

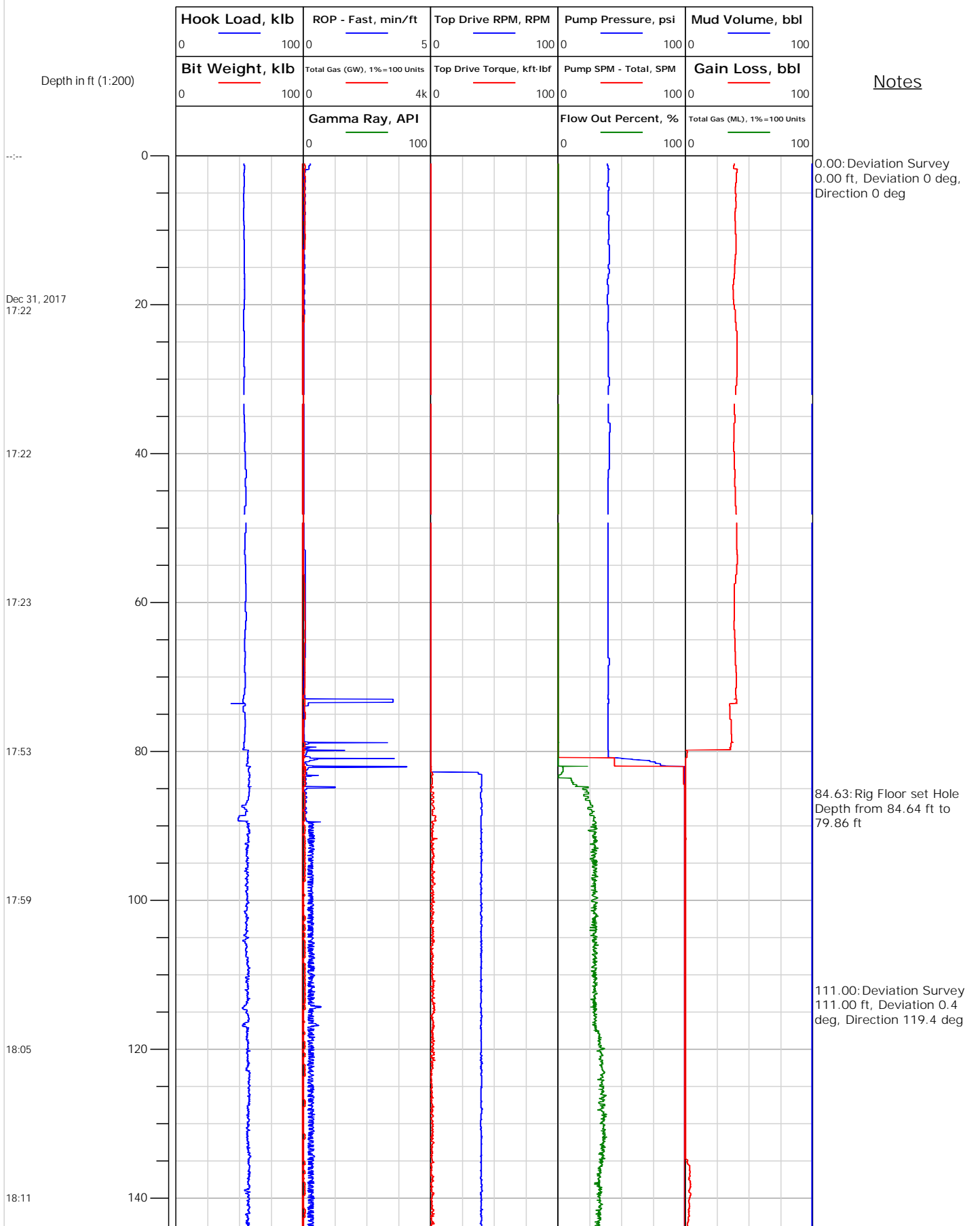


Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:





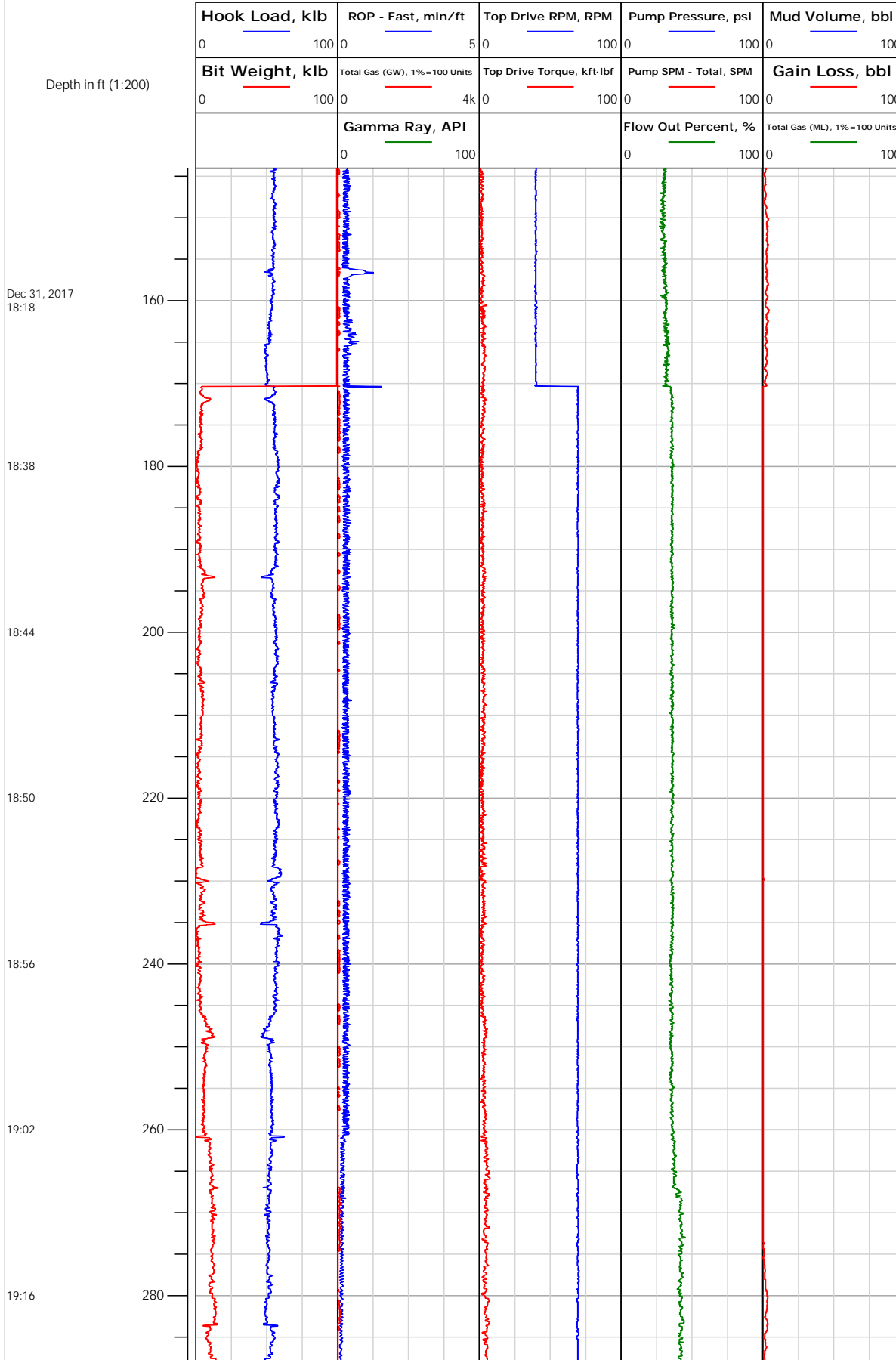
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes



202.00: Deviation Survey
 202.00 ft, Deviation 0.1 deg, Direction 343.7 deg



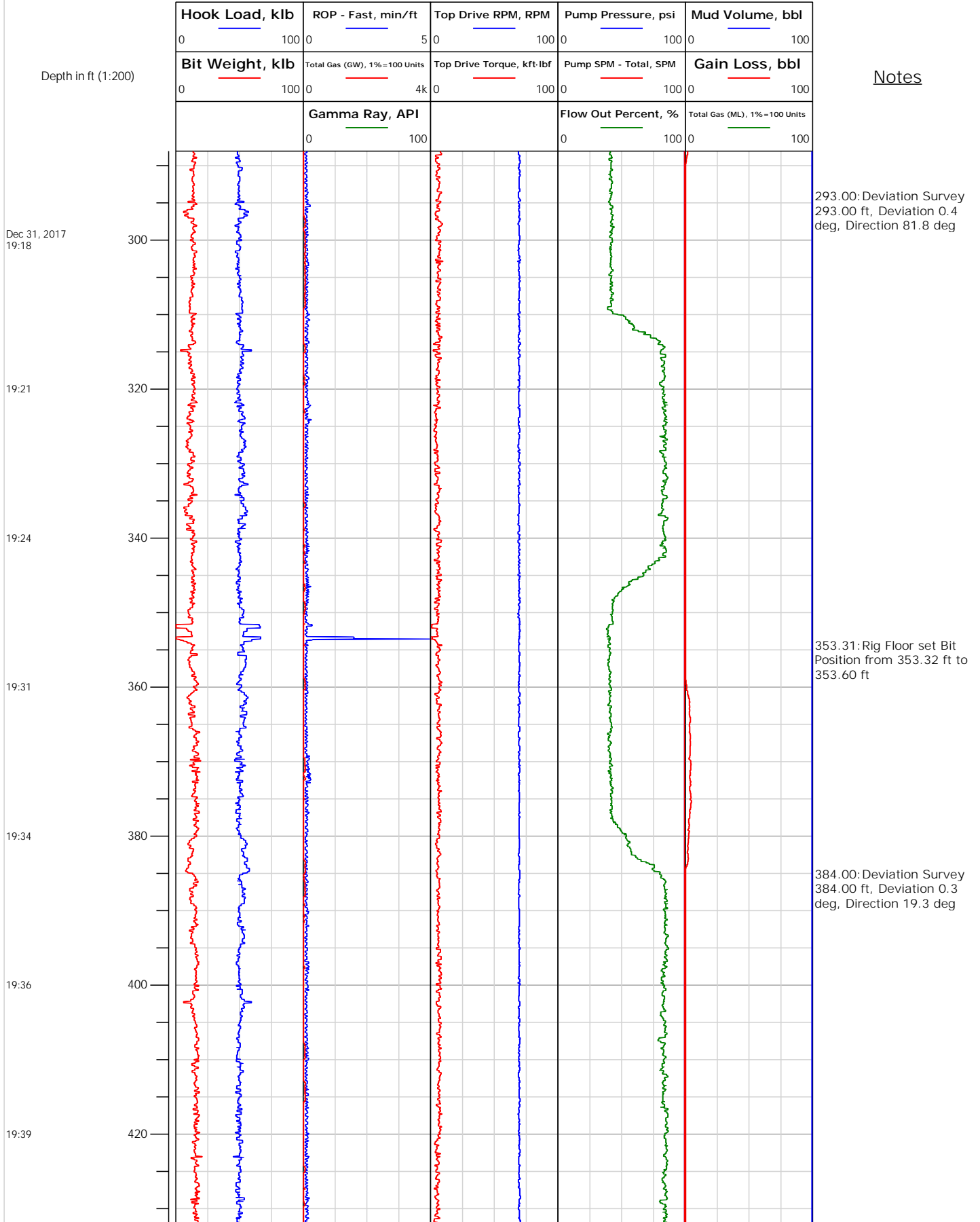
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Depth in ft (1:200)

