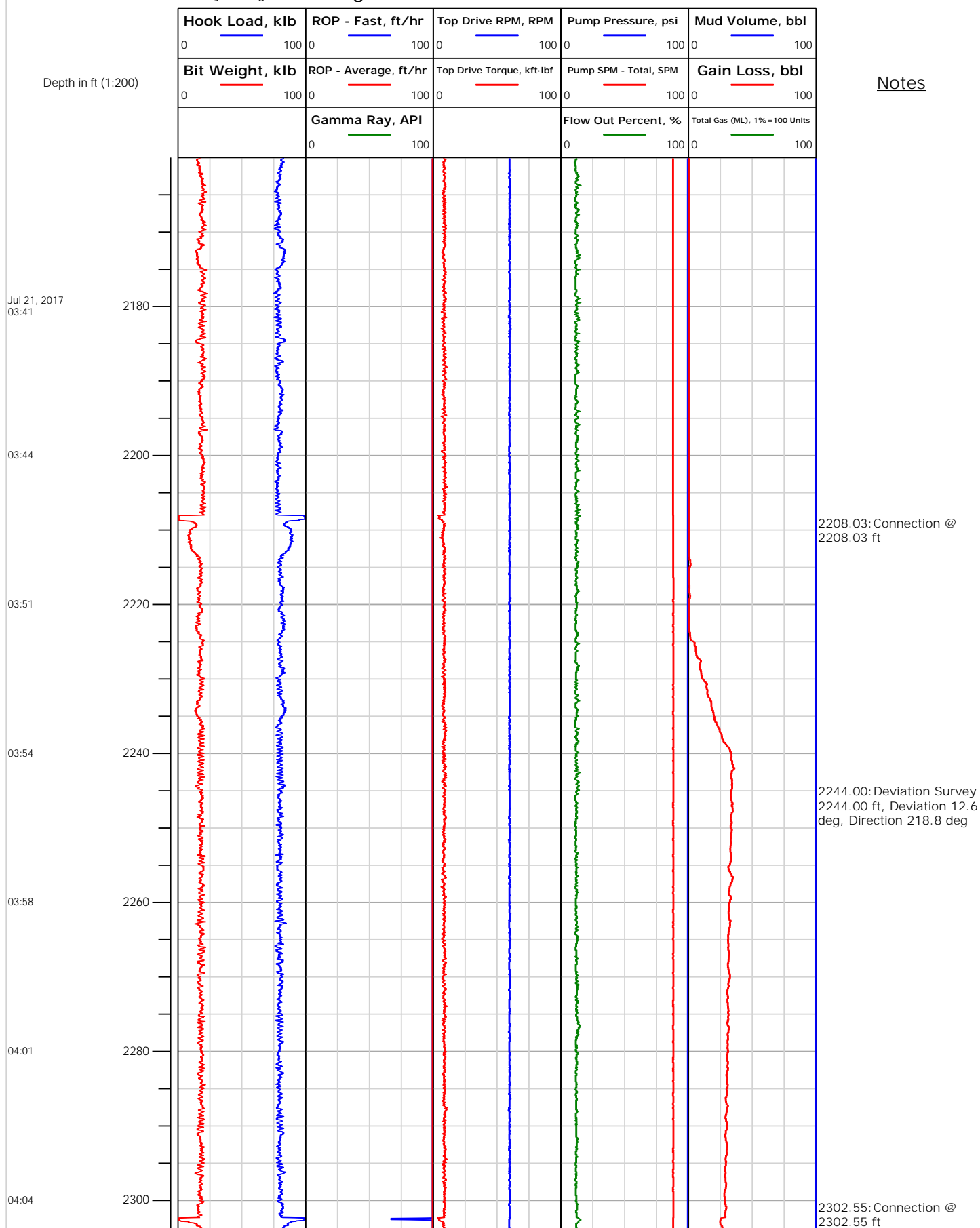
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Contractor: Helmerich & Payne Drlg Co

Electronic Drilling Recorder

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





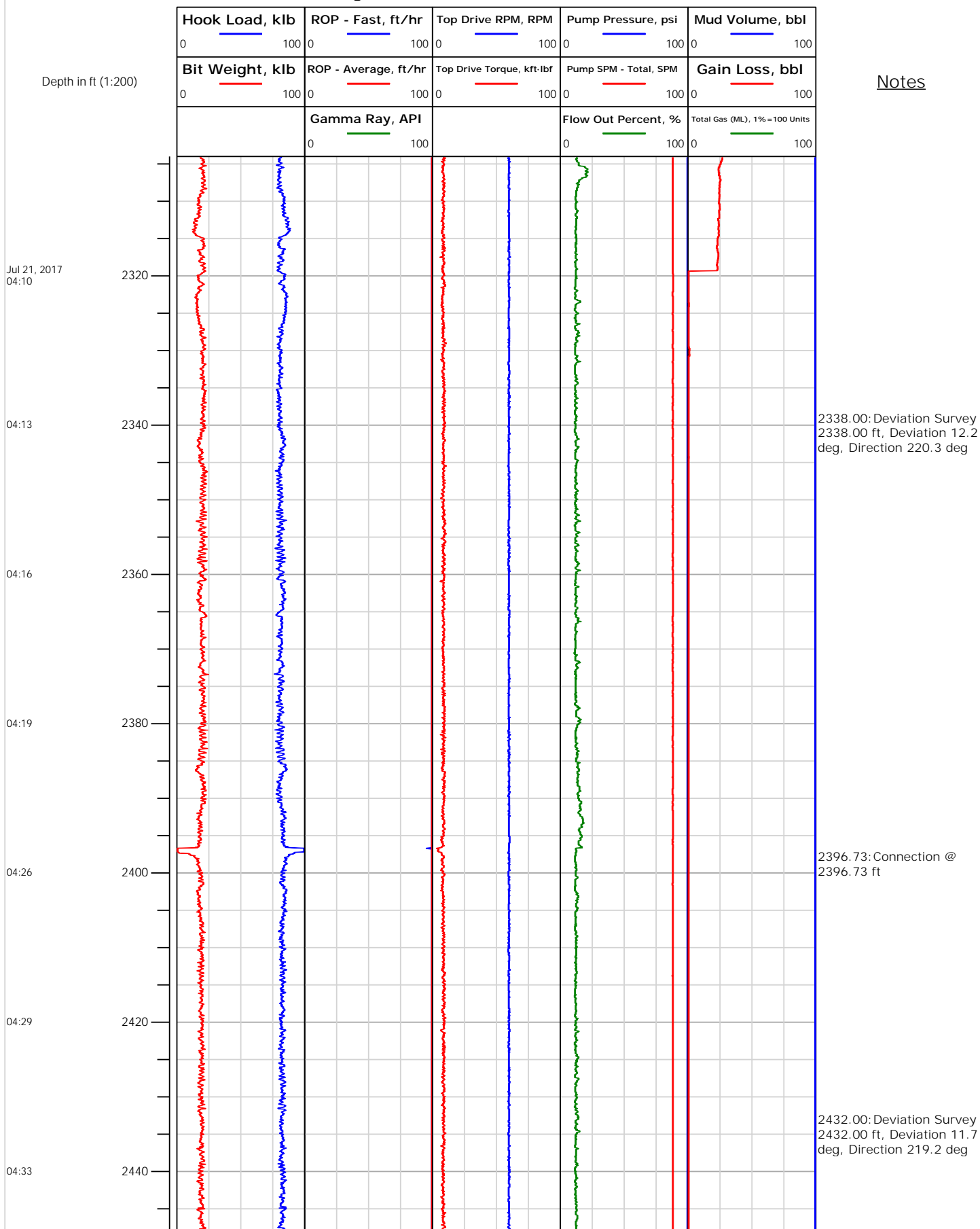
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





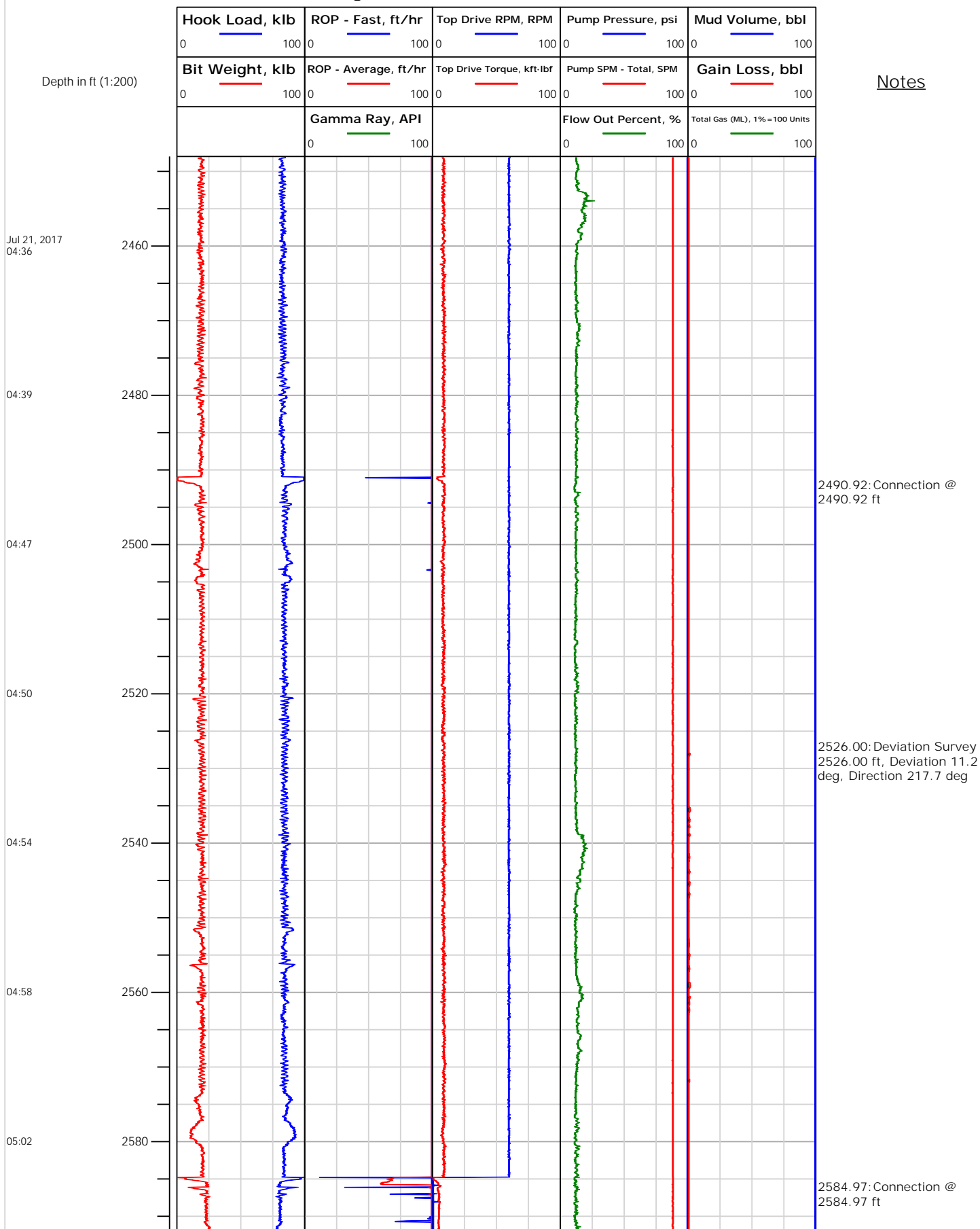
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





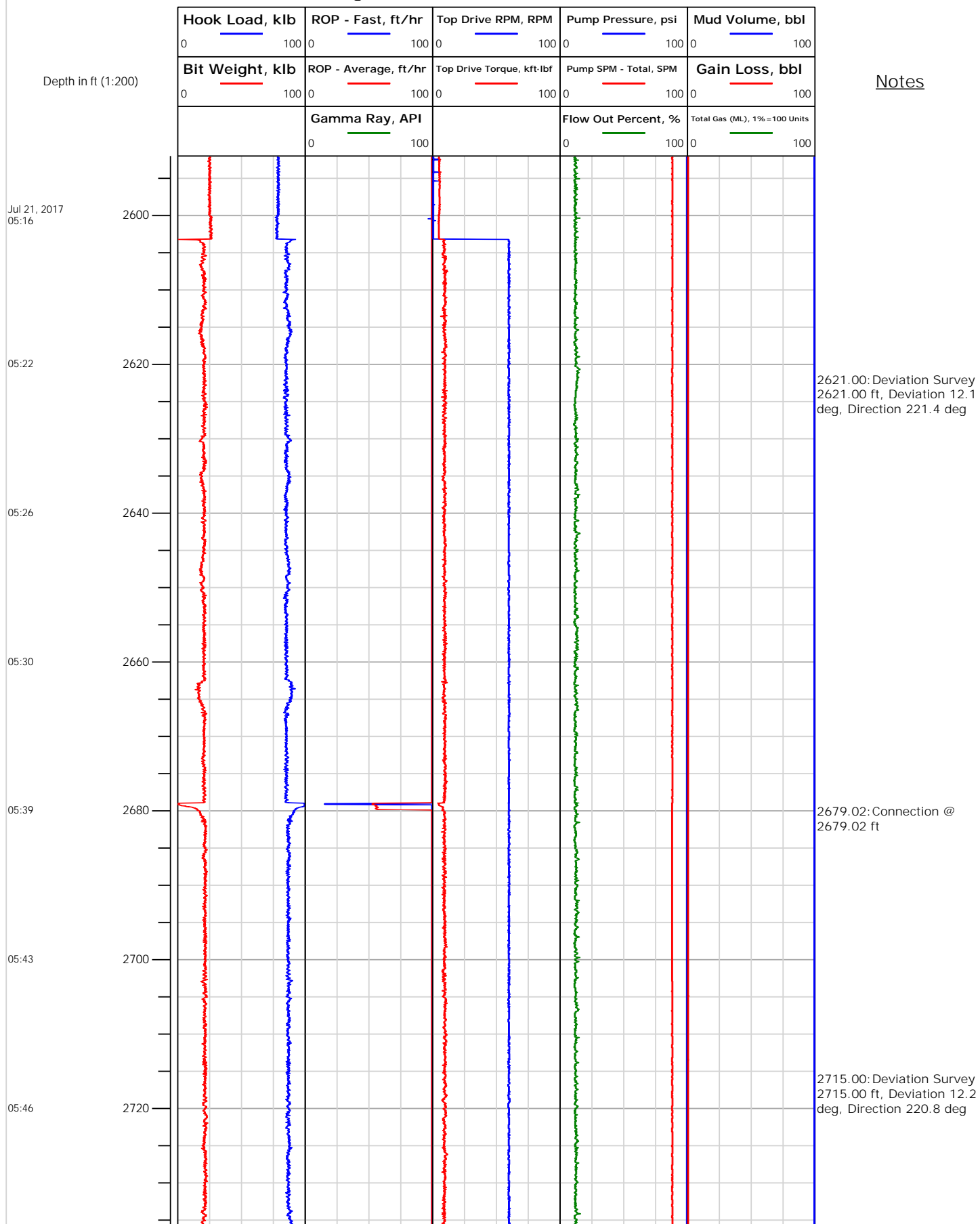
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





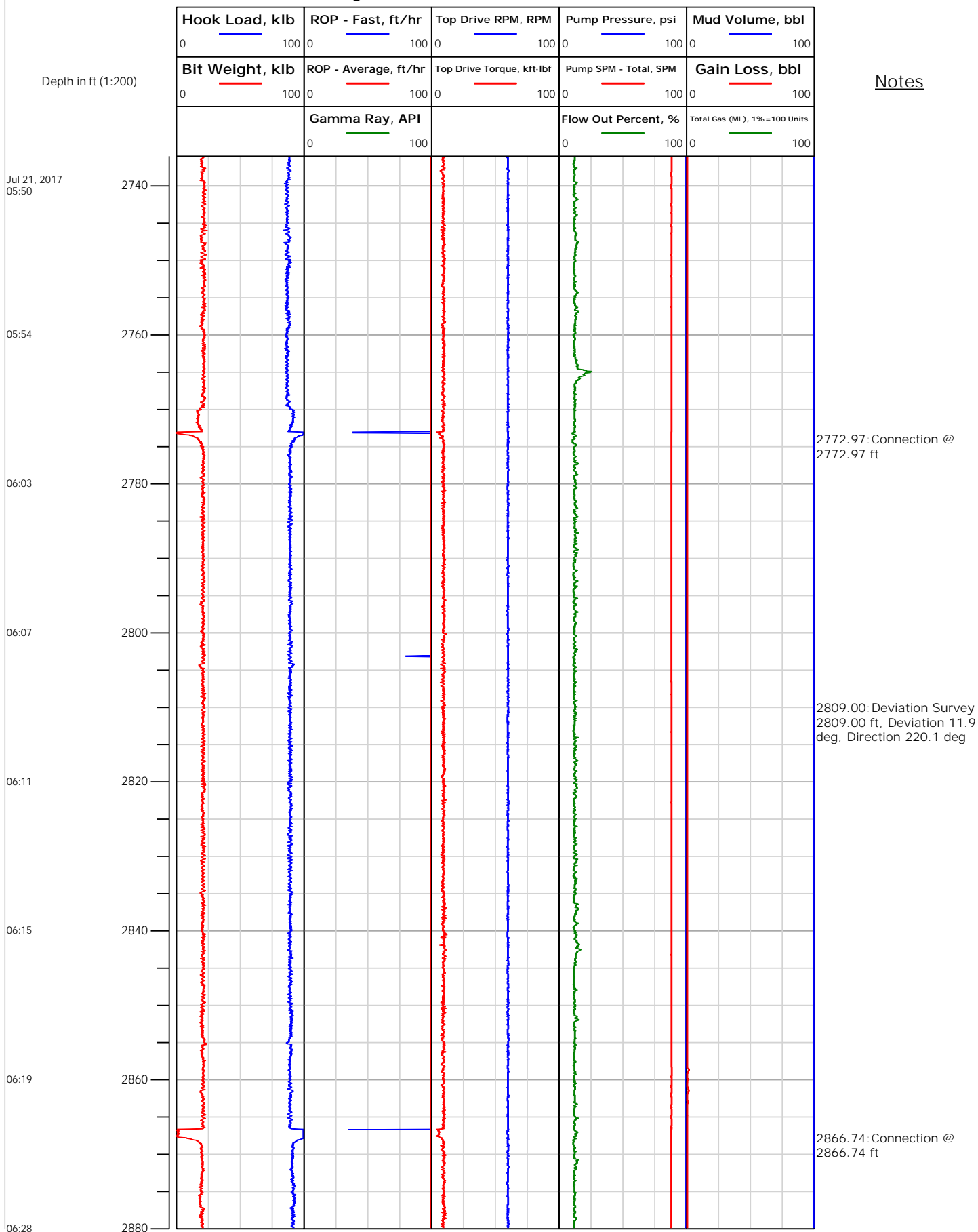
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