Notes

Dec 31, 2017
19:41

19:49

19:51

19:53

19:56

20:03

20:05

440

460

480

500

520

540

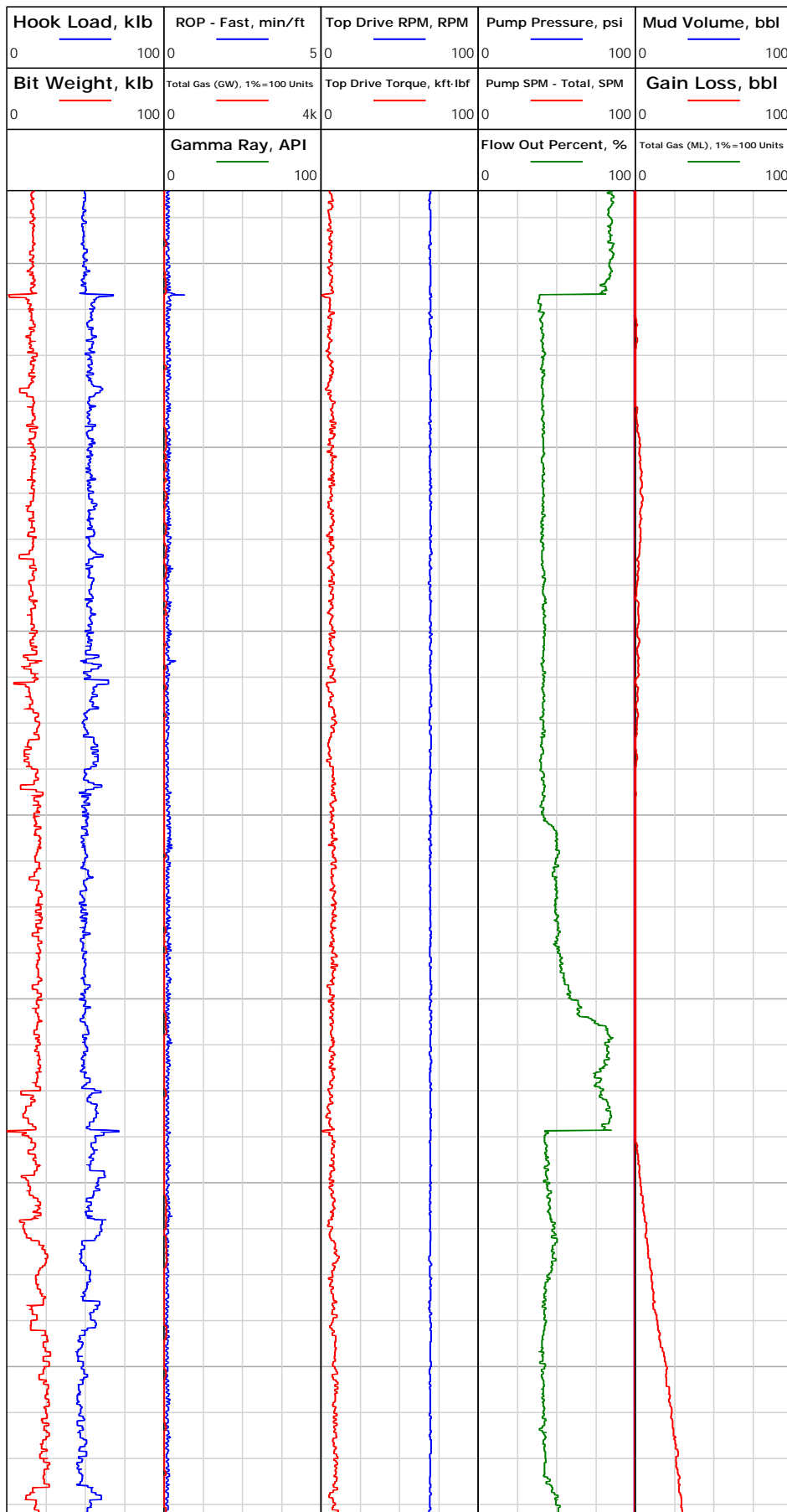
560

443.33: Connection @
443.33 ft

475.99: Deviation Survey
476.00 ft, Deviation 0.4
deg, Direction 48.9 deg

534.44: Connection @
534.44 ft

567.00: Deviation Survey
567.00 ft, Deviation 0.6
deg, Direction 68.4 deg





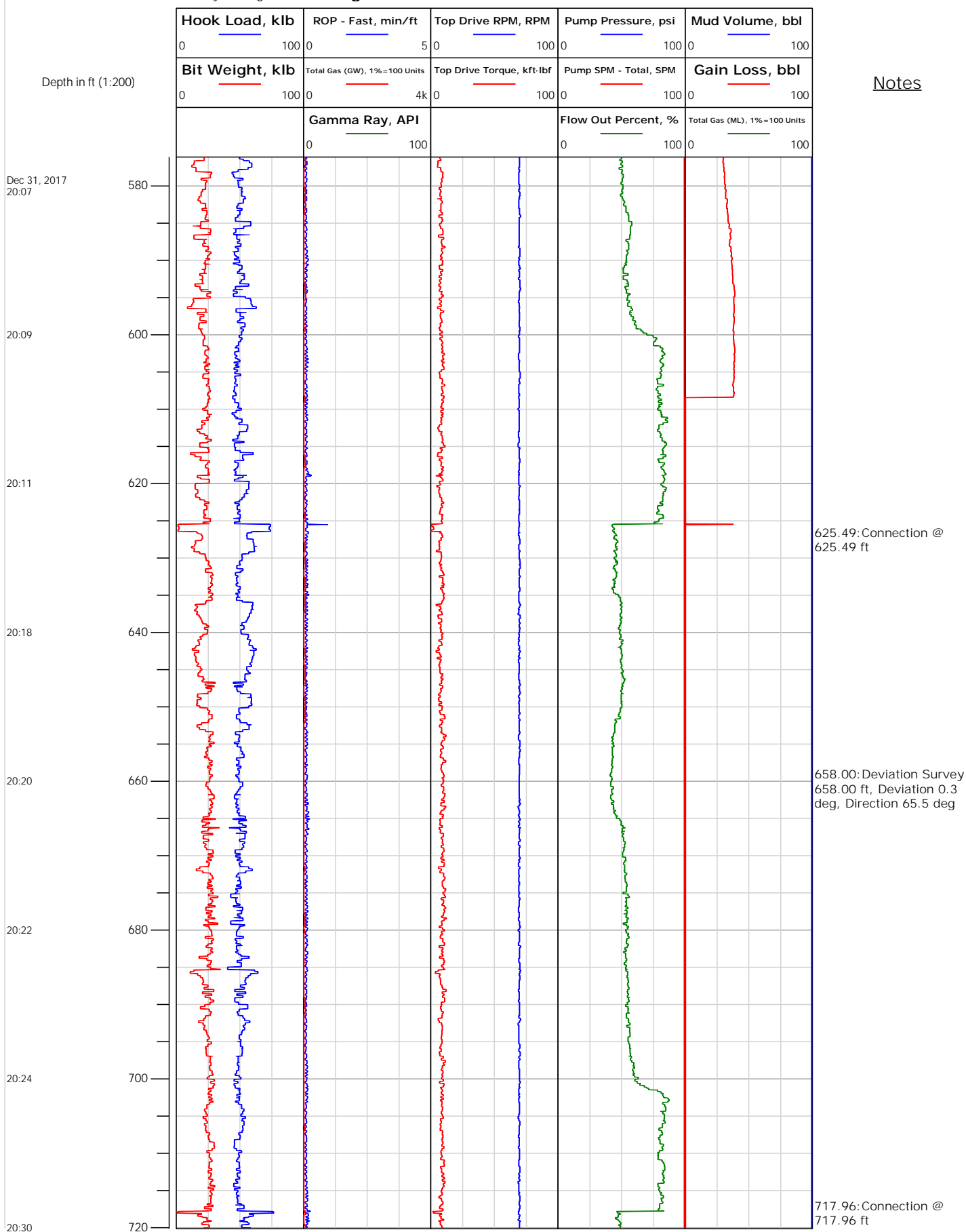
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