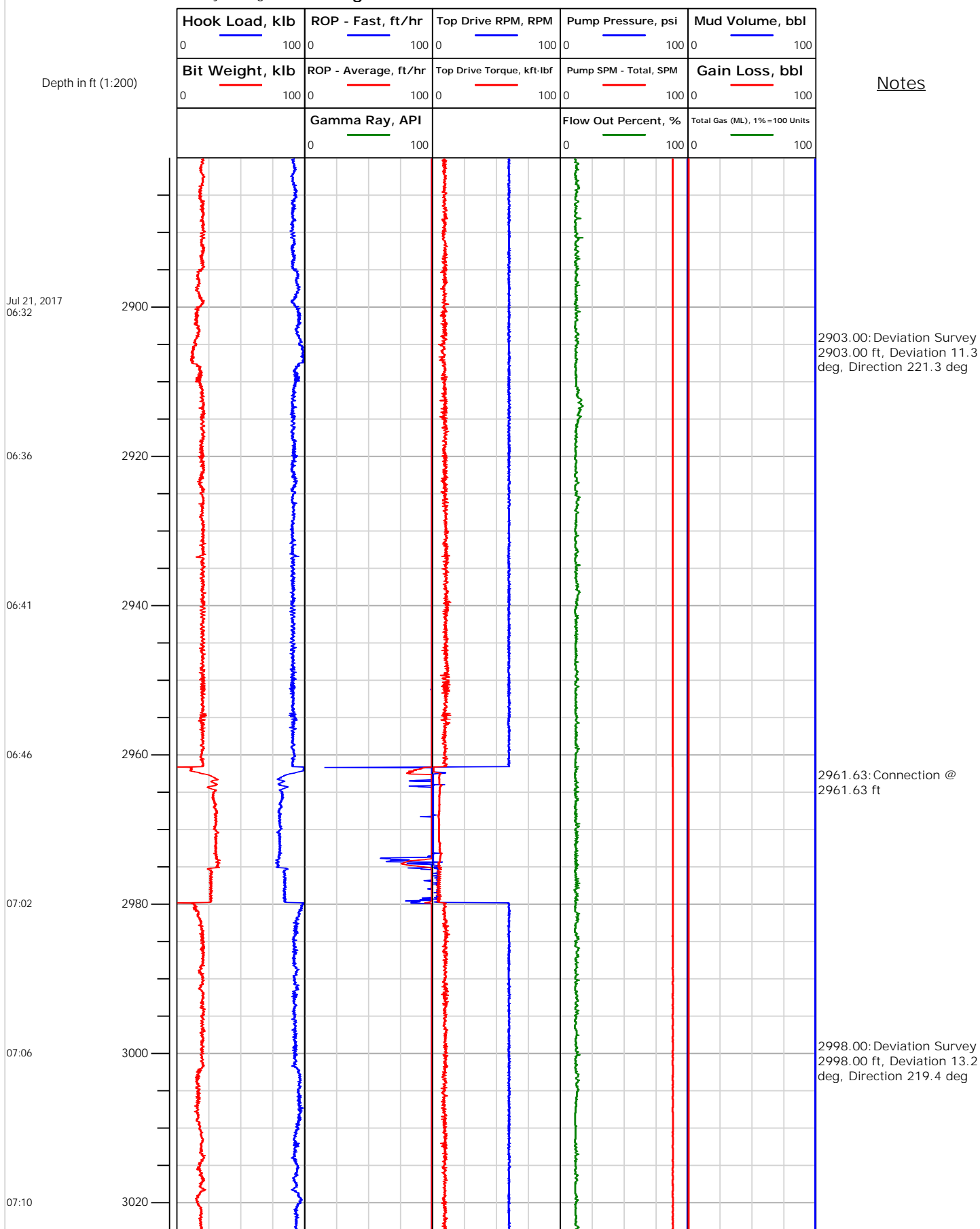
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Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





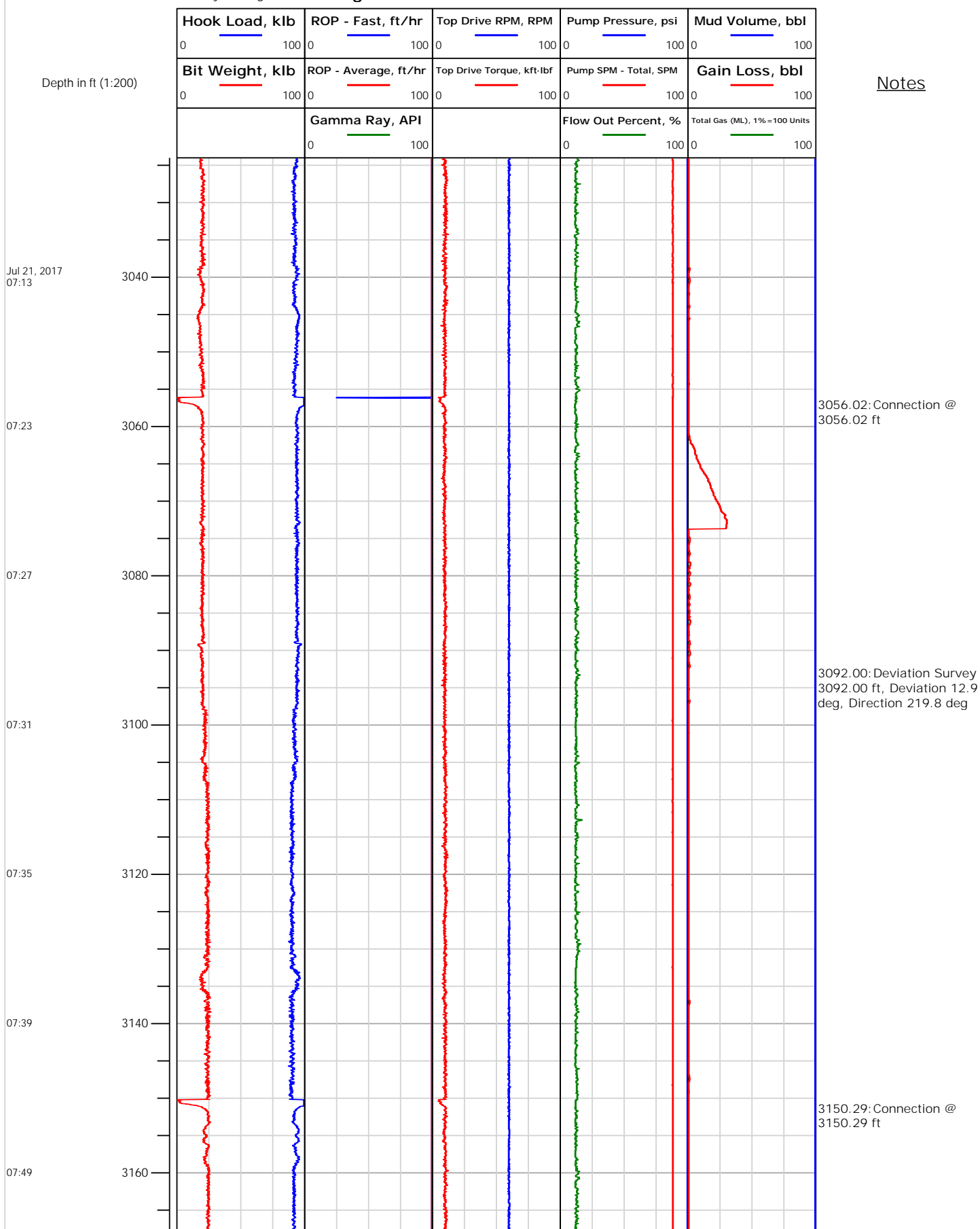
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Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





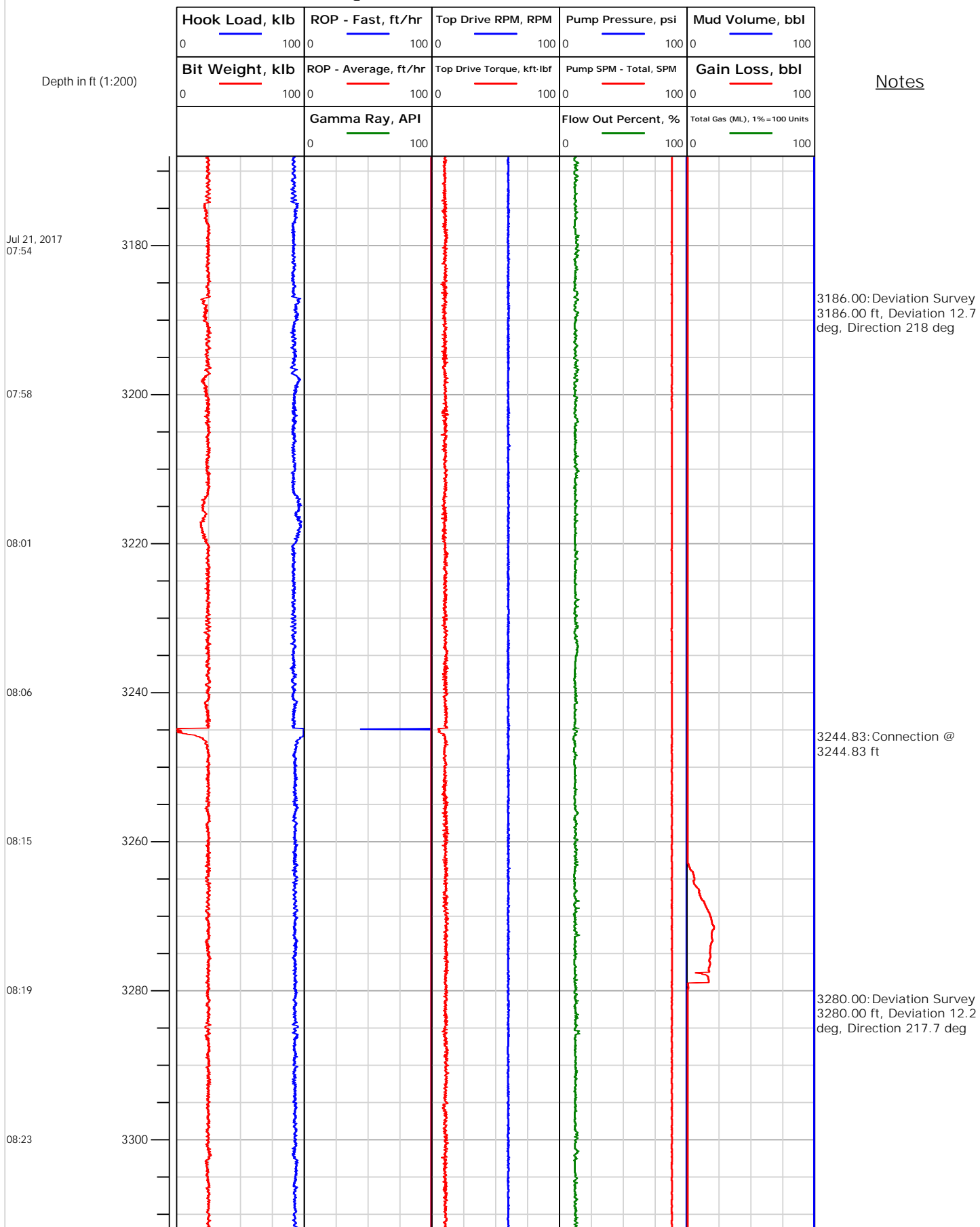
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





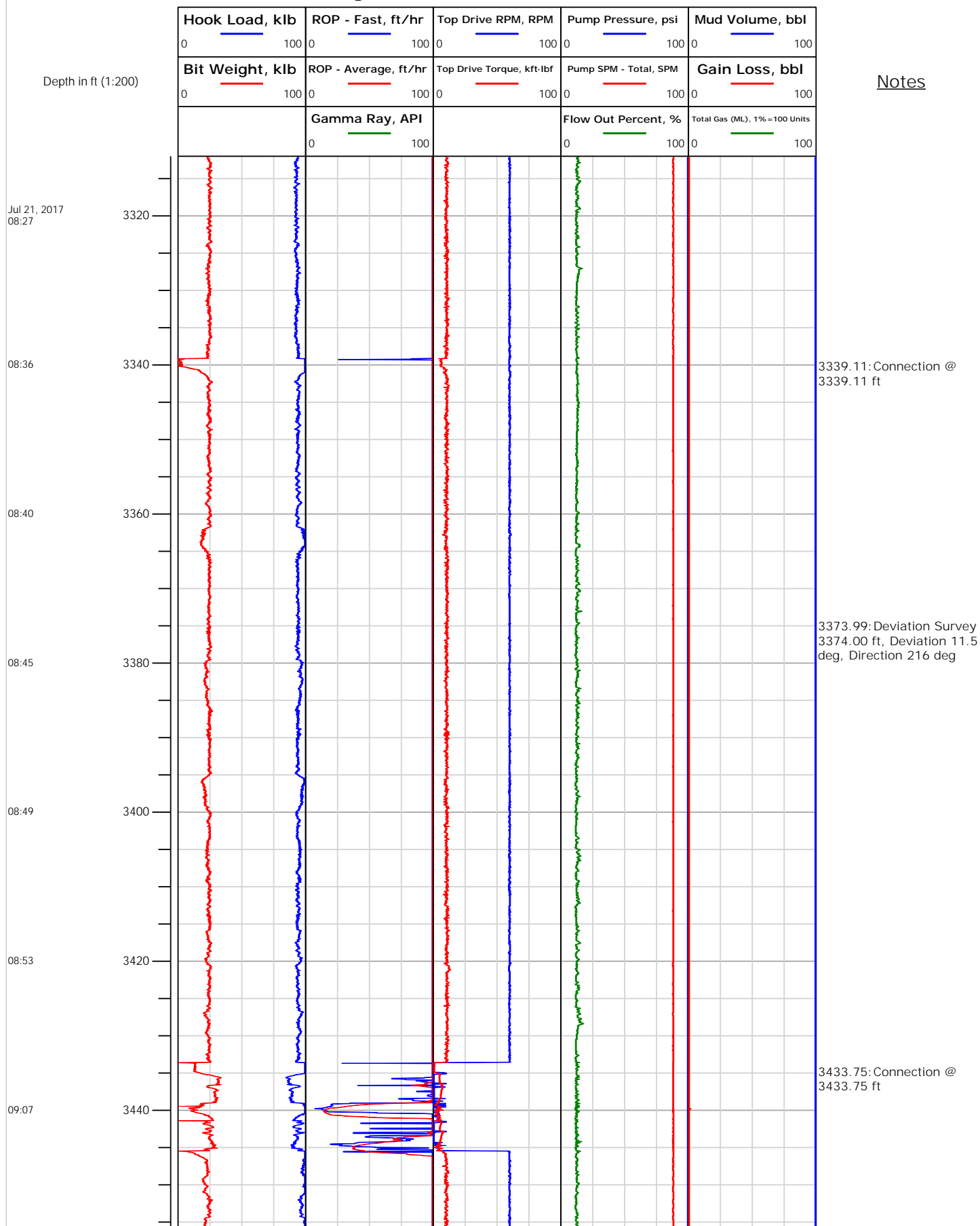
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





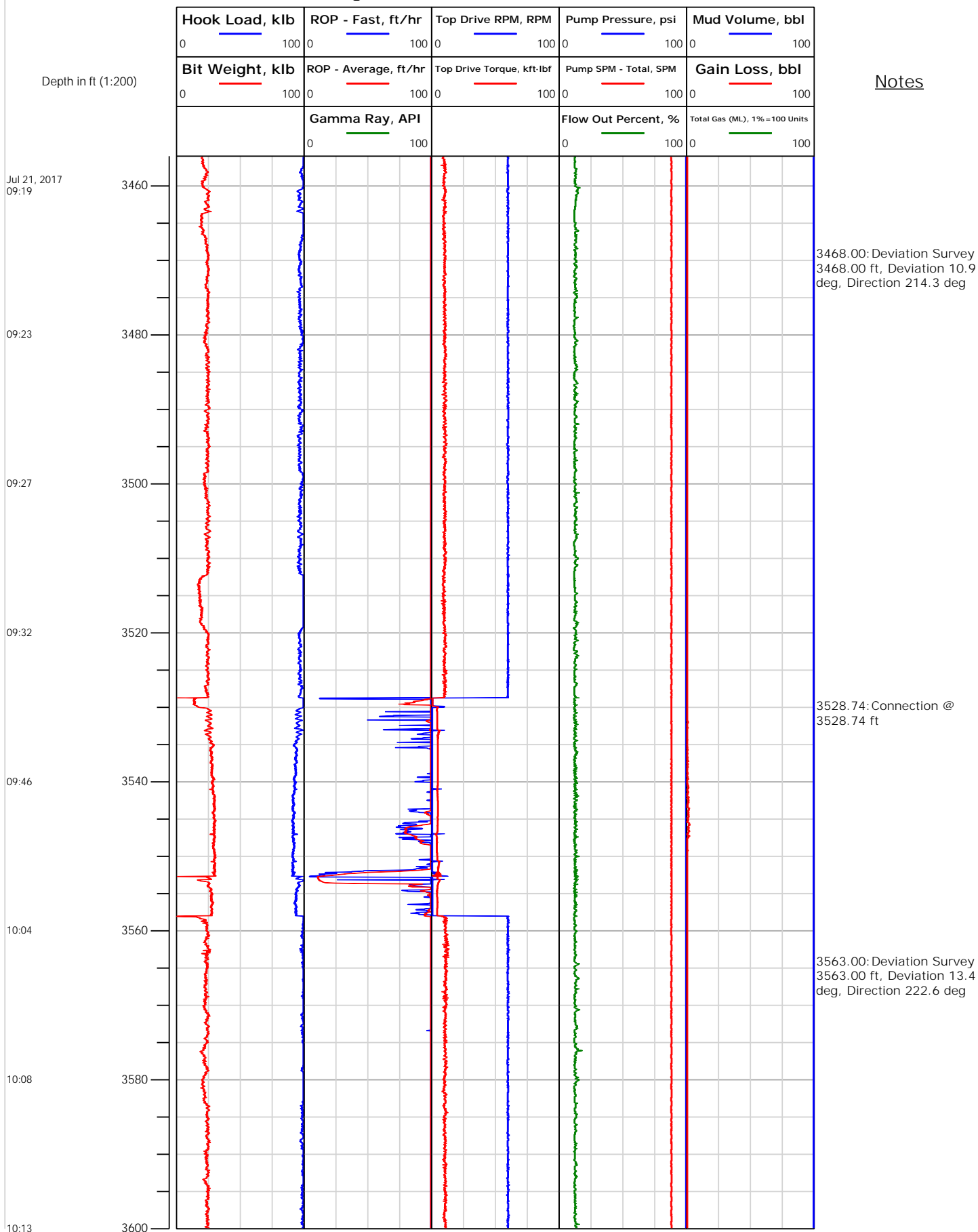
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