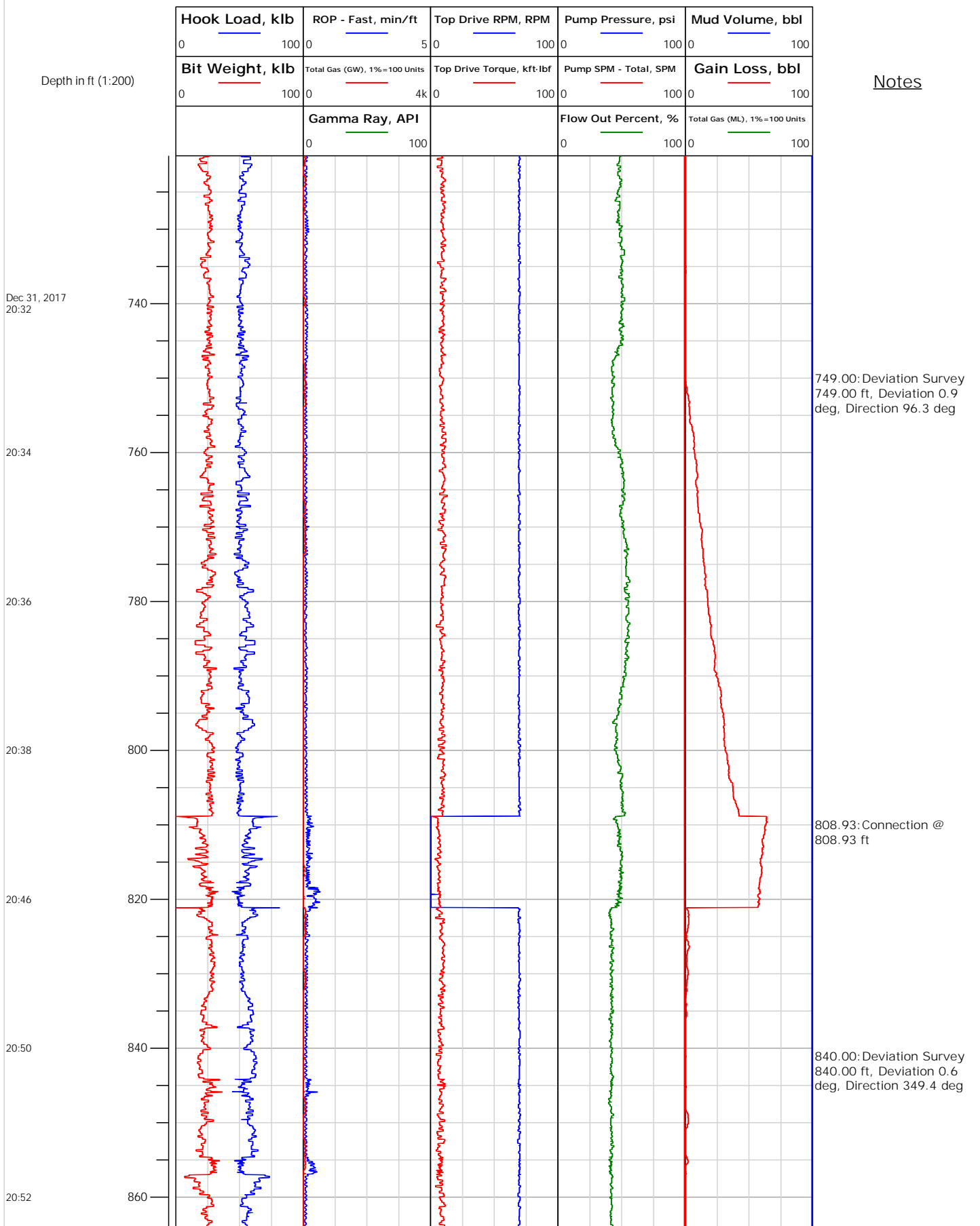
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





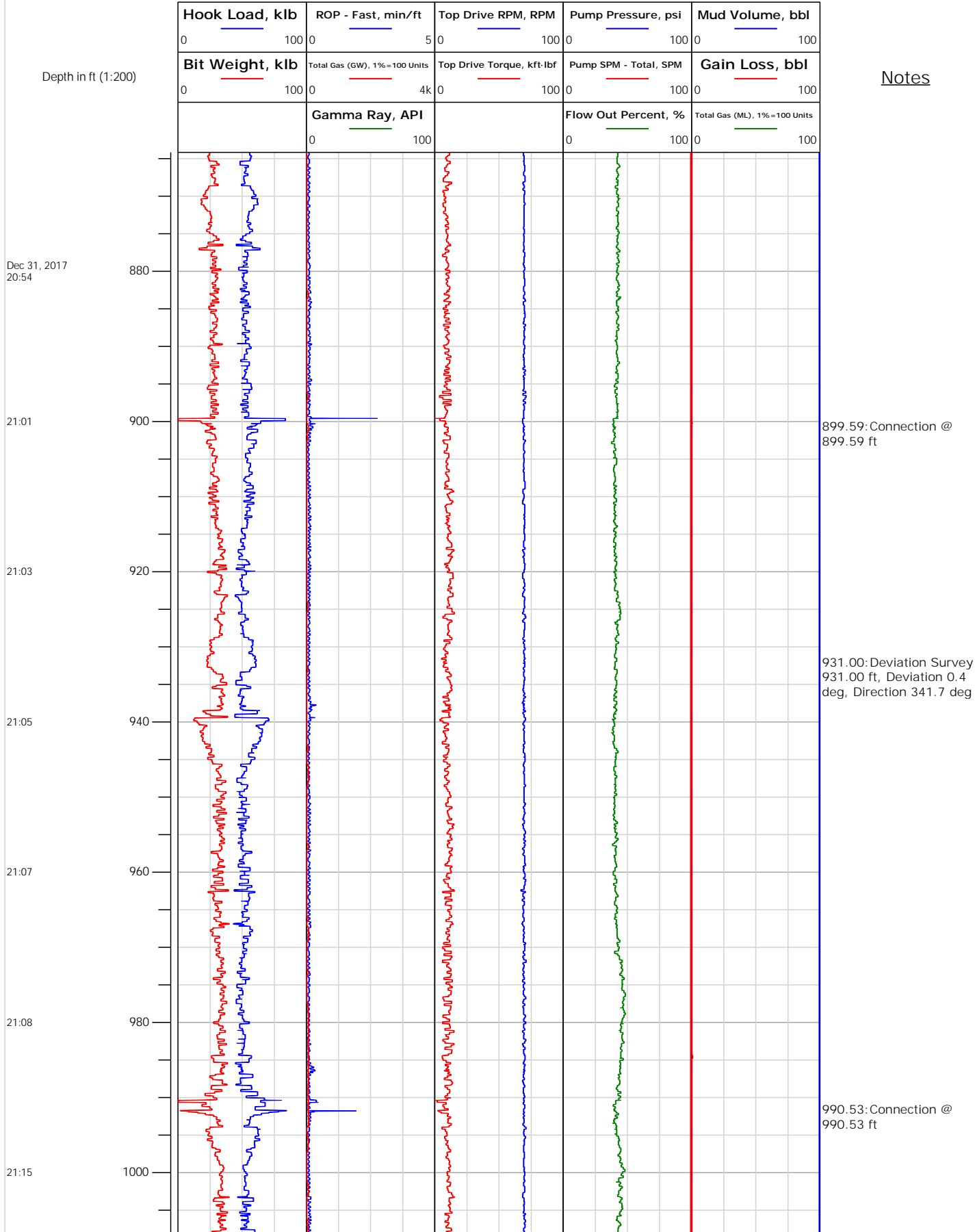
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





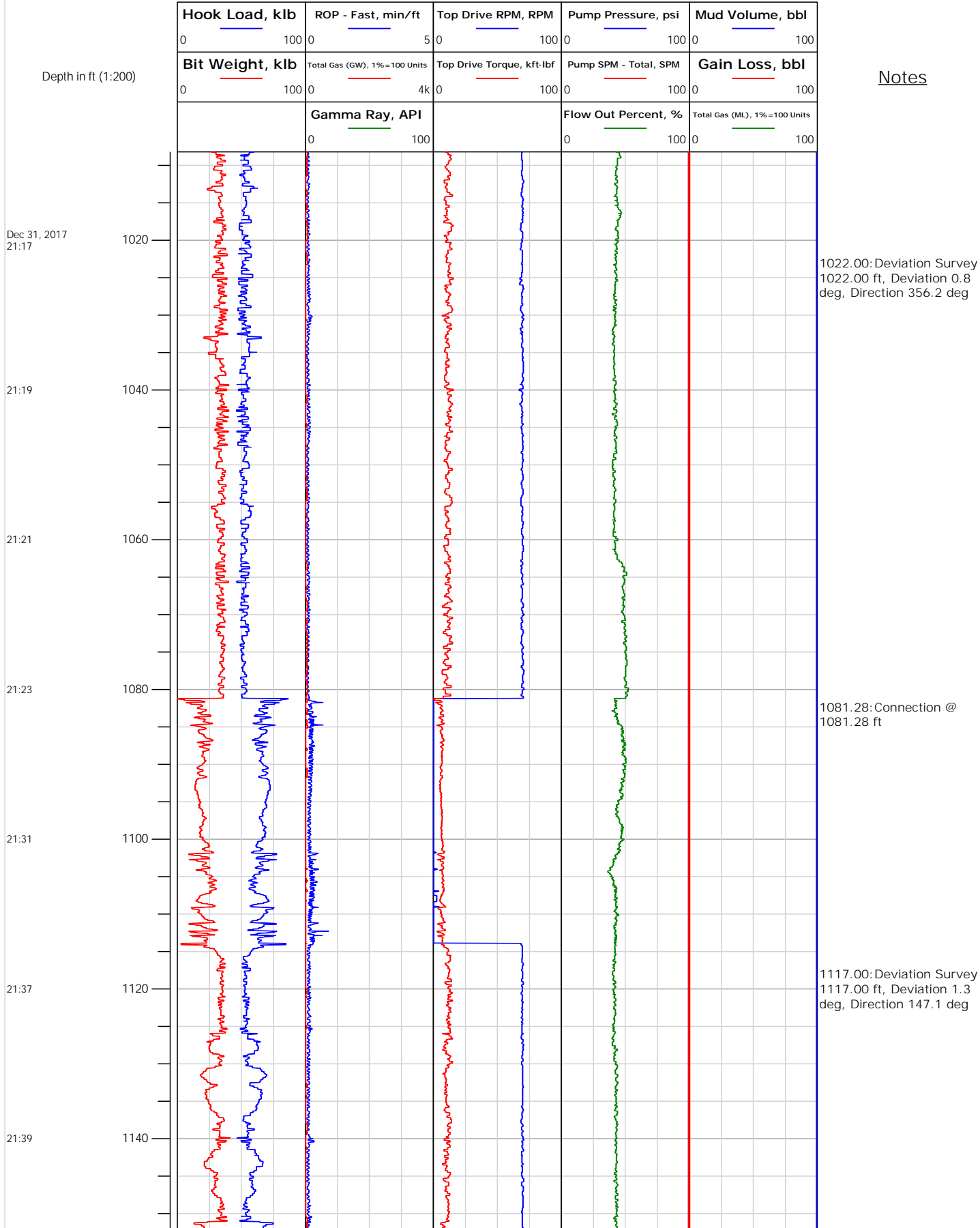
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





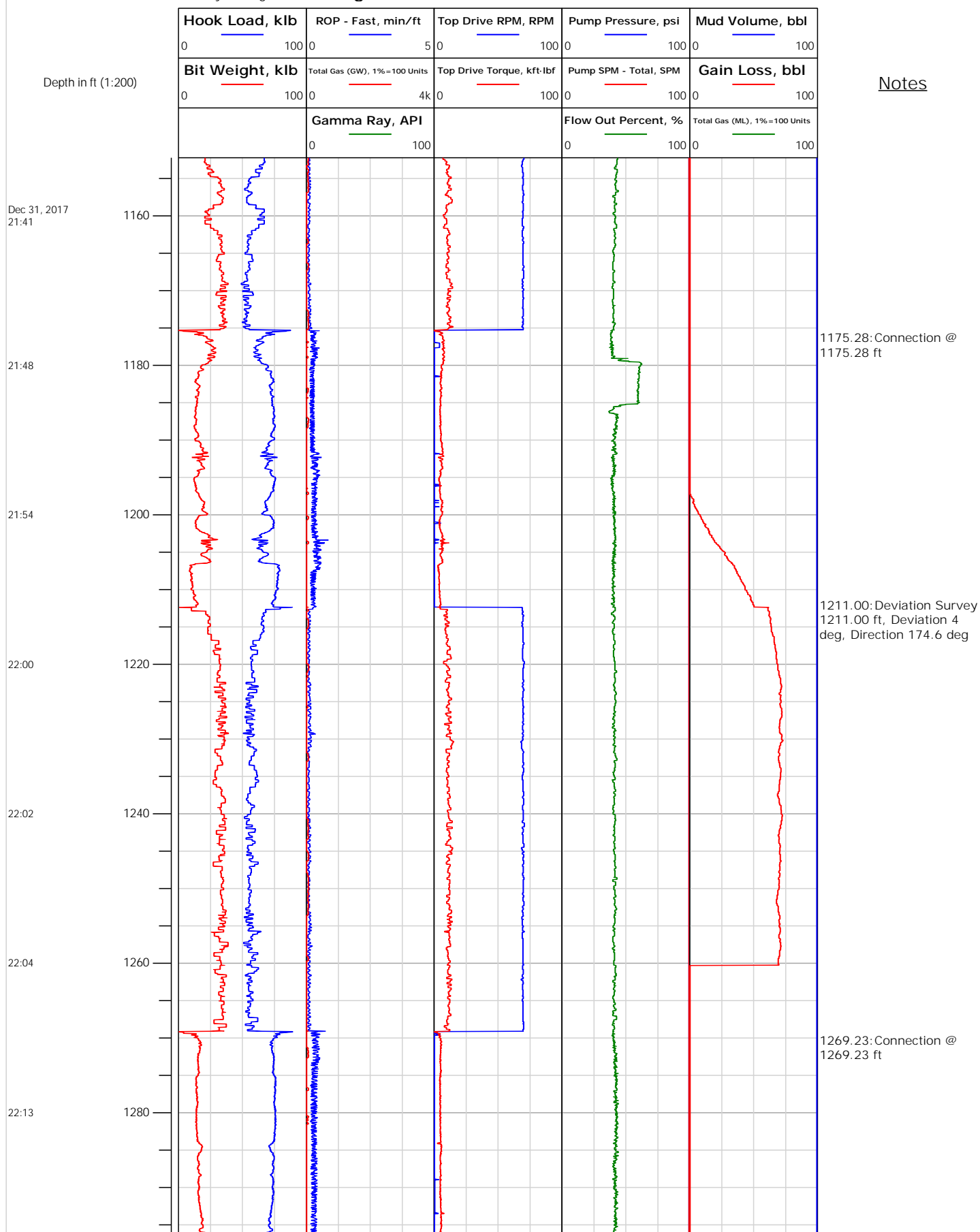
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





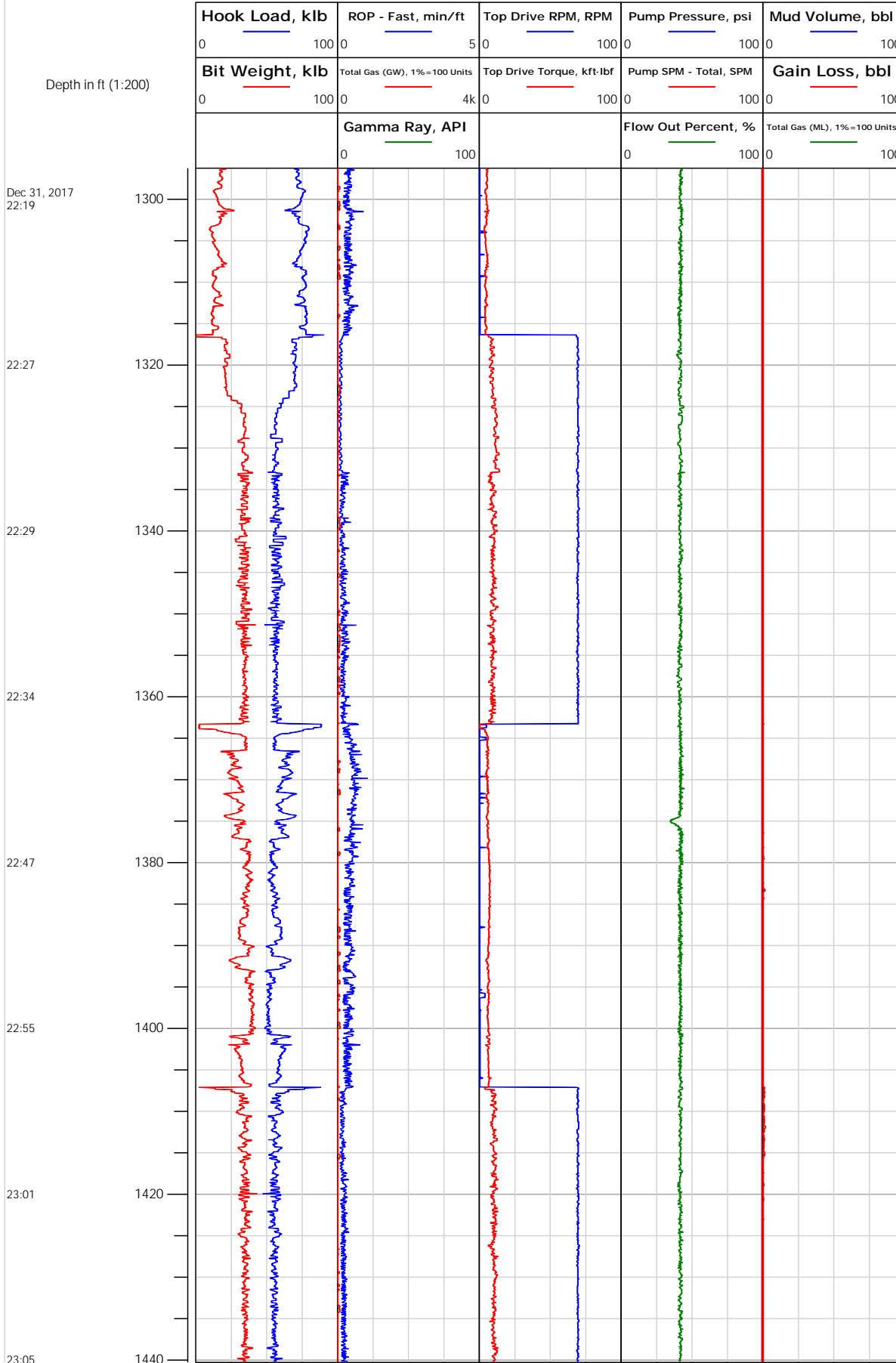
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes