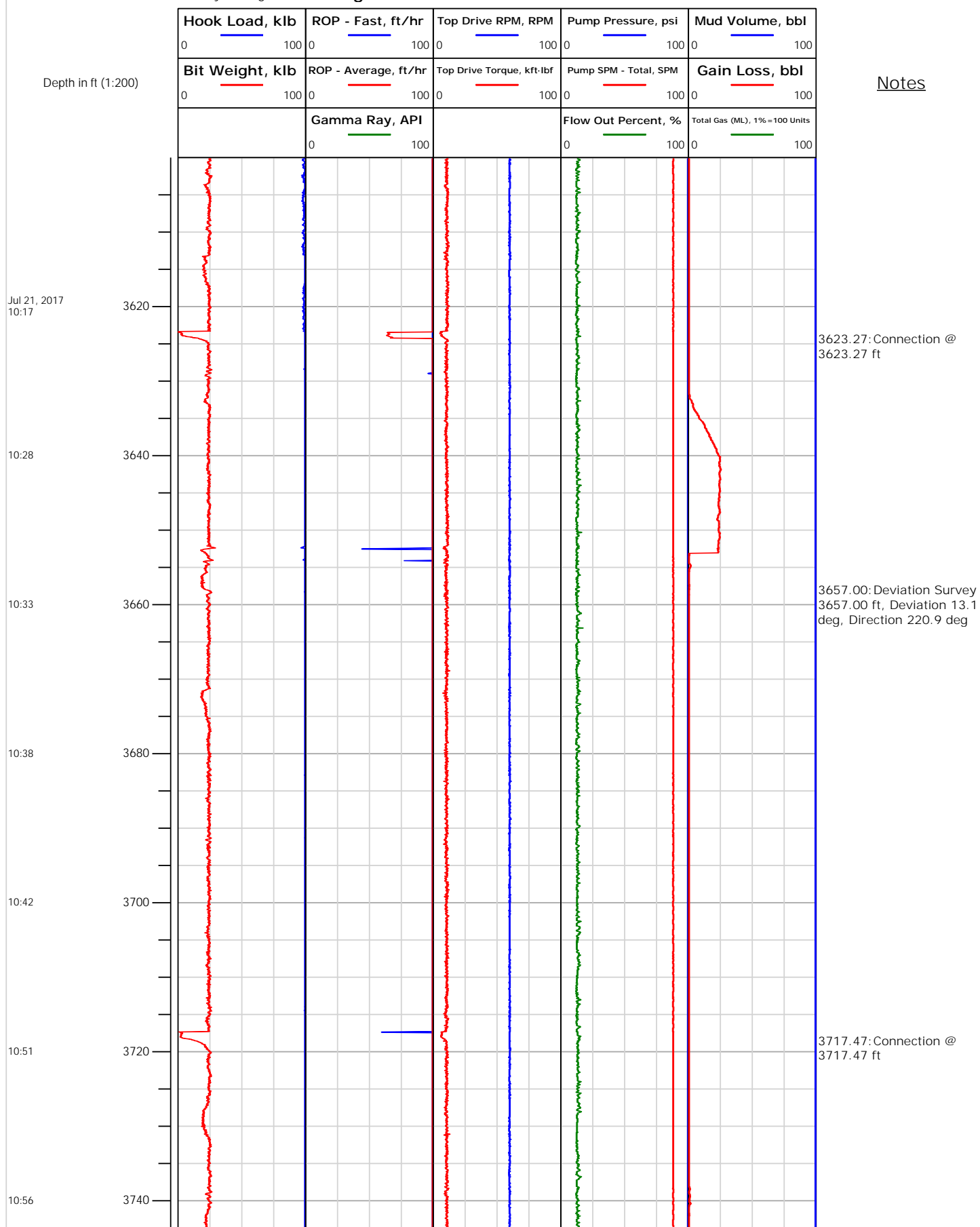
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





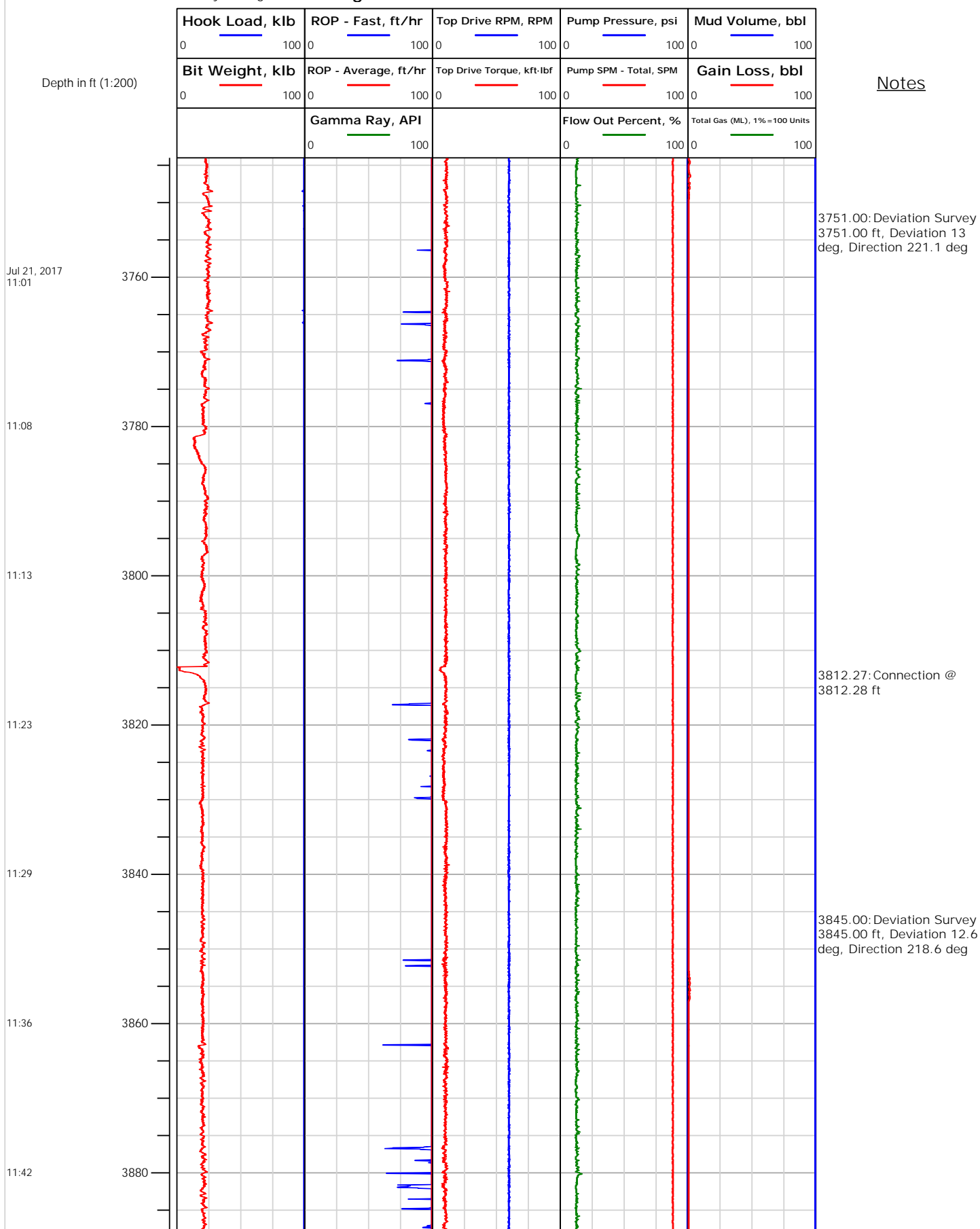
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes



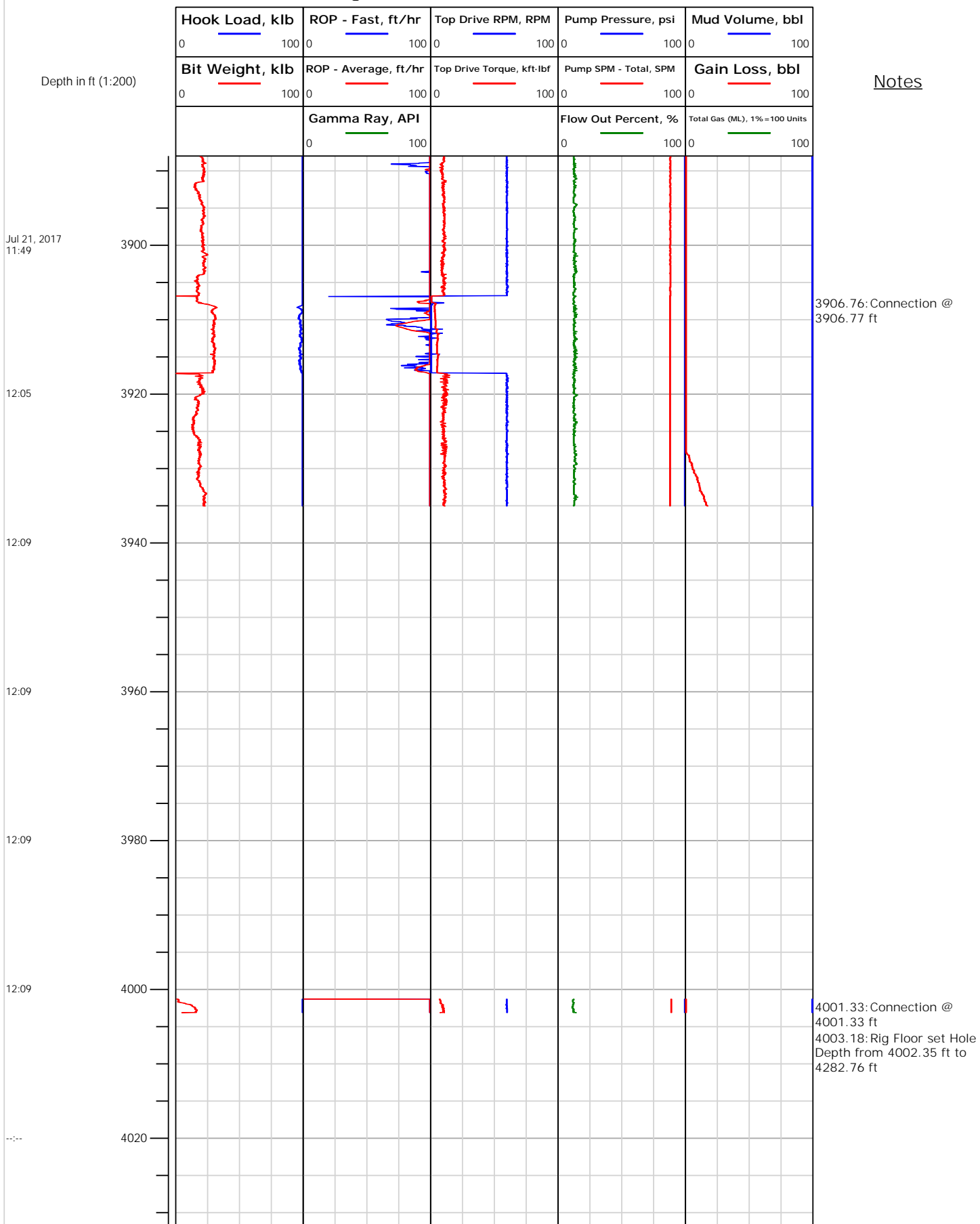


Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:



Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Notes

Depth in ft (1:200)		Hook Load, klb	ROP - Fast, ft/hr	Top Drive RPM, RPM	Pump Pressure, psi	Mud Volume, bbl
		0100	0100	0100	0100	0100
		Bit Weight, klb	ROP - Average, ft/hr	Top Drive Torque, kft-lbf	Pump SPM - Total, SPM	Gain Loss, bbl
		0100	0100	0100	0100	0100
			Gamma Ray, API		Flow Out Percent, %	Total Gas (ML), 1% = 100 Units
		0100	0100		0100	0100
4040						
4060						
4080						
4100						
4120						
4140						
4160						



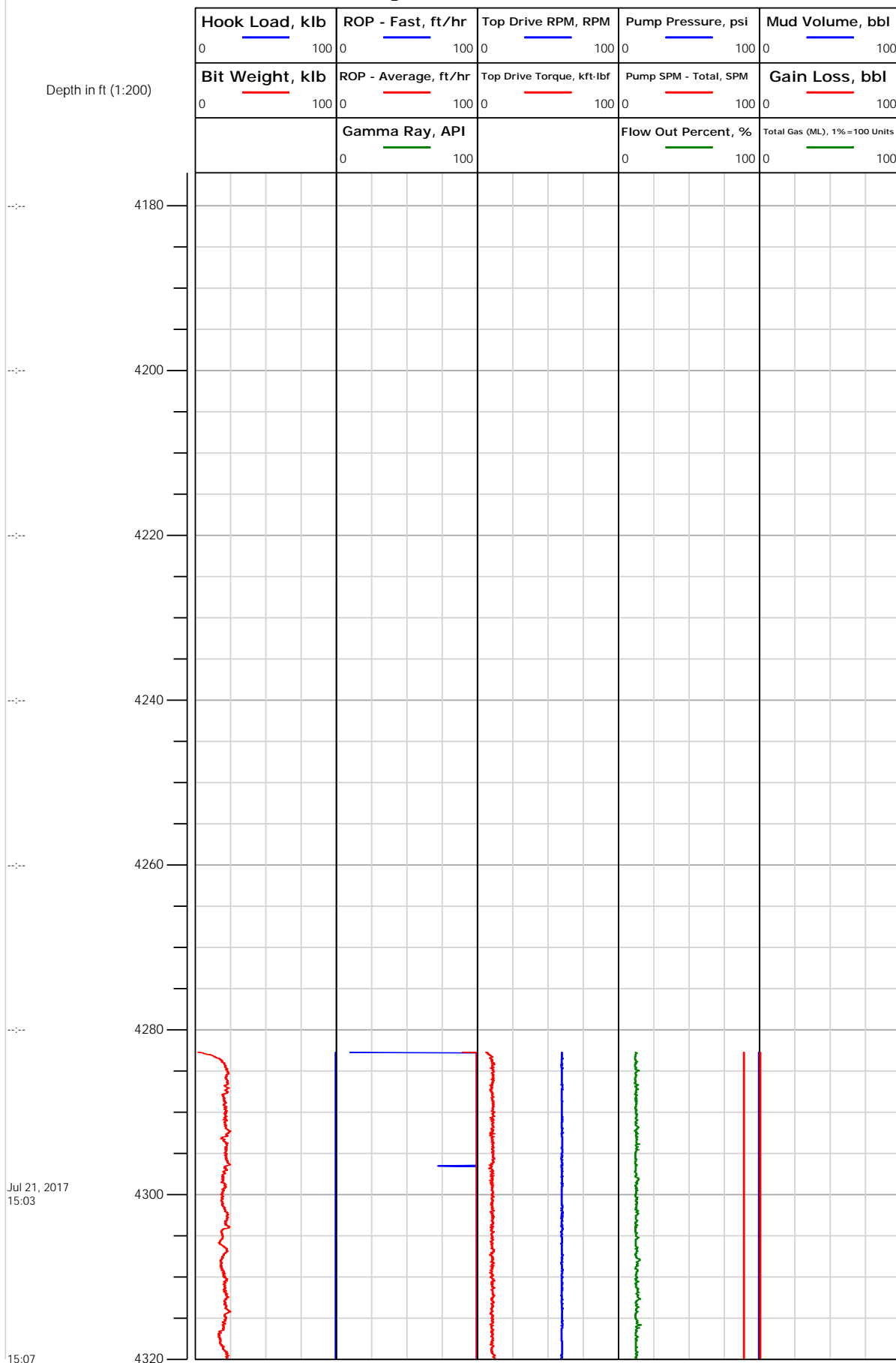
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