1305.00: Deviation Survey
 1305.00 ft, Deviation 7.1 deg, Direction 173.1 deg

1363.32: Connection @
 1363.32 ft

1399.00: Deviation Survey
 1399.00 ft, Deviation 10.6 deg, Direction 158.7 deg



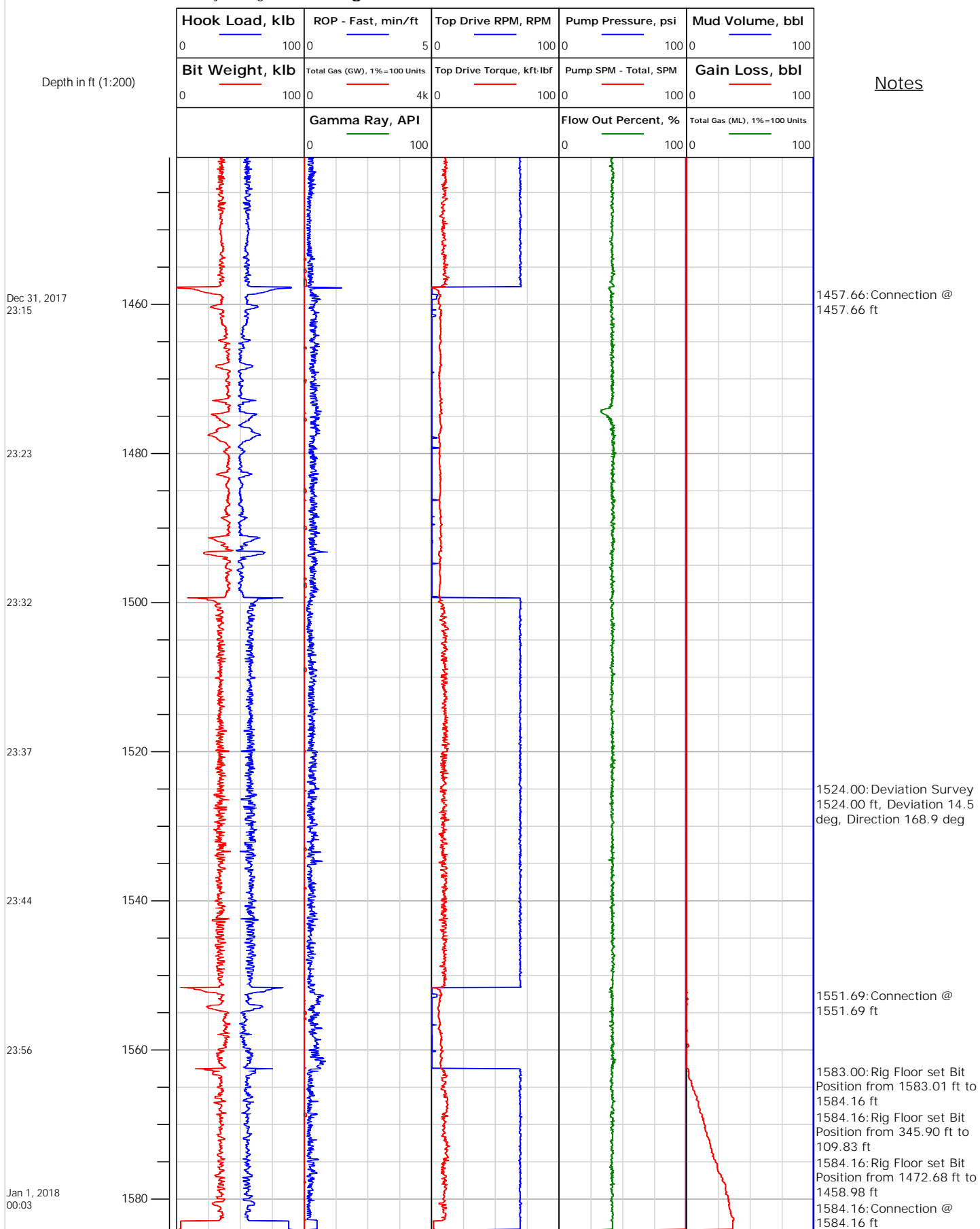
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





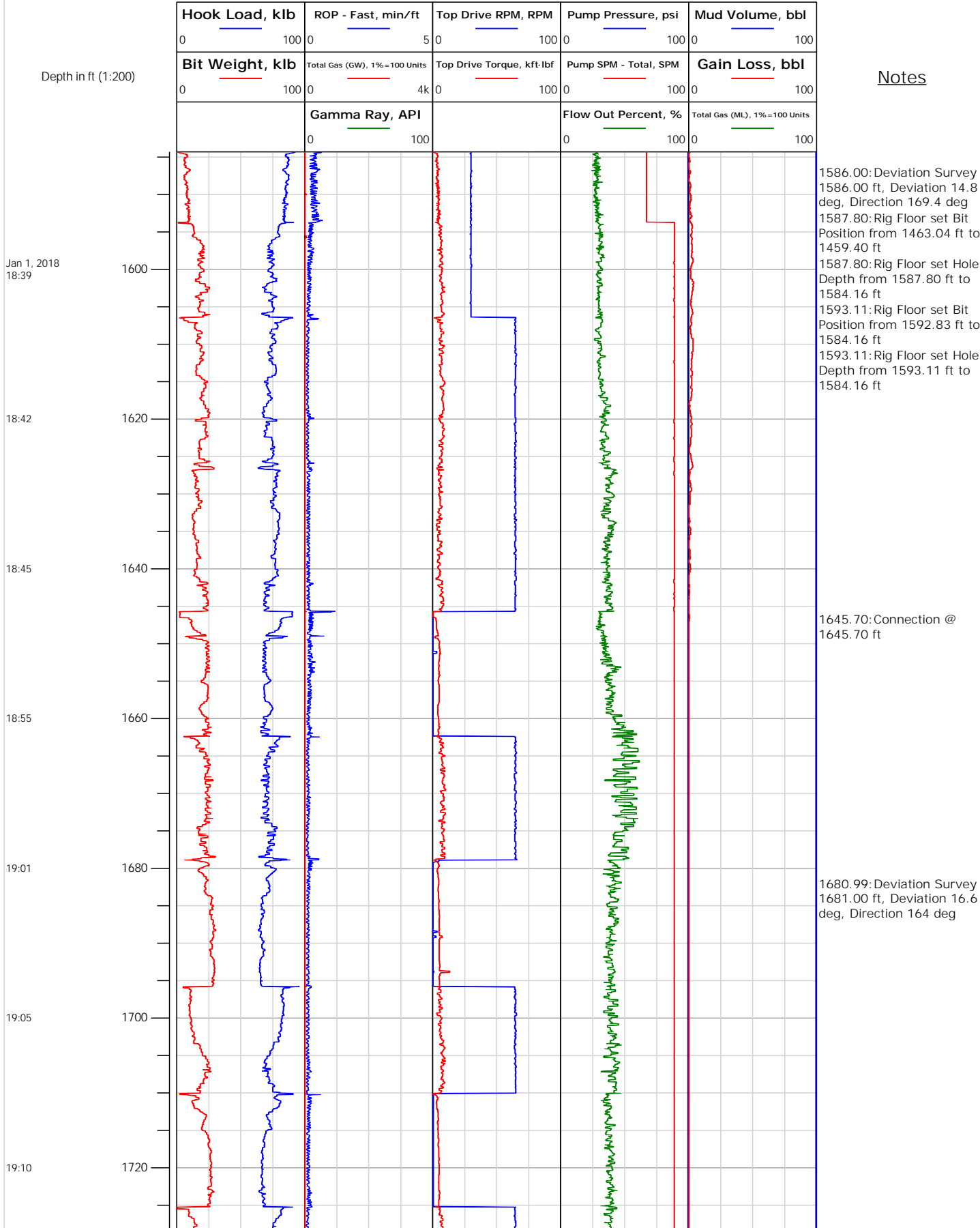
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





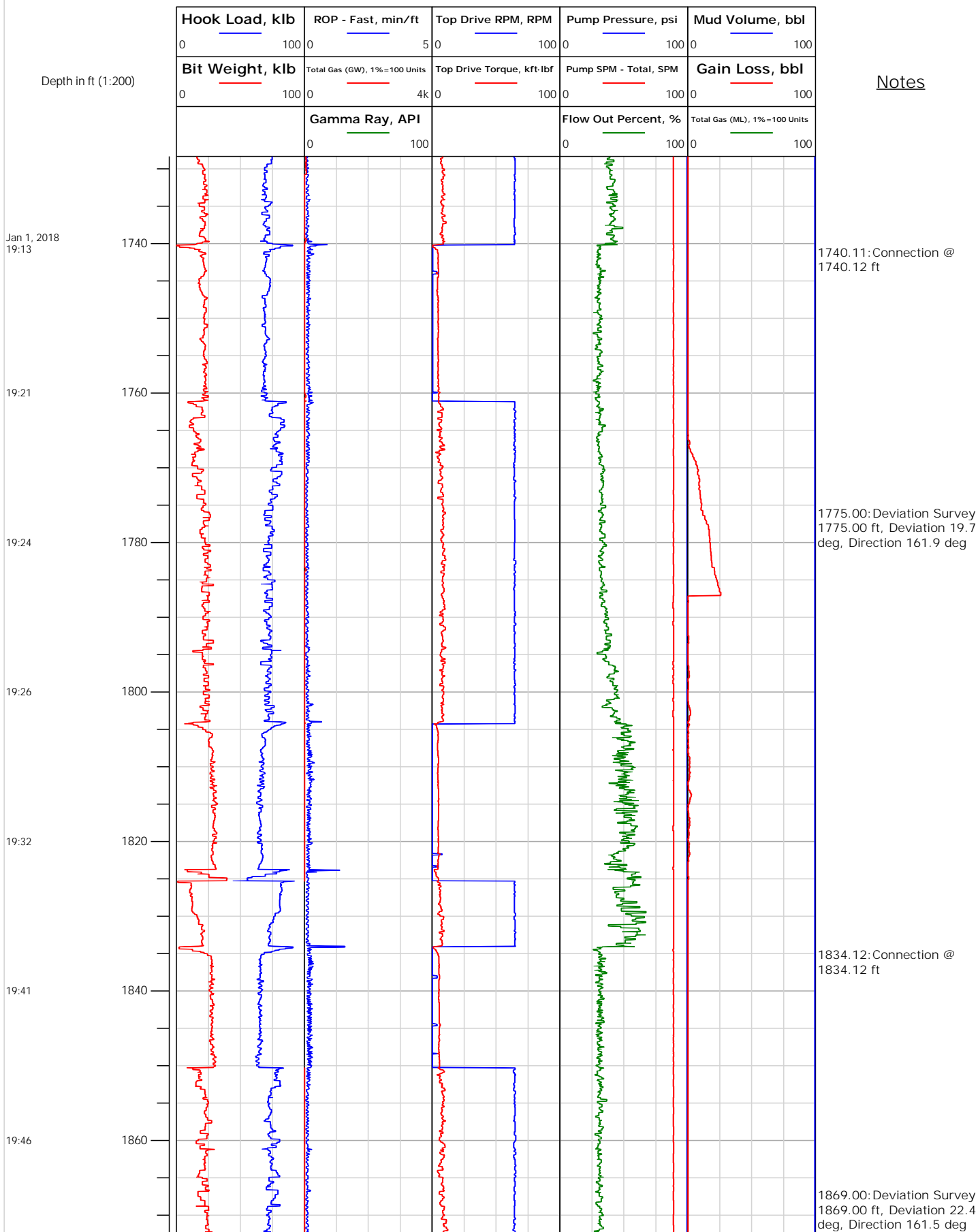
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