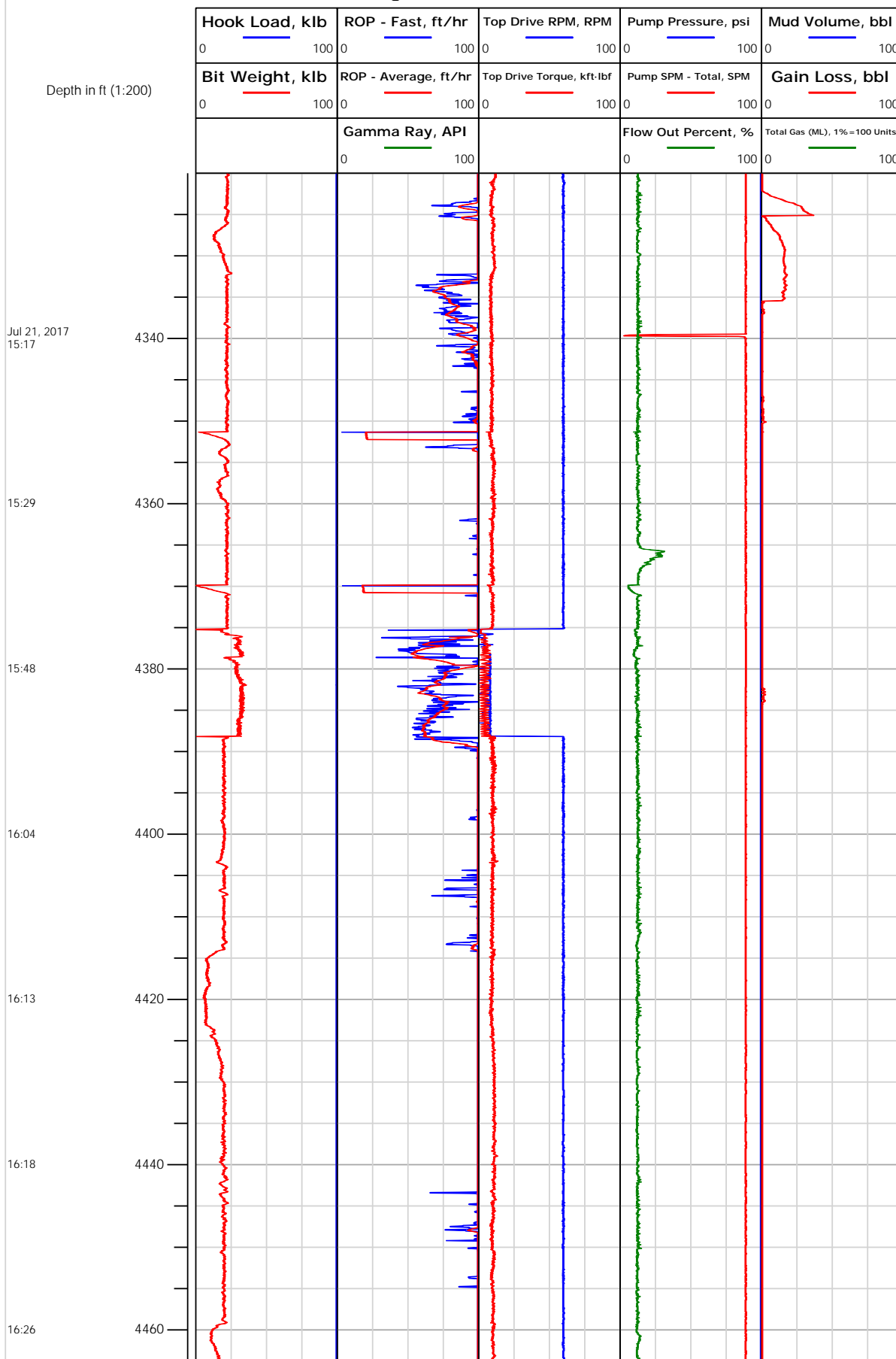
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





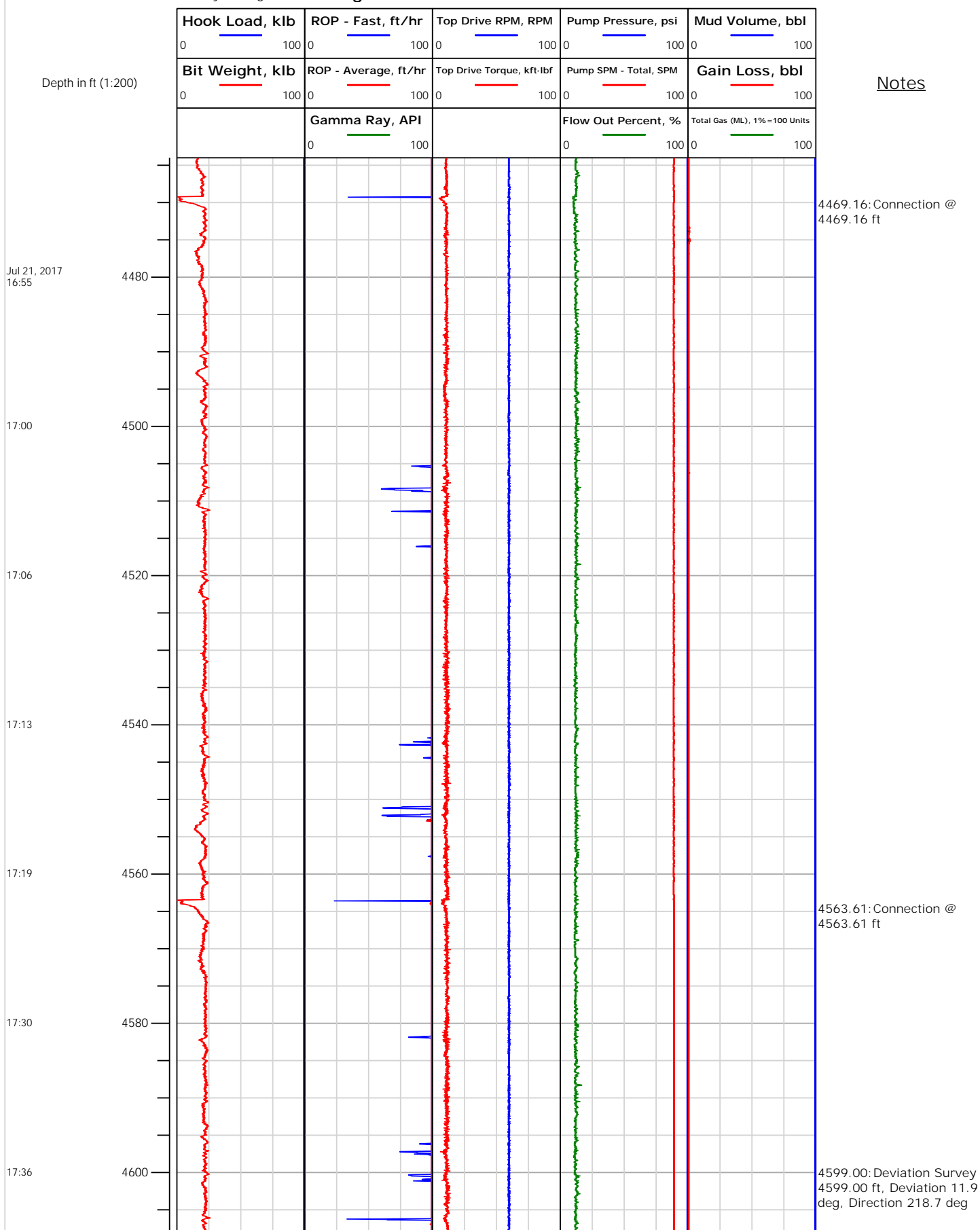
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





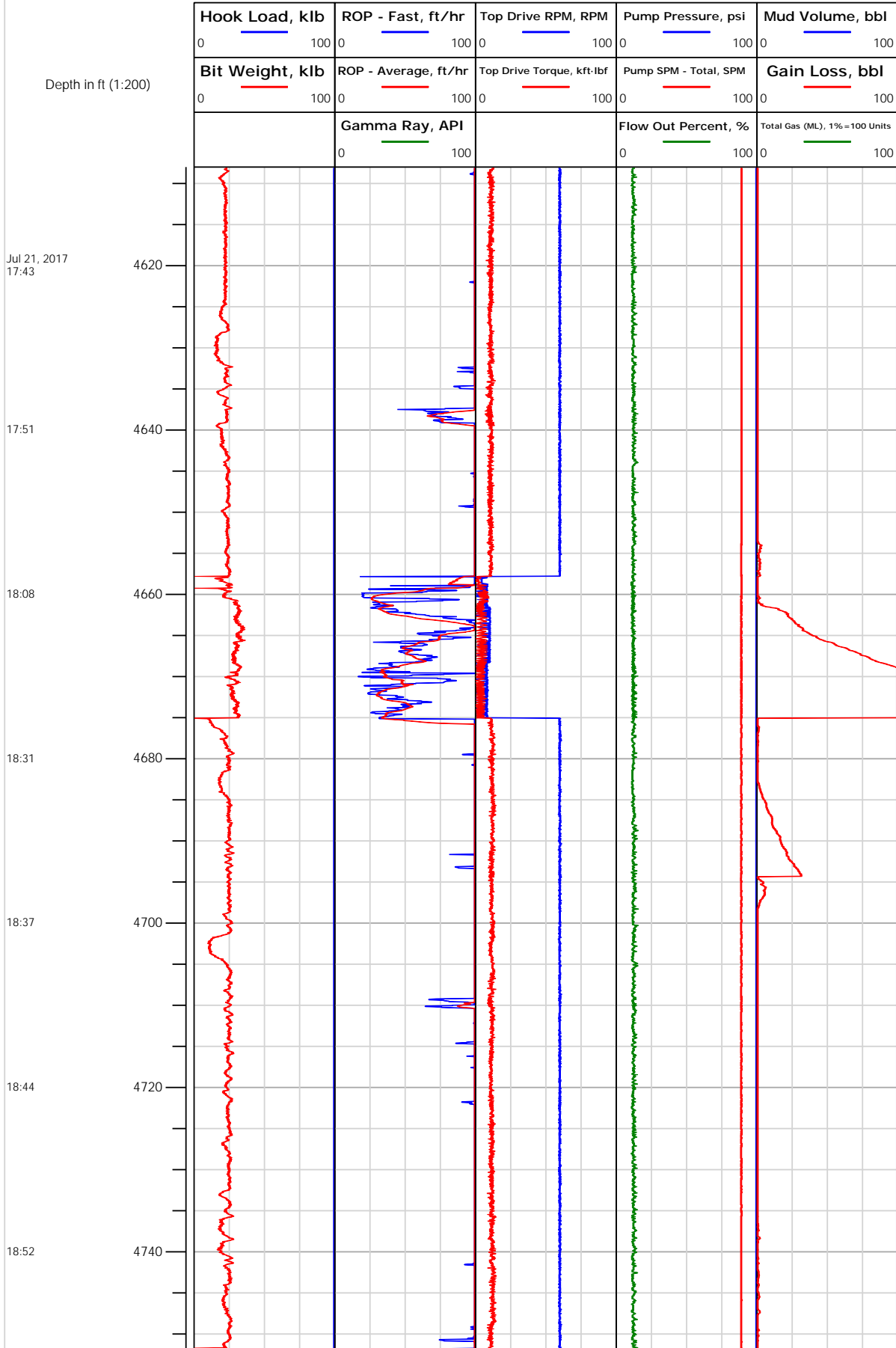
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





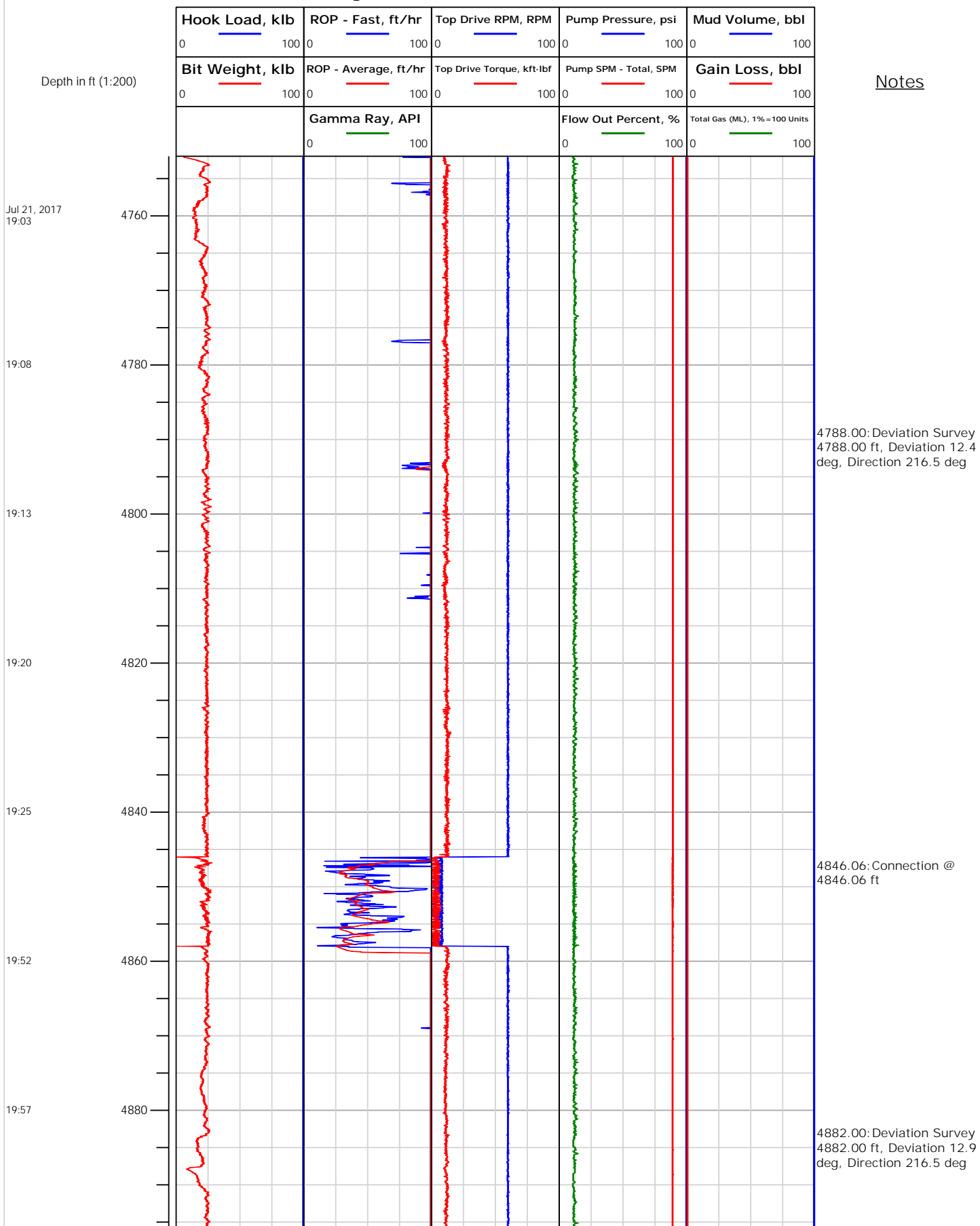
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





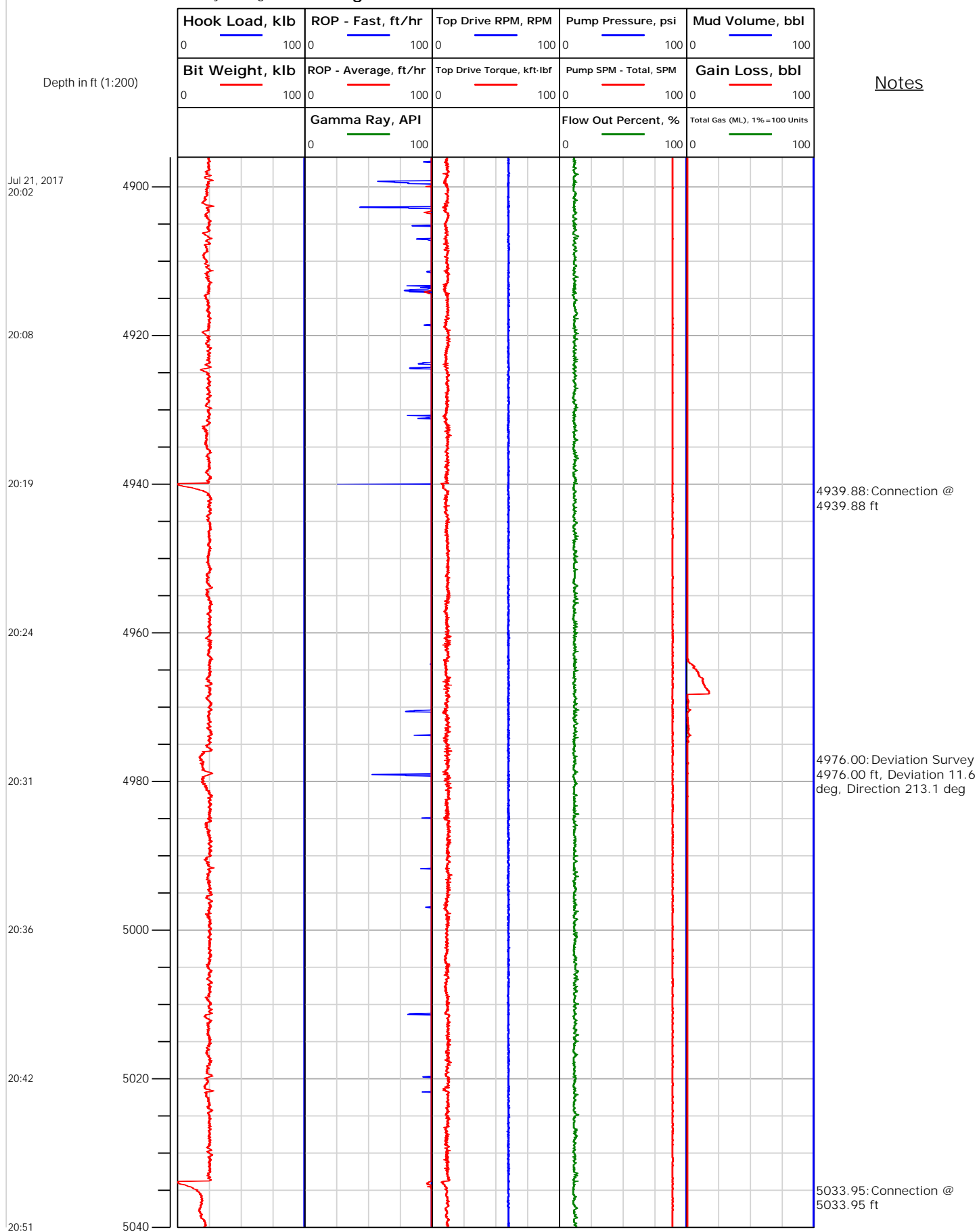
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