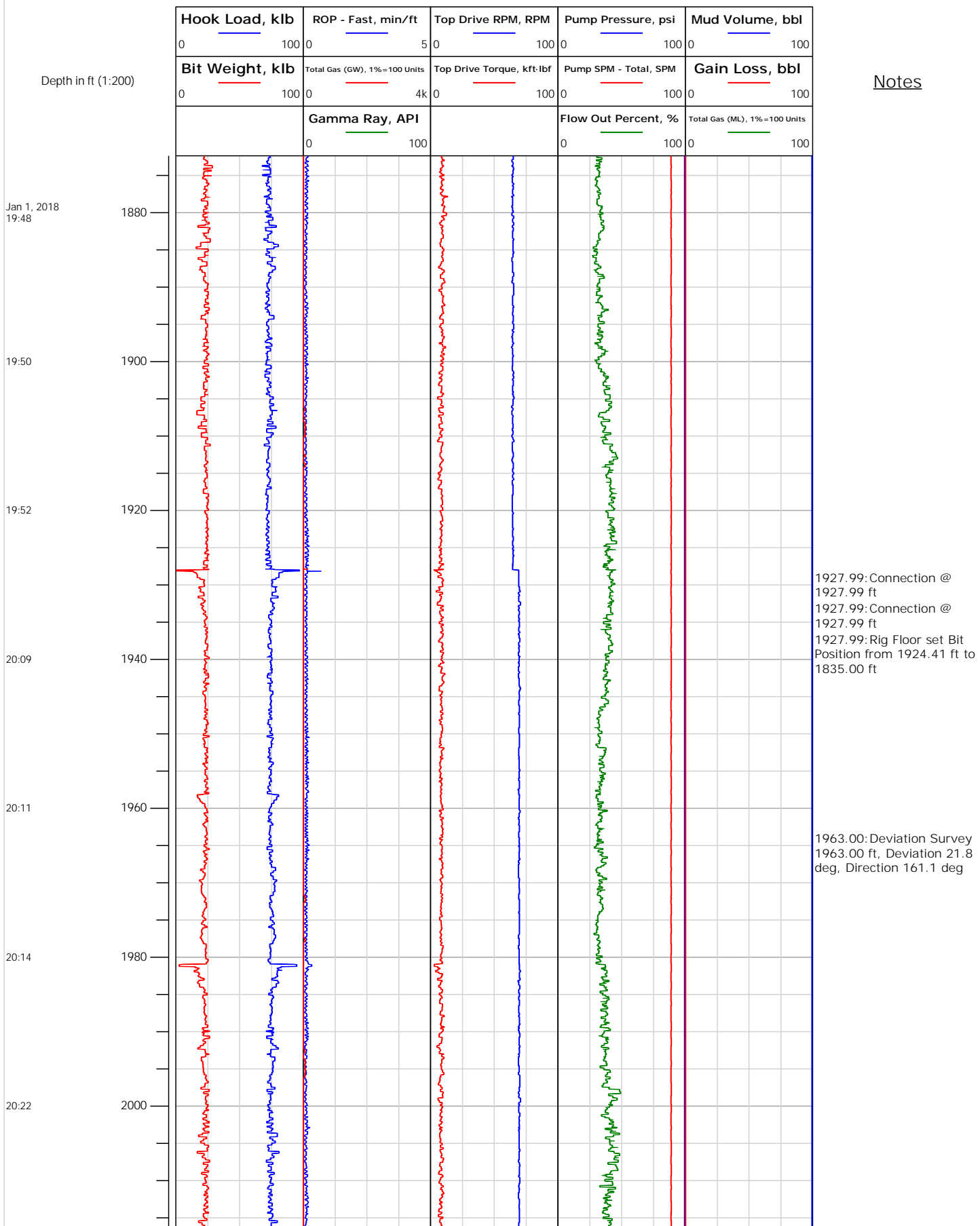
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





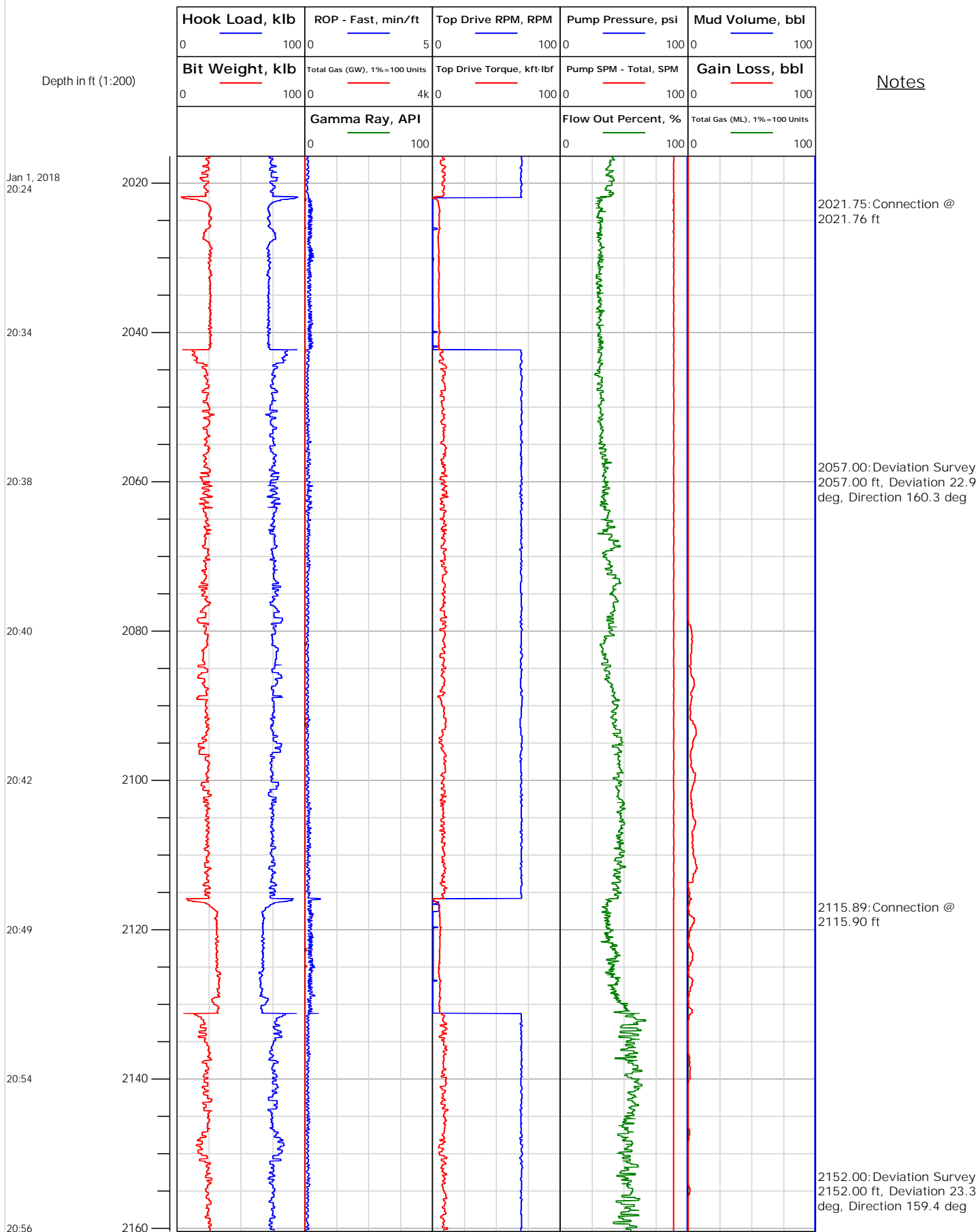
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





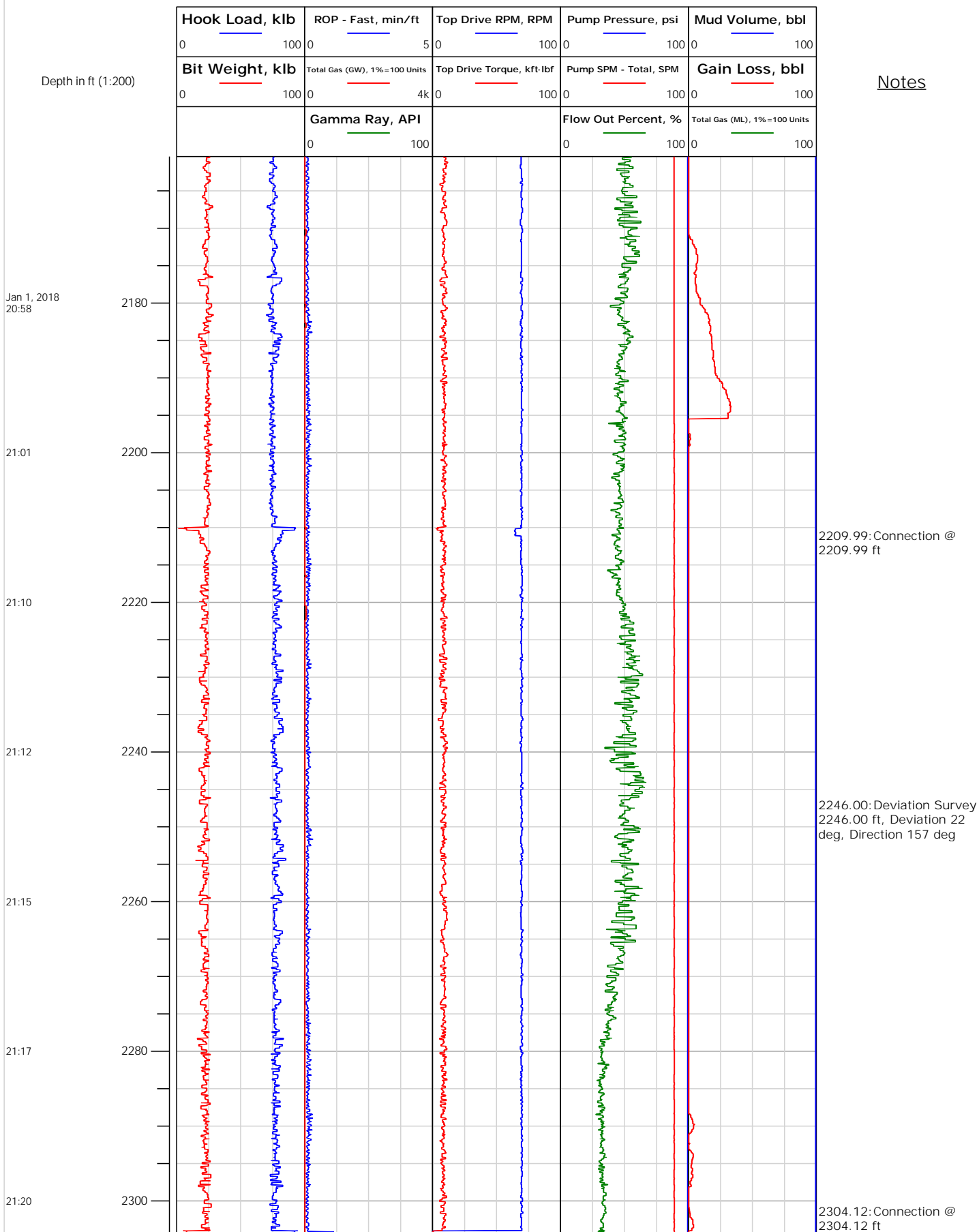
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





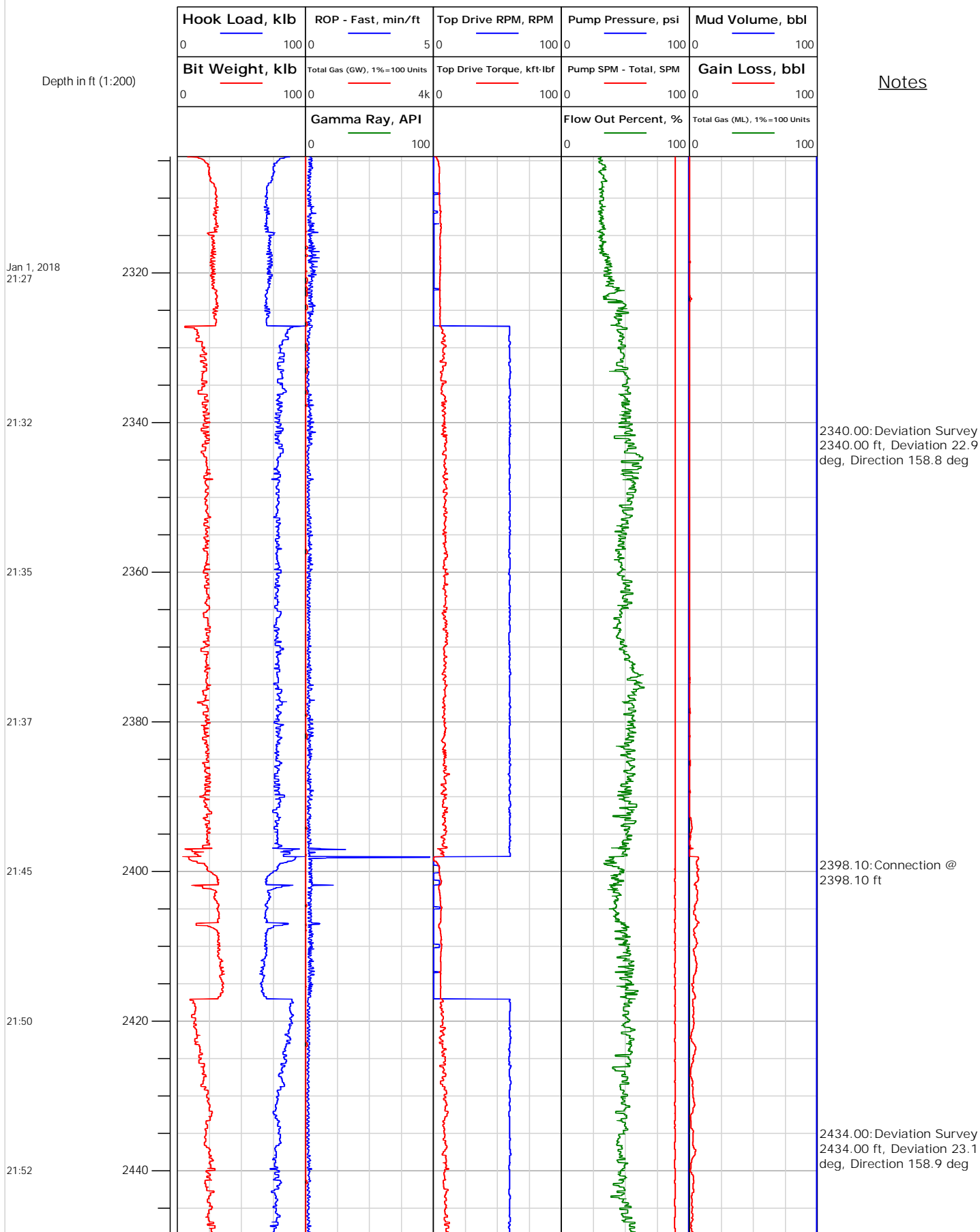
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Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





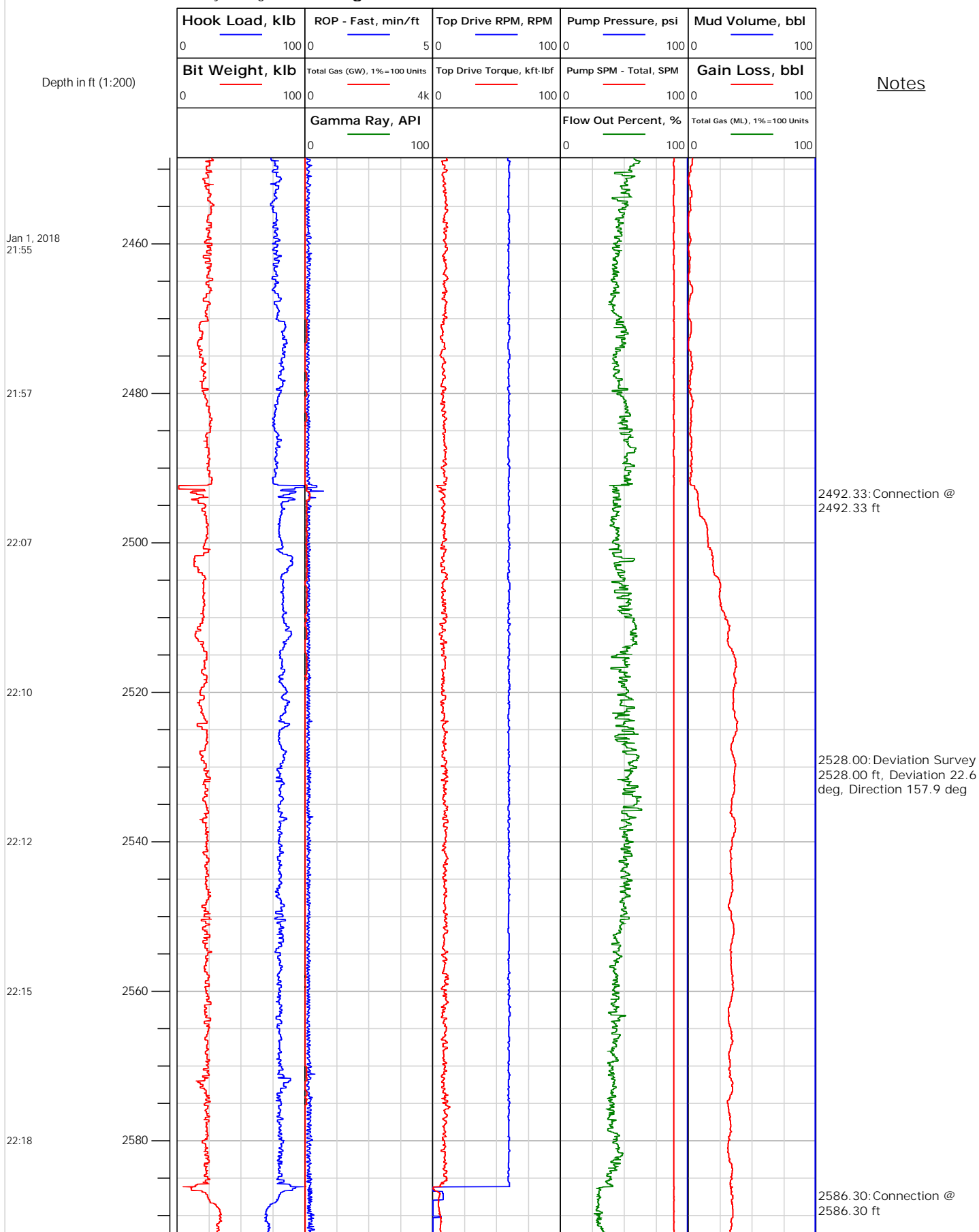
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