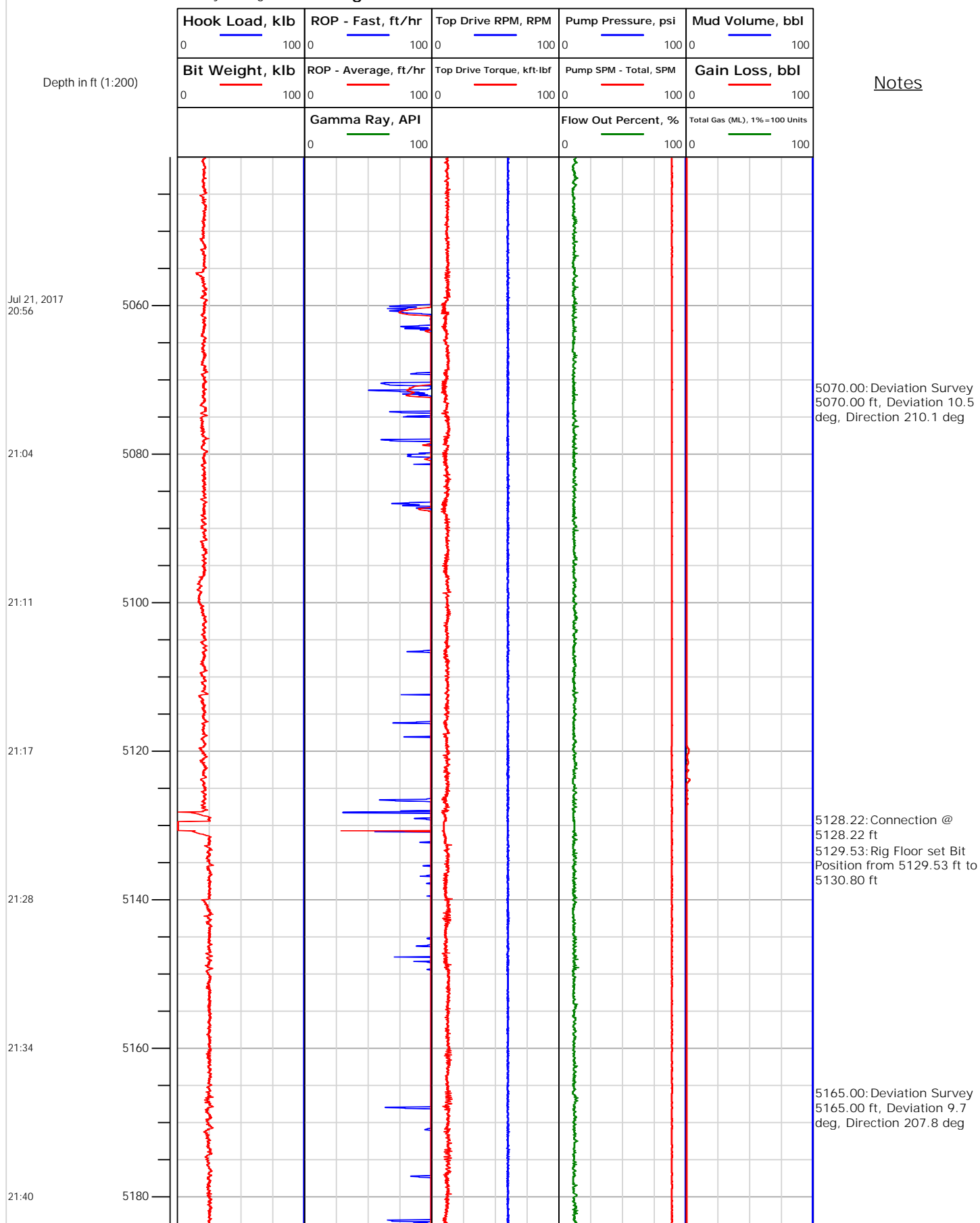
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





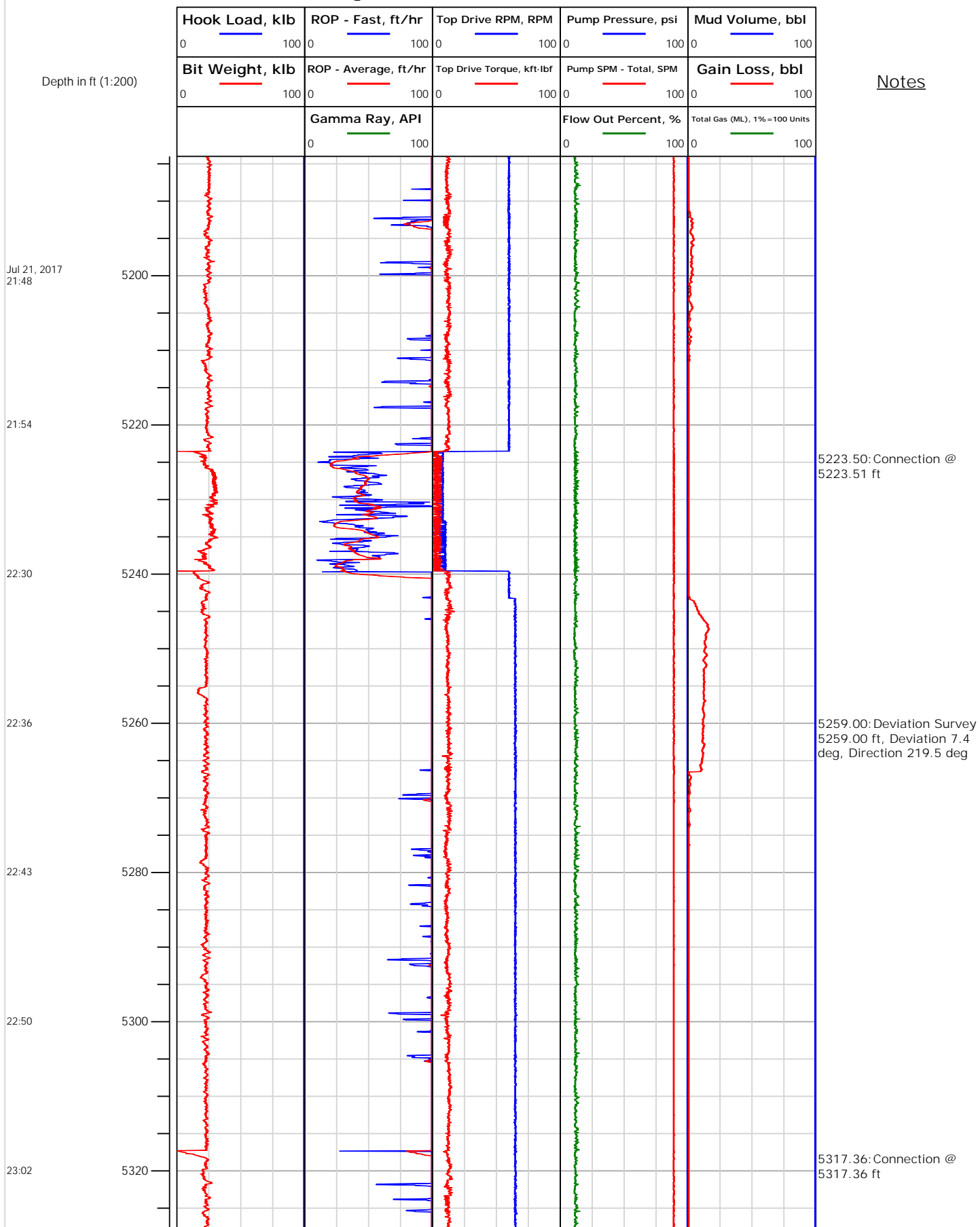
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





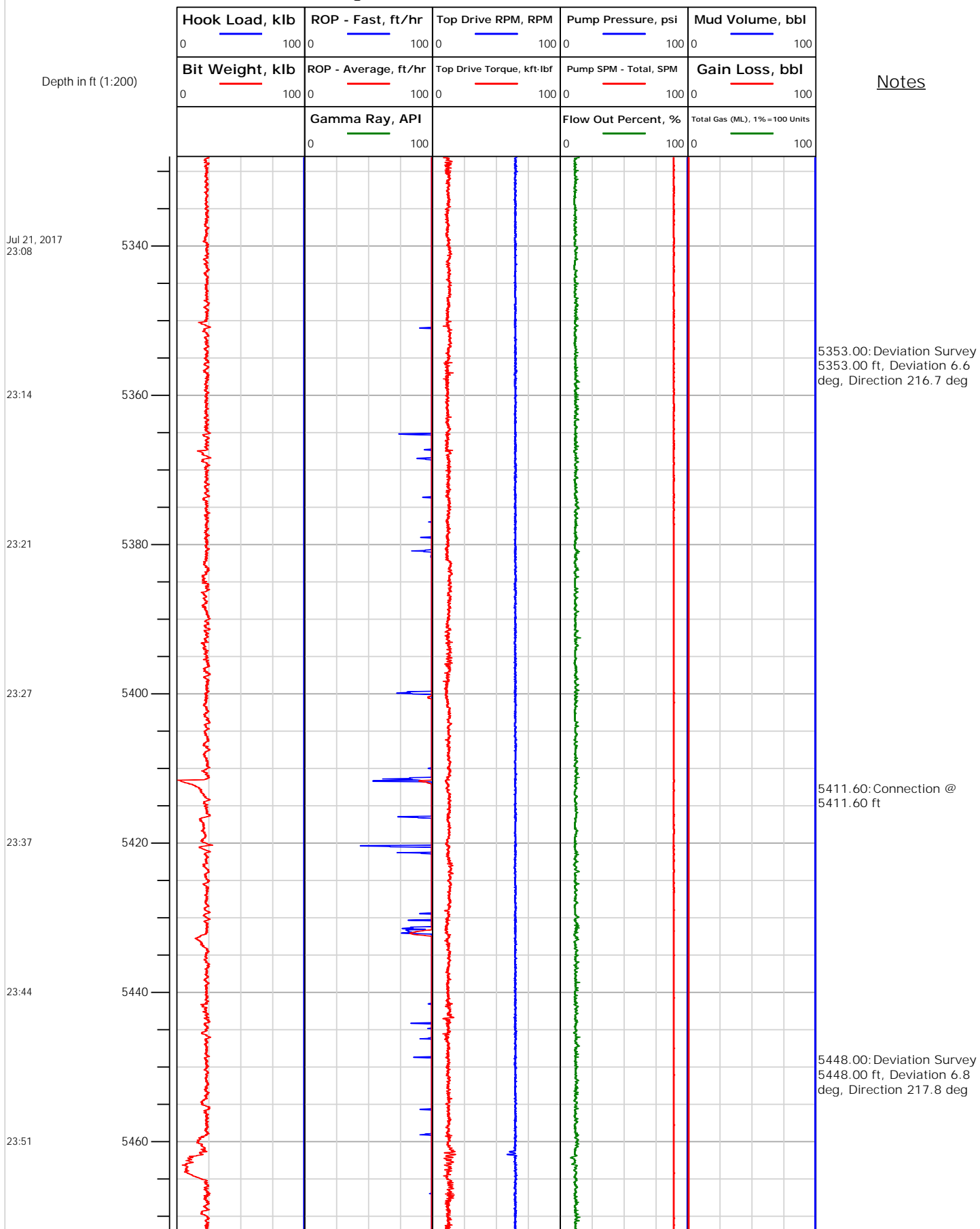
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





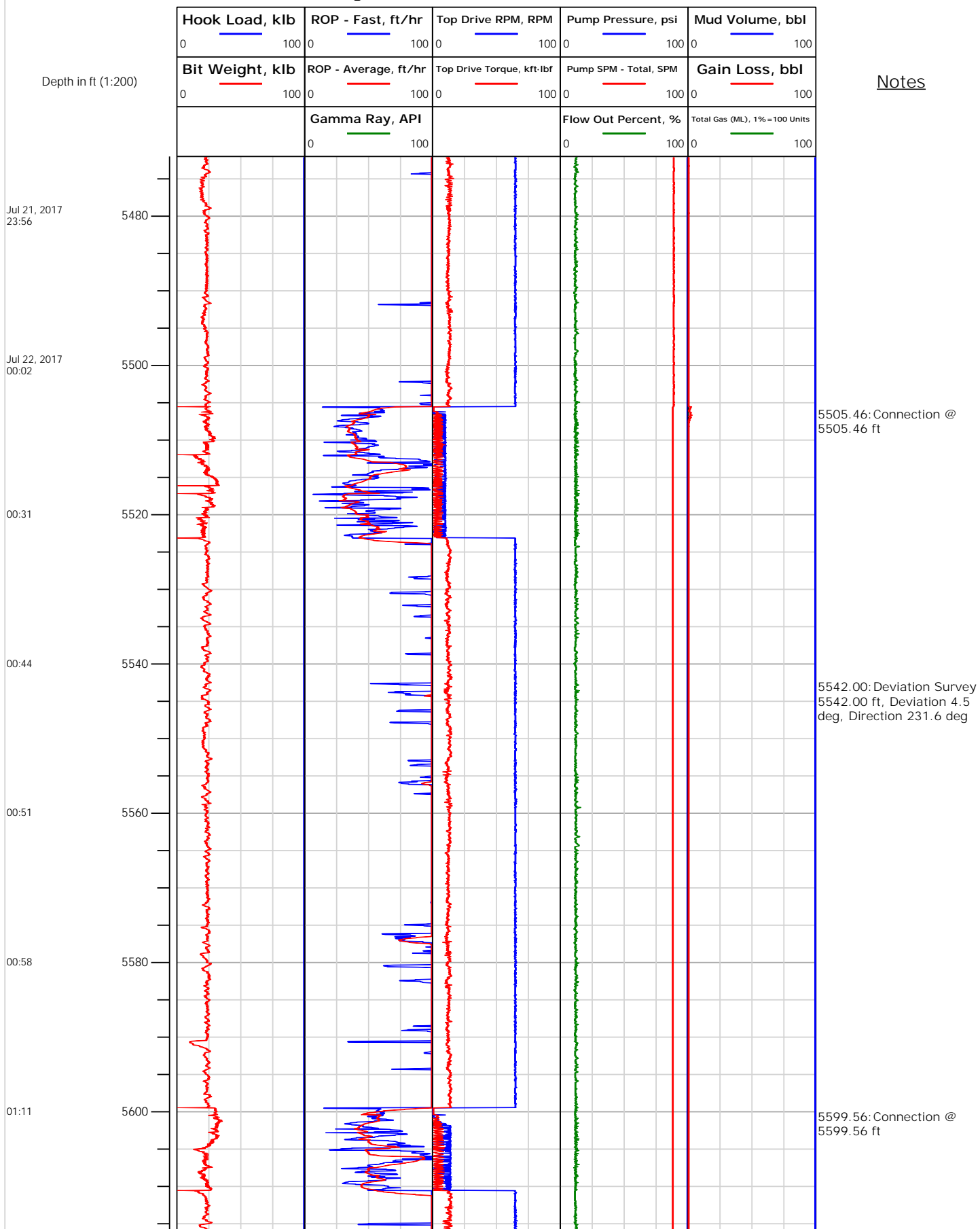
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





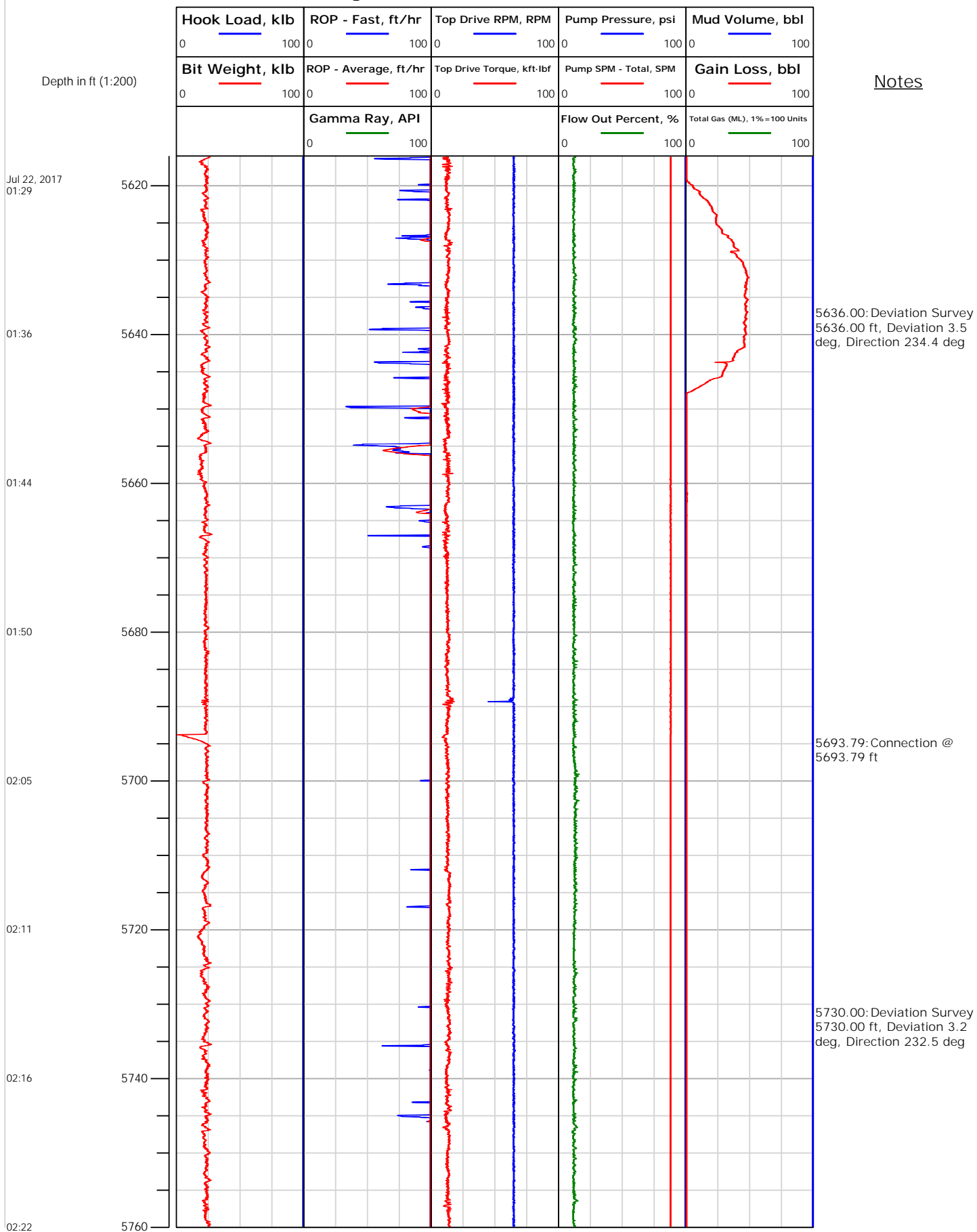
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





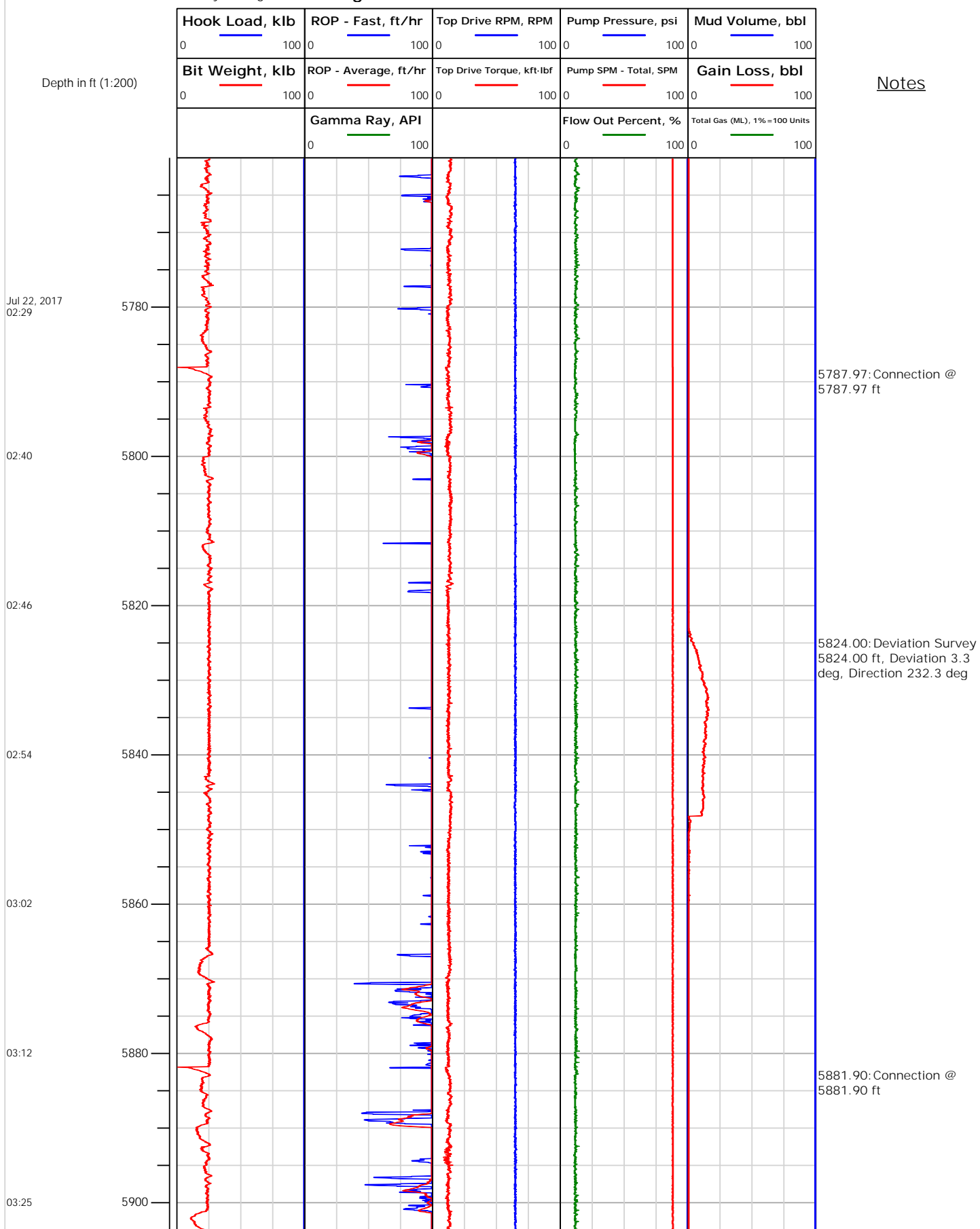
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





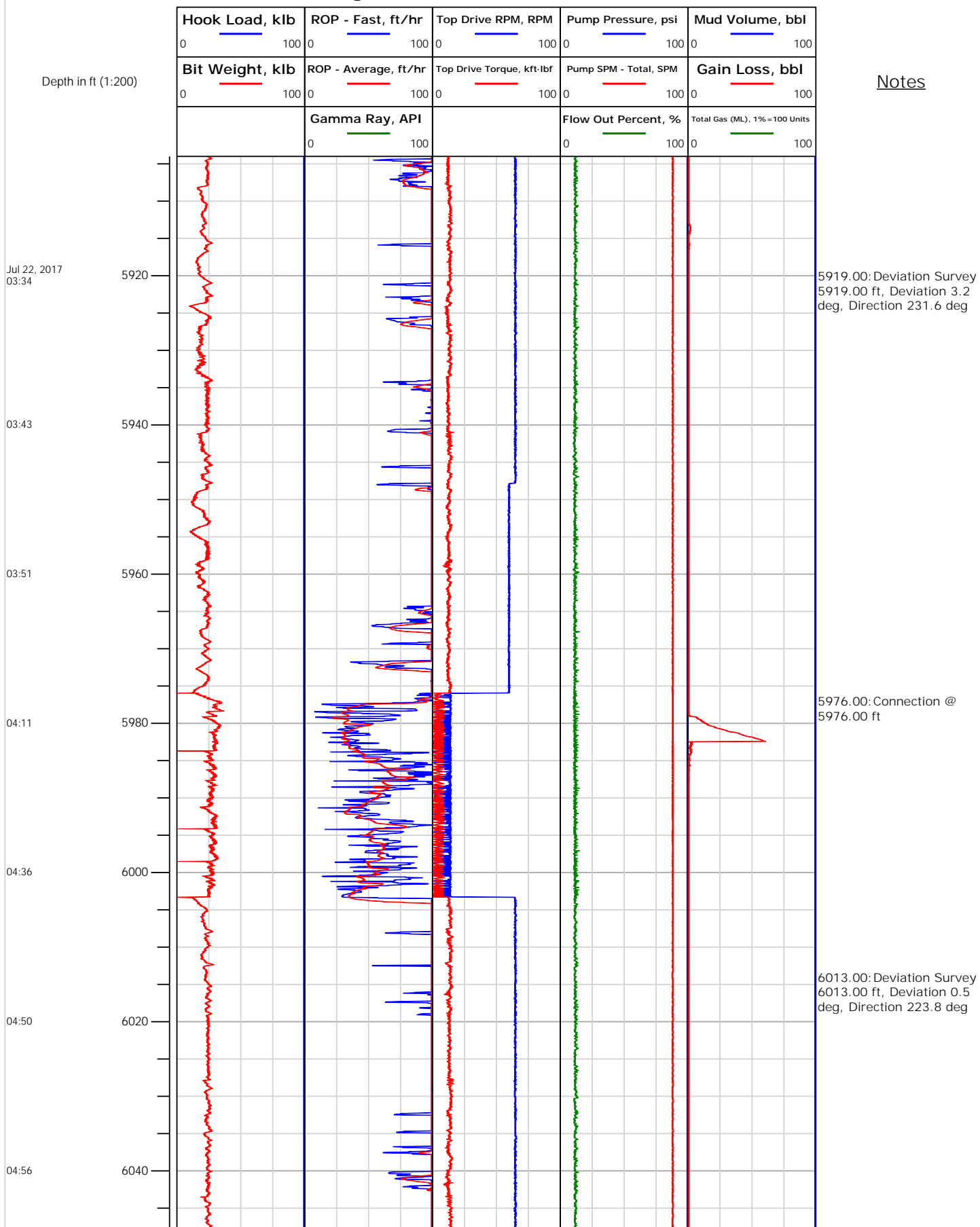
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





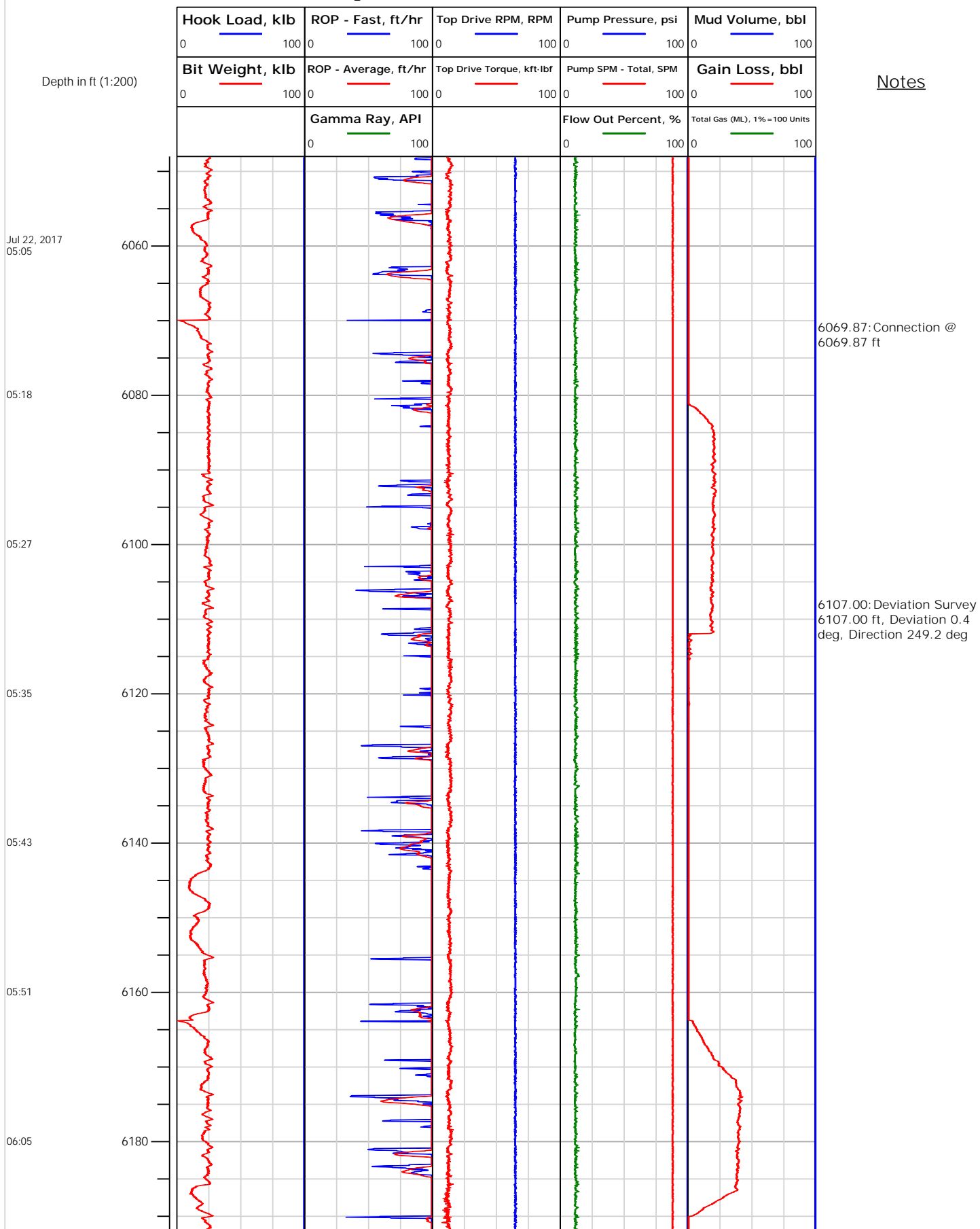
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





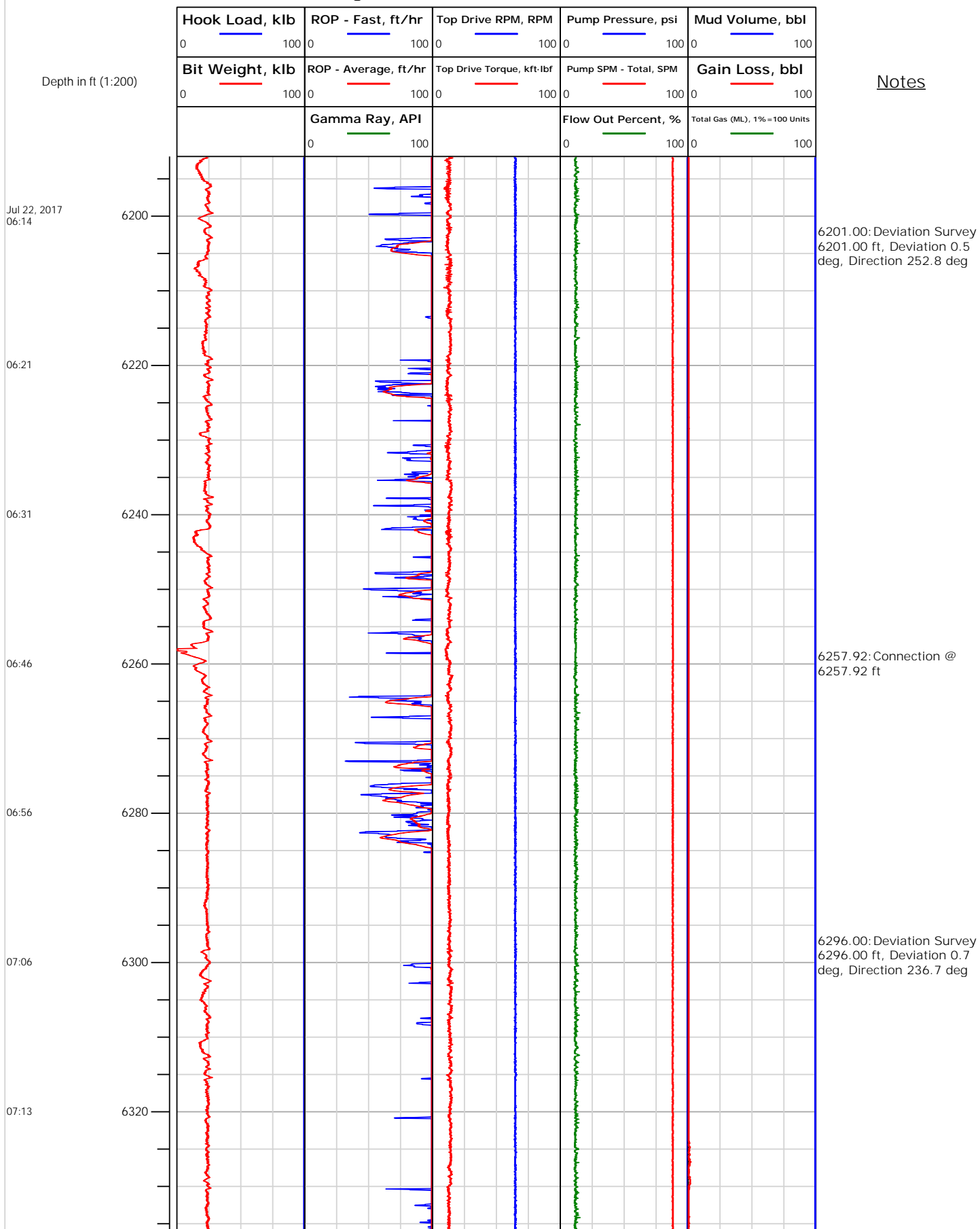
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes



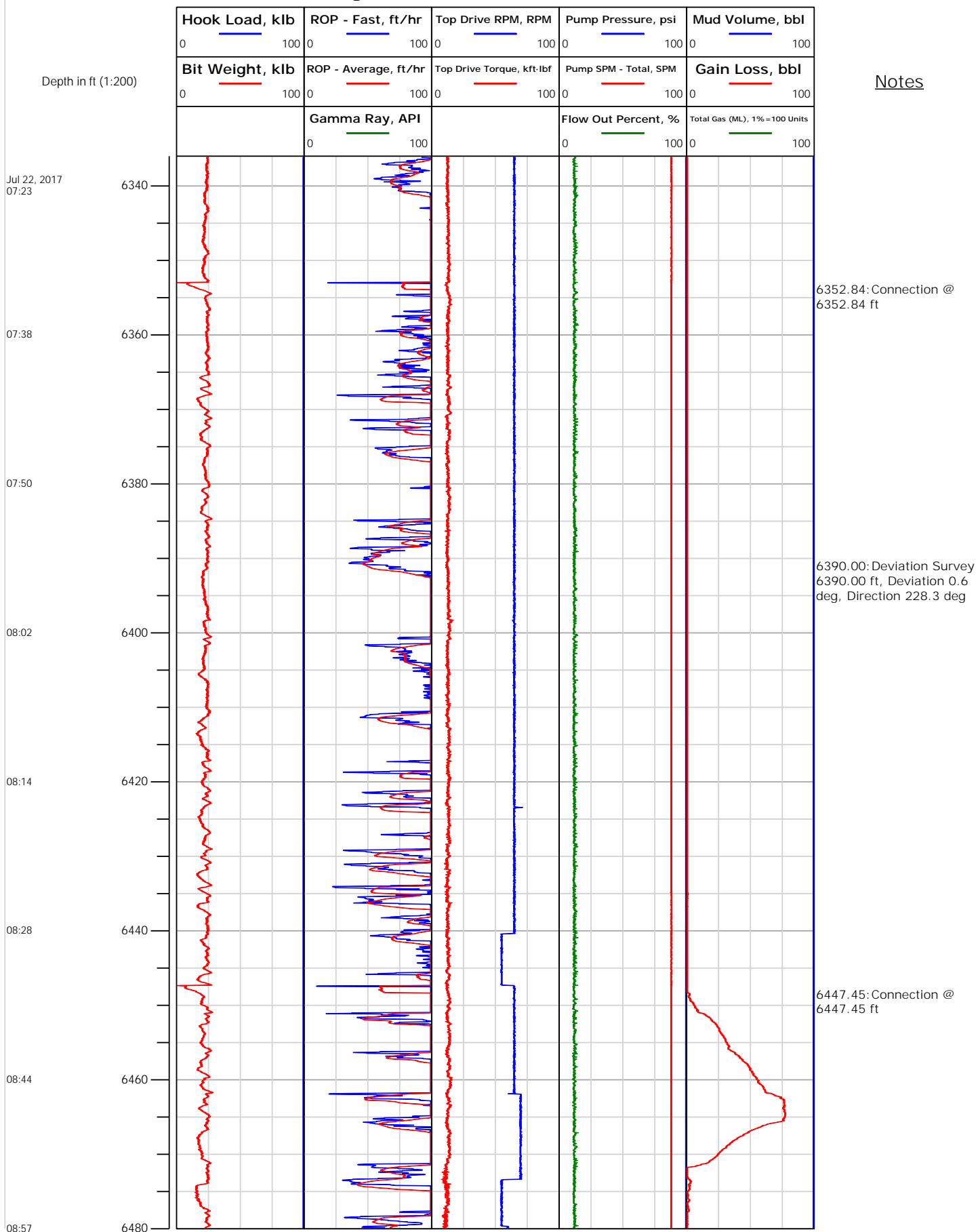


Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:





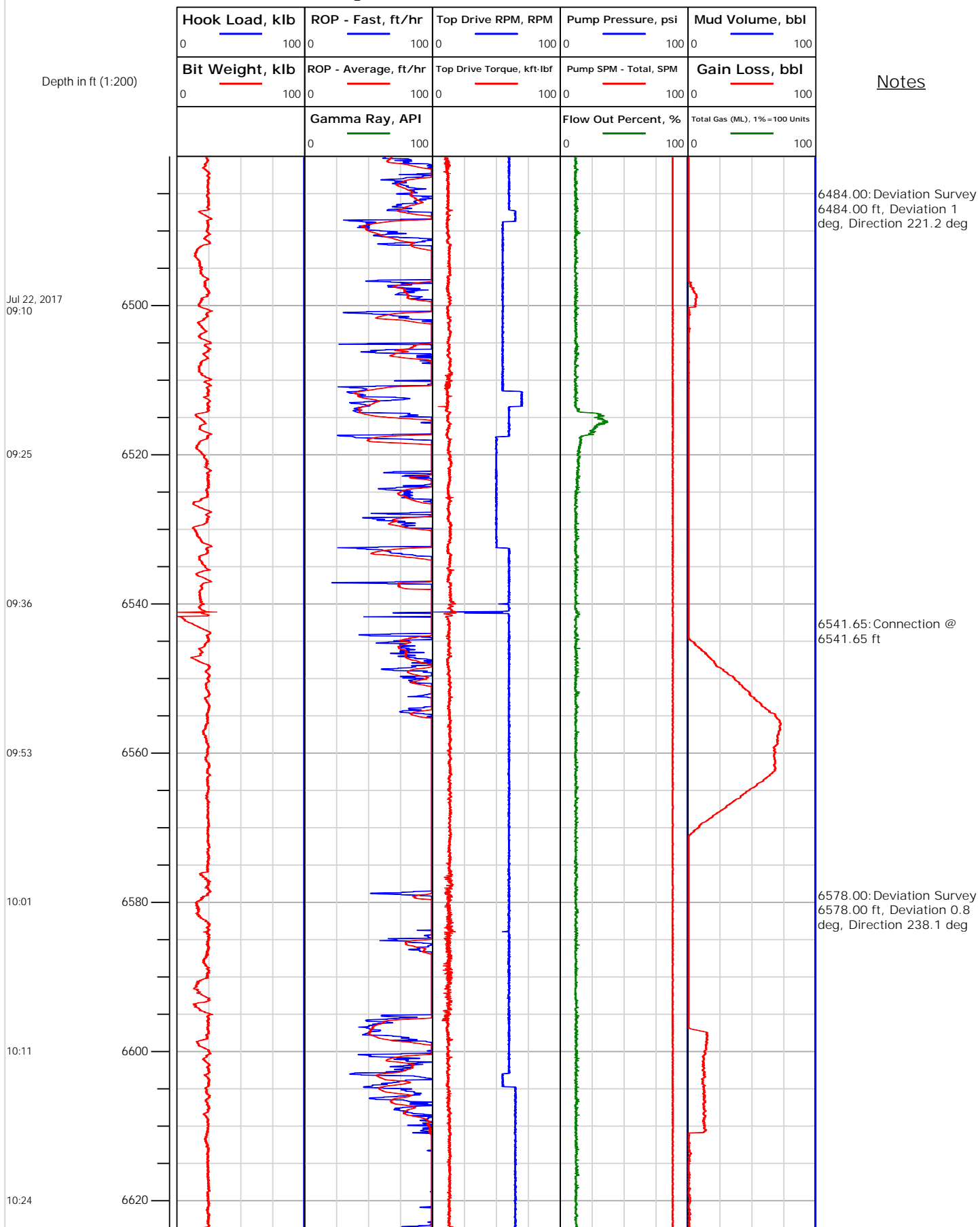
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





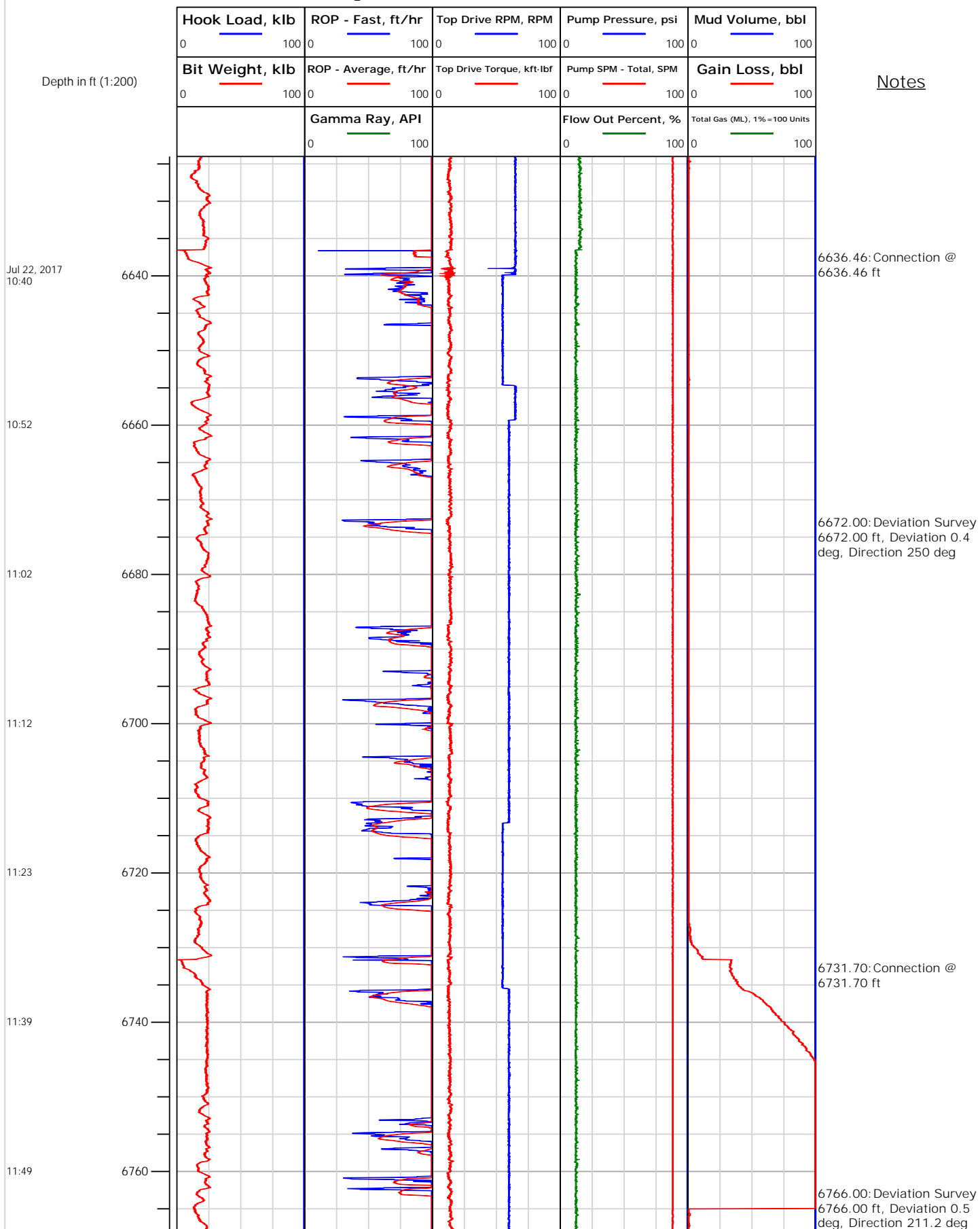
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Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





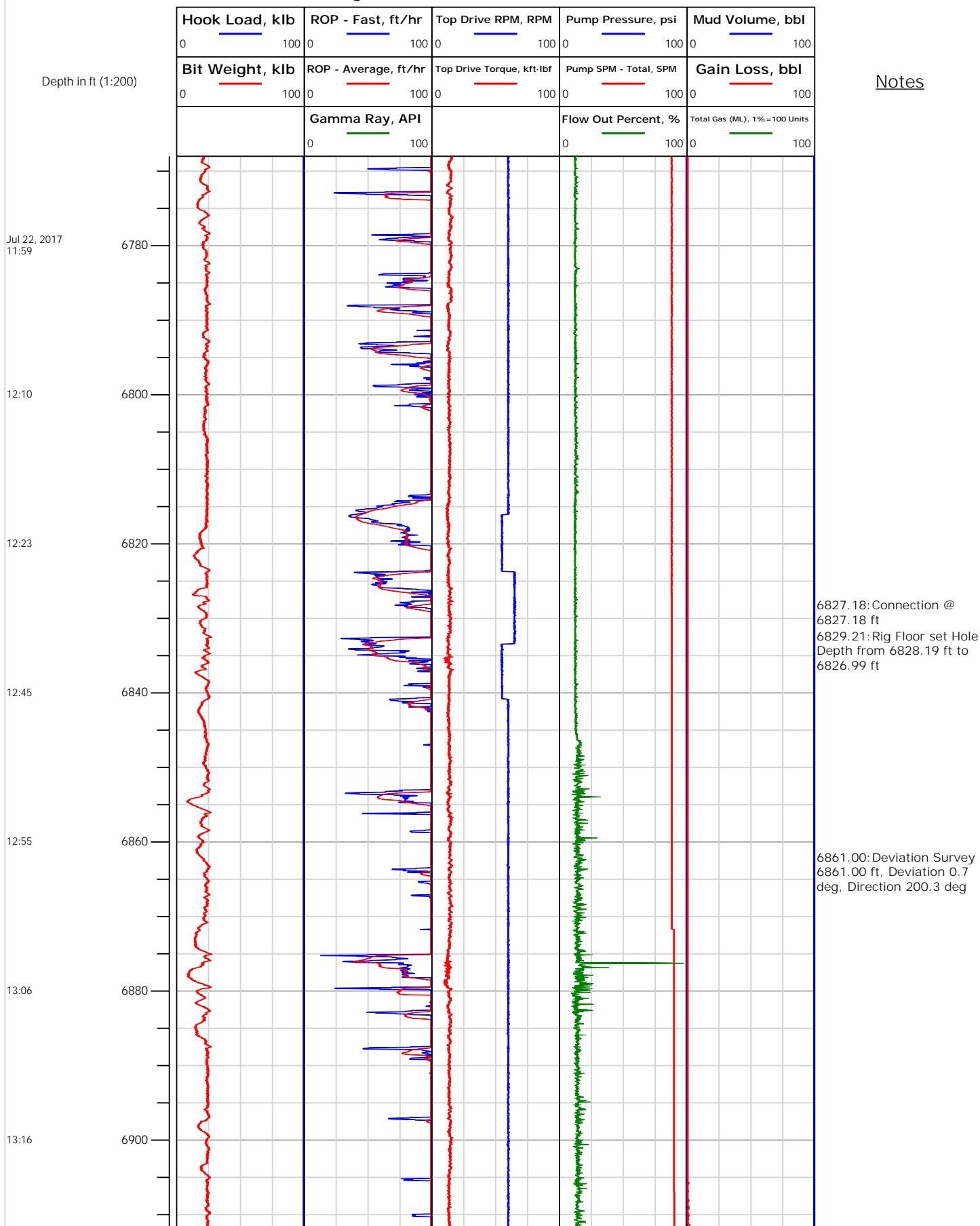
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Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





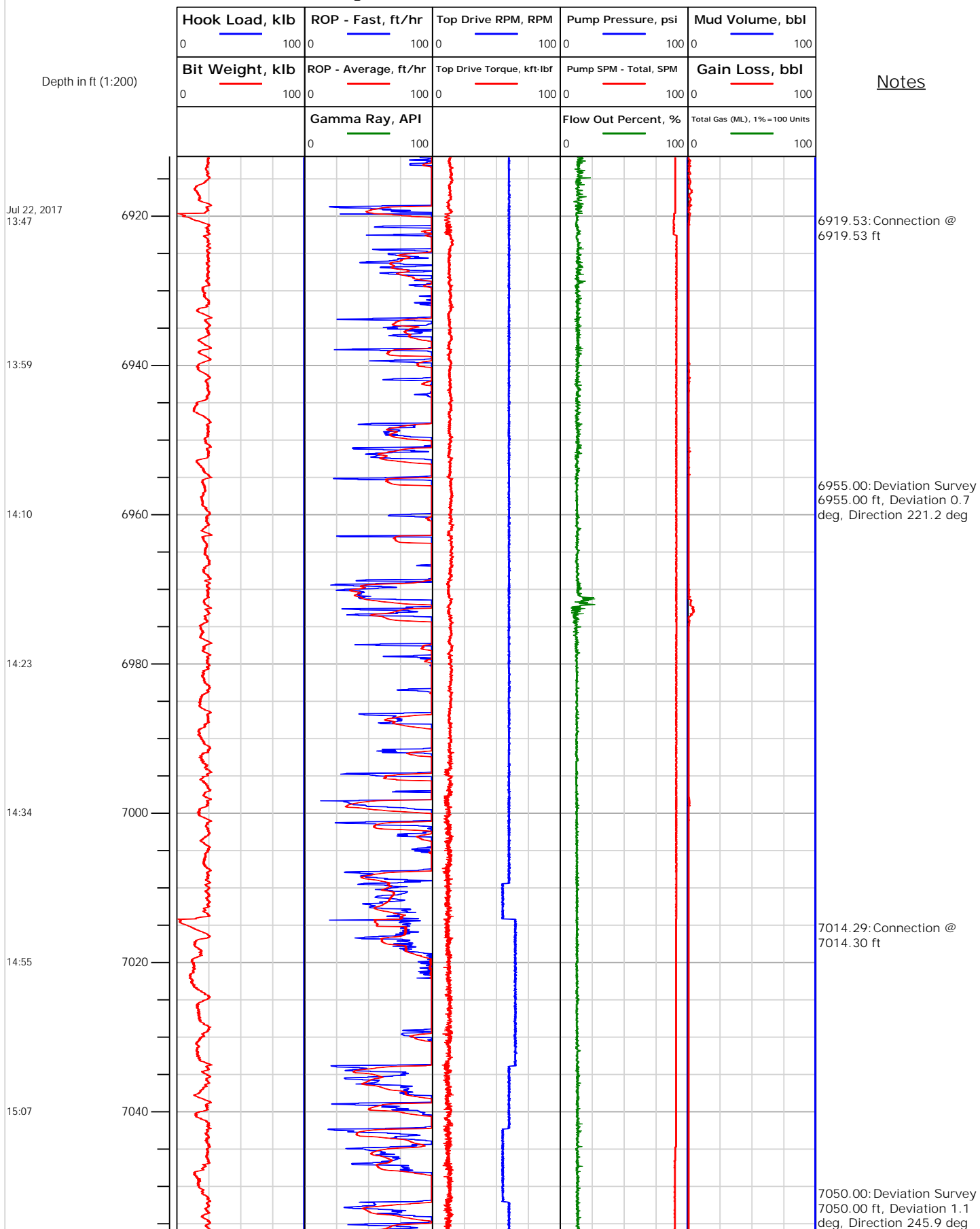
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





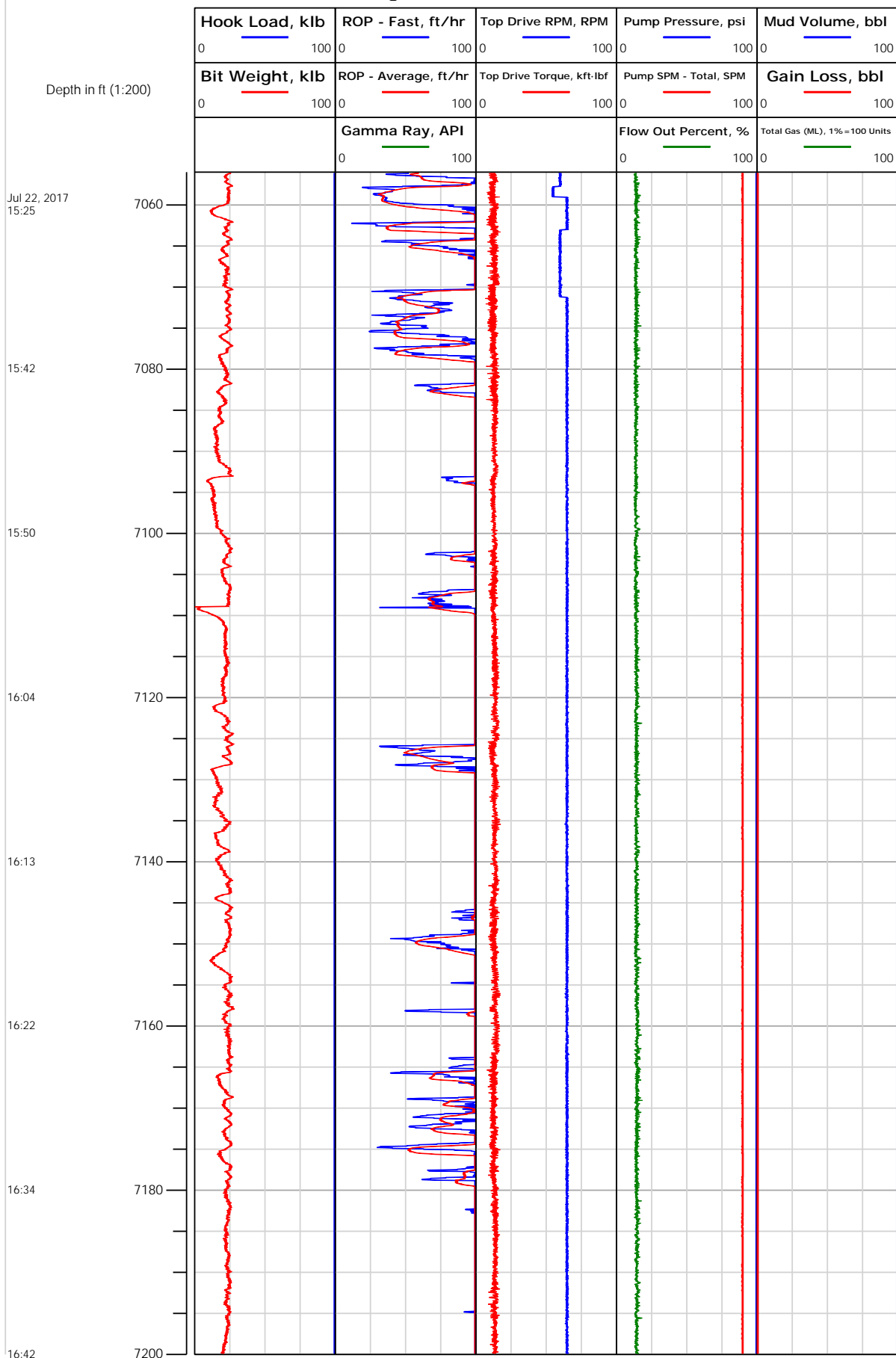
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Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





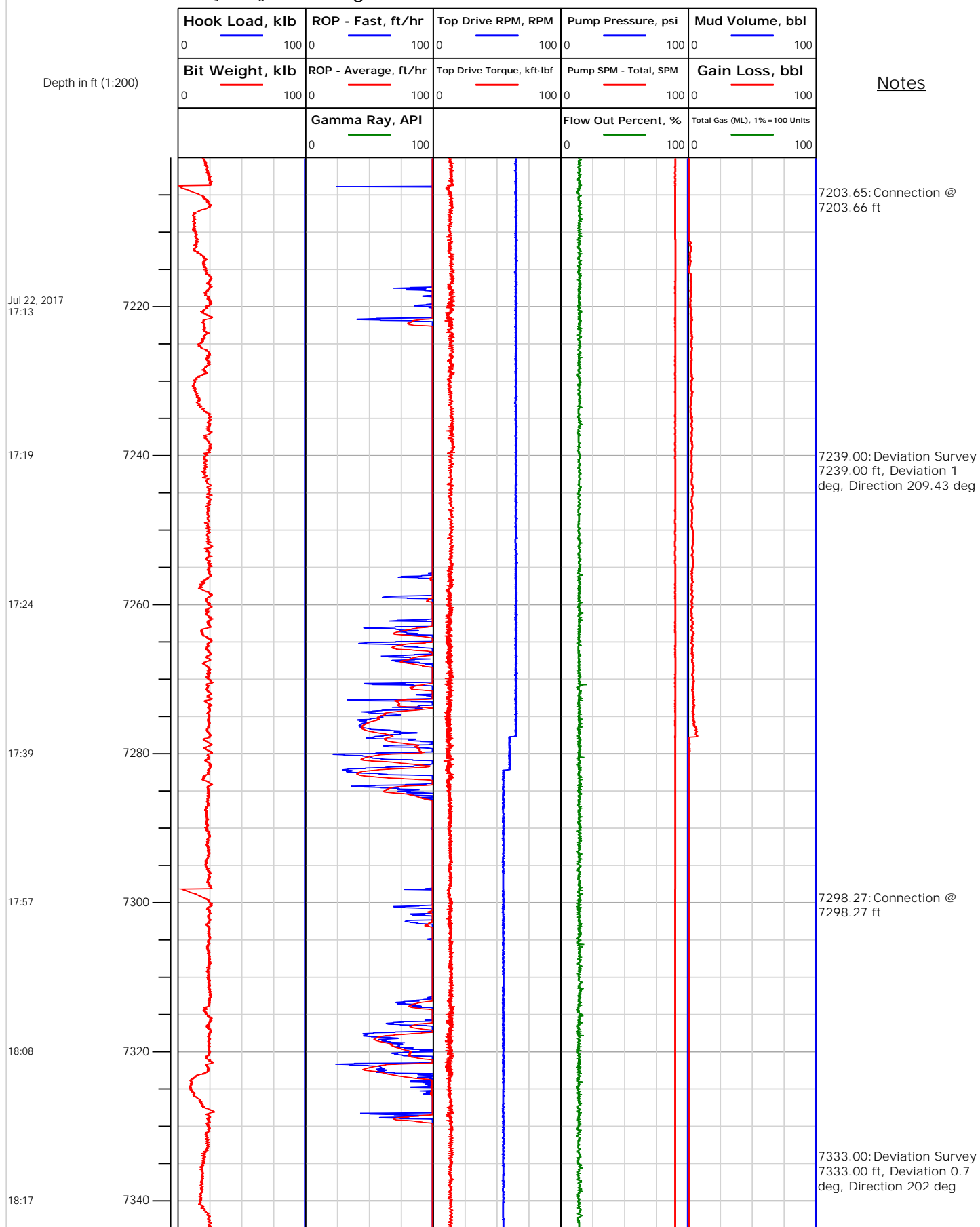
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





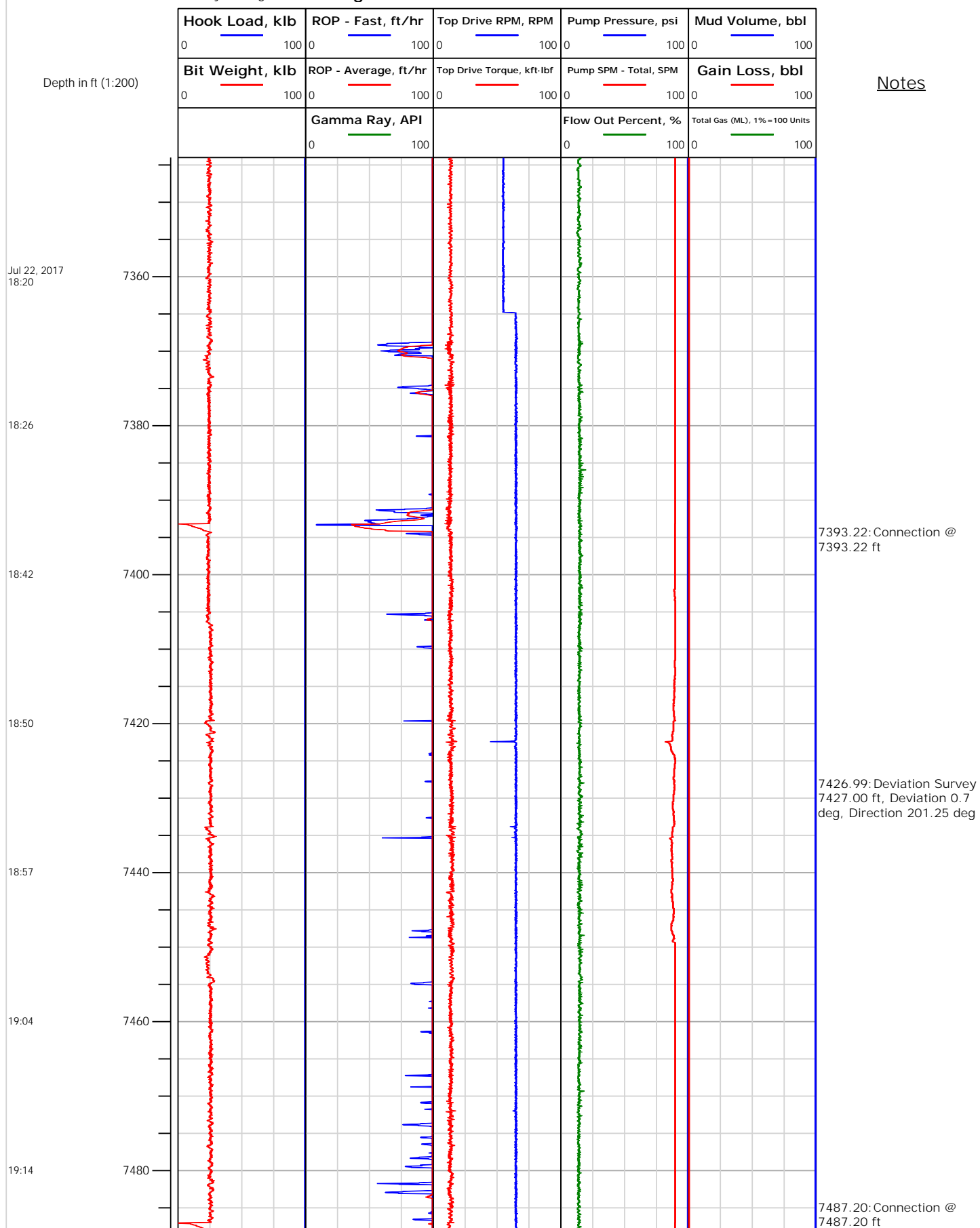
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Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





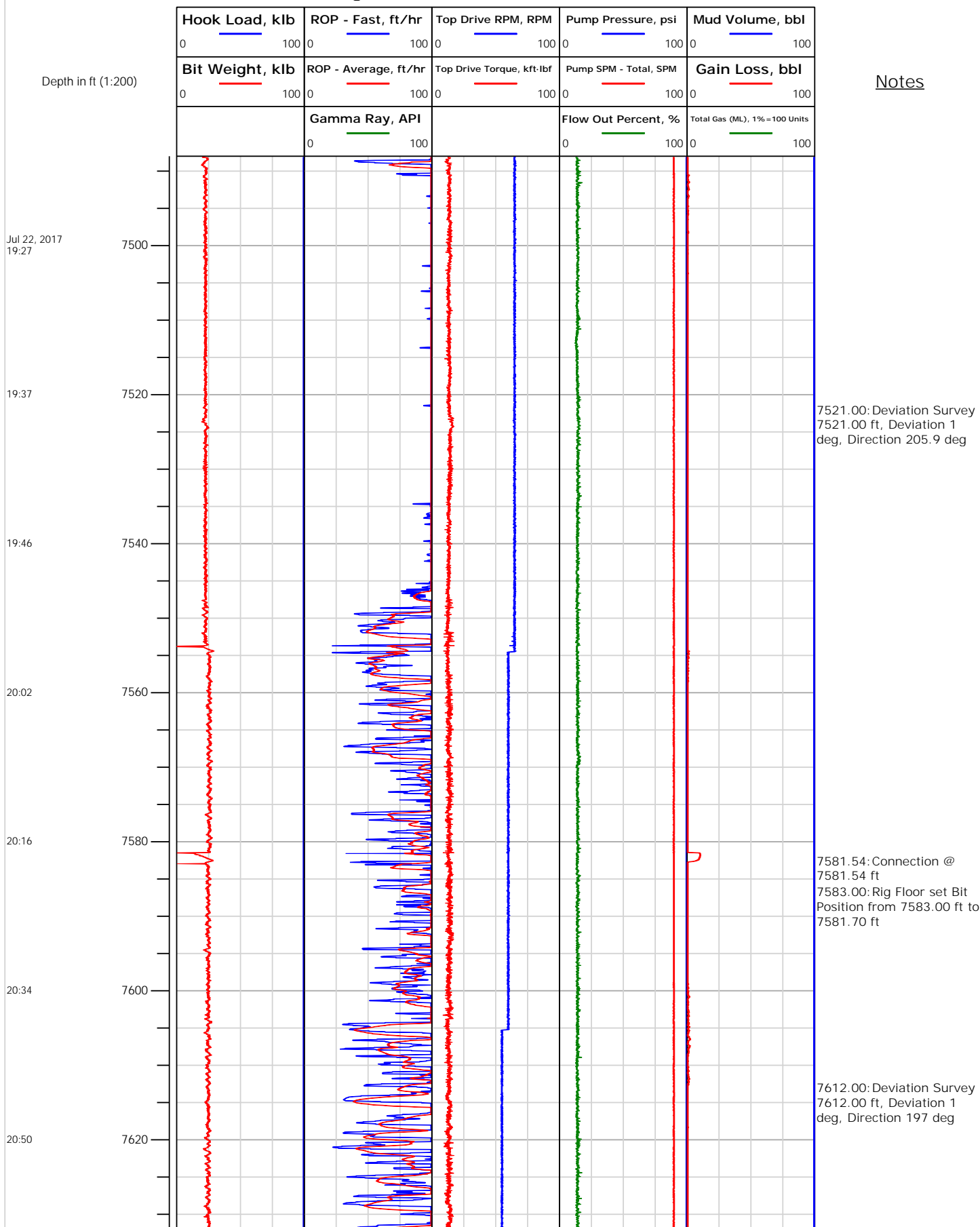
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 20-08W
Rig: 522

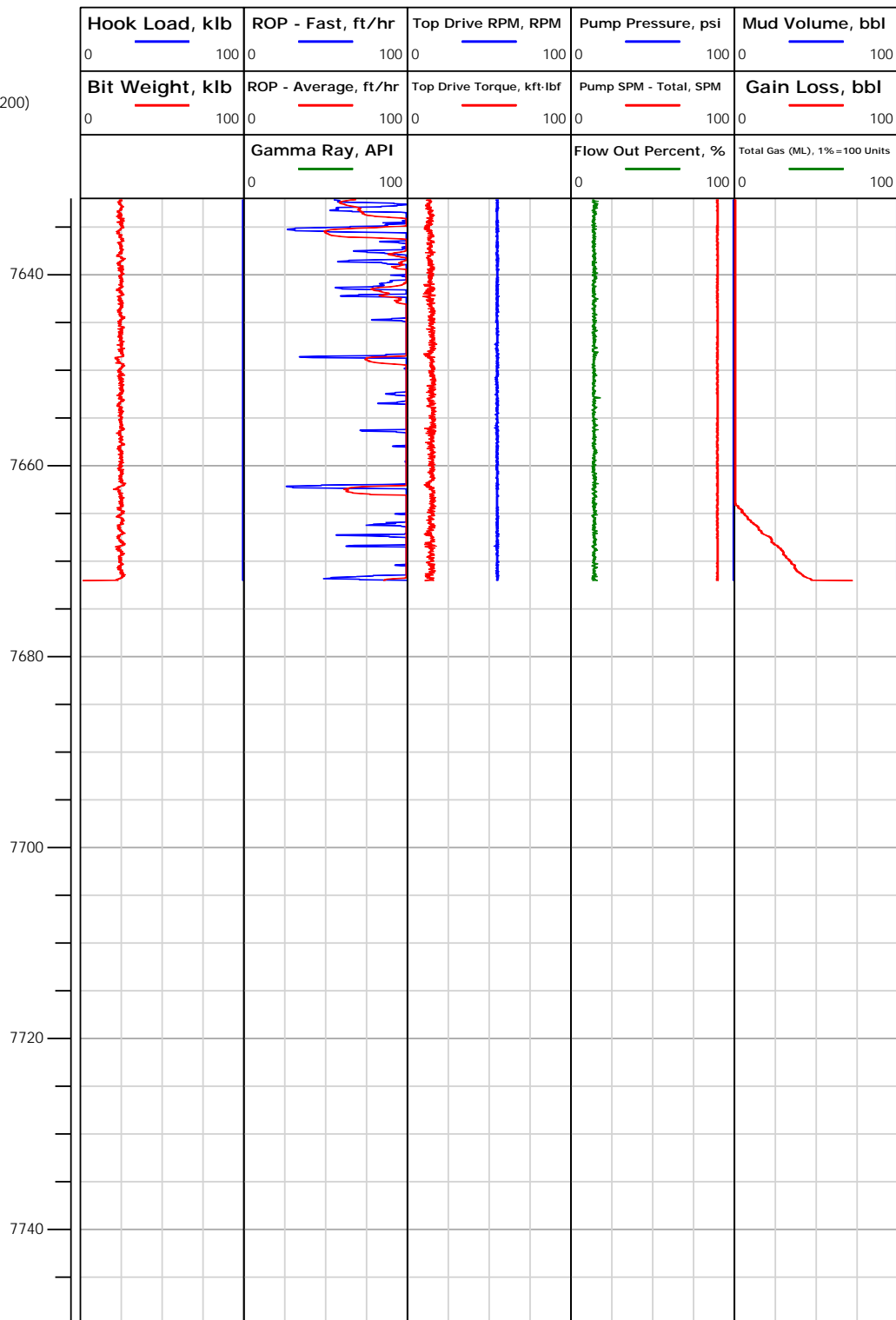
Location:

Depth in ft (1:200)

Notes

Jul 22, 2017
21:05

21:15



7672.05: Rig Floor set Bit
 Position from 7621.33 ft to
 7627.10 ft
 7672.05: Rig Floor set Bit
 Position from 7661.38 ft to
 7662.00 ft
 7672.05: Rig Floor set Bit
 Position from 1359.35 ft to
 1938.00 ft