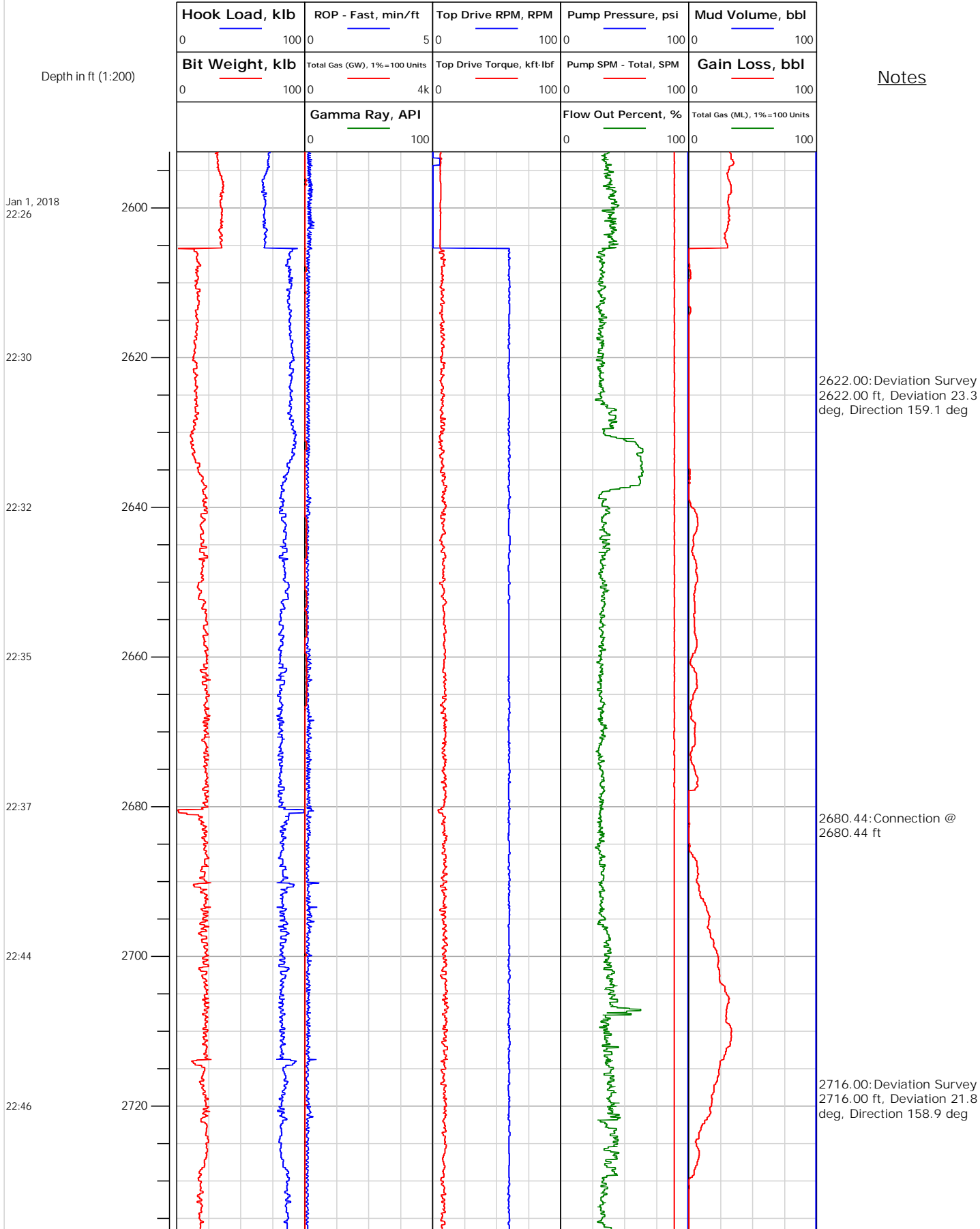
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





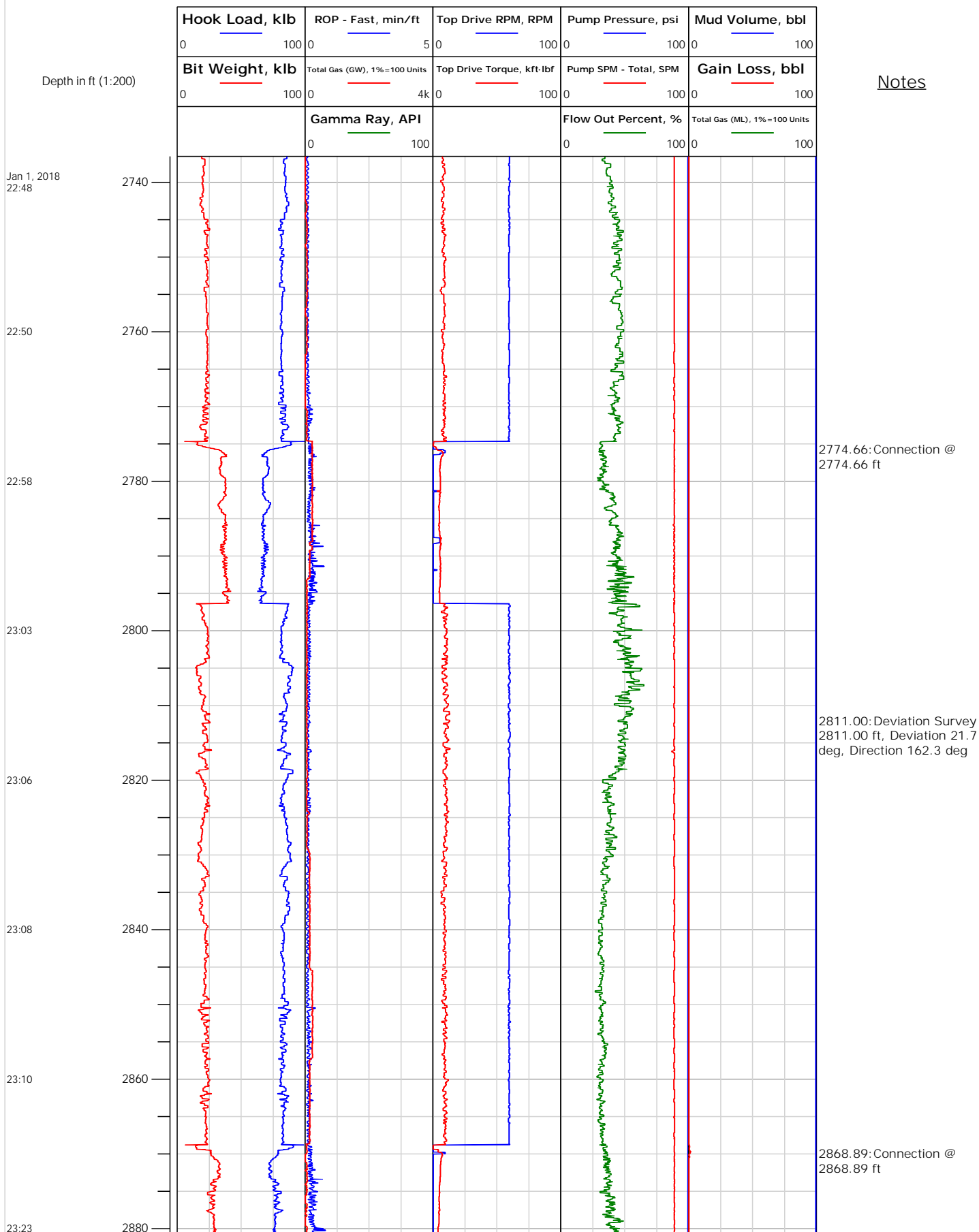
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





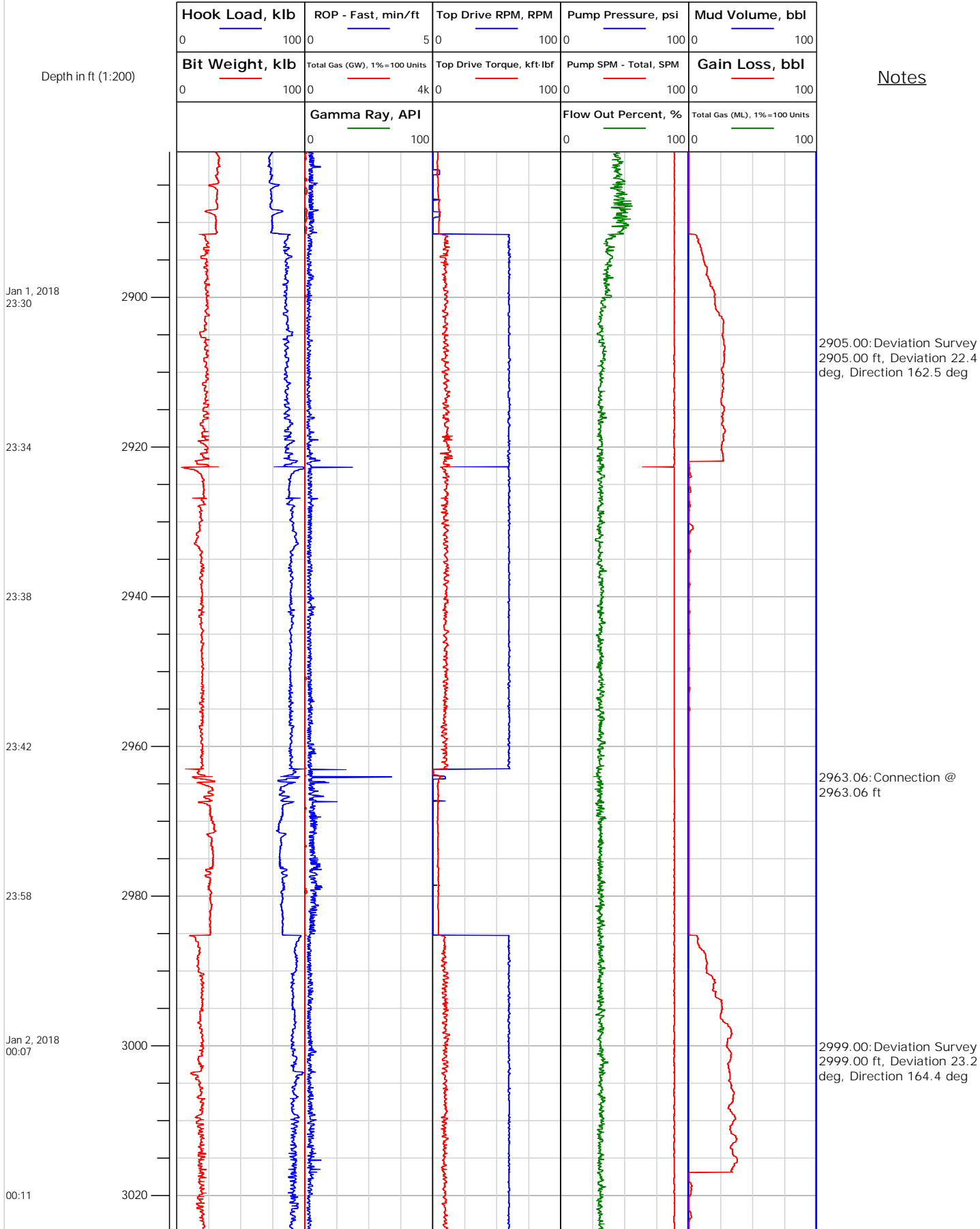
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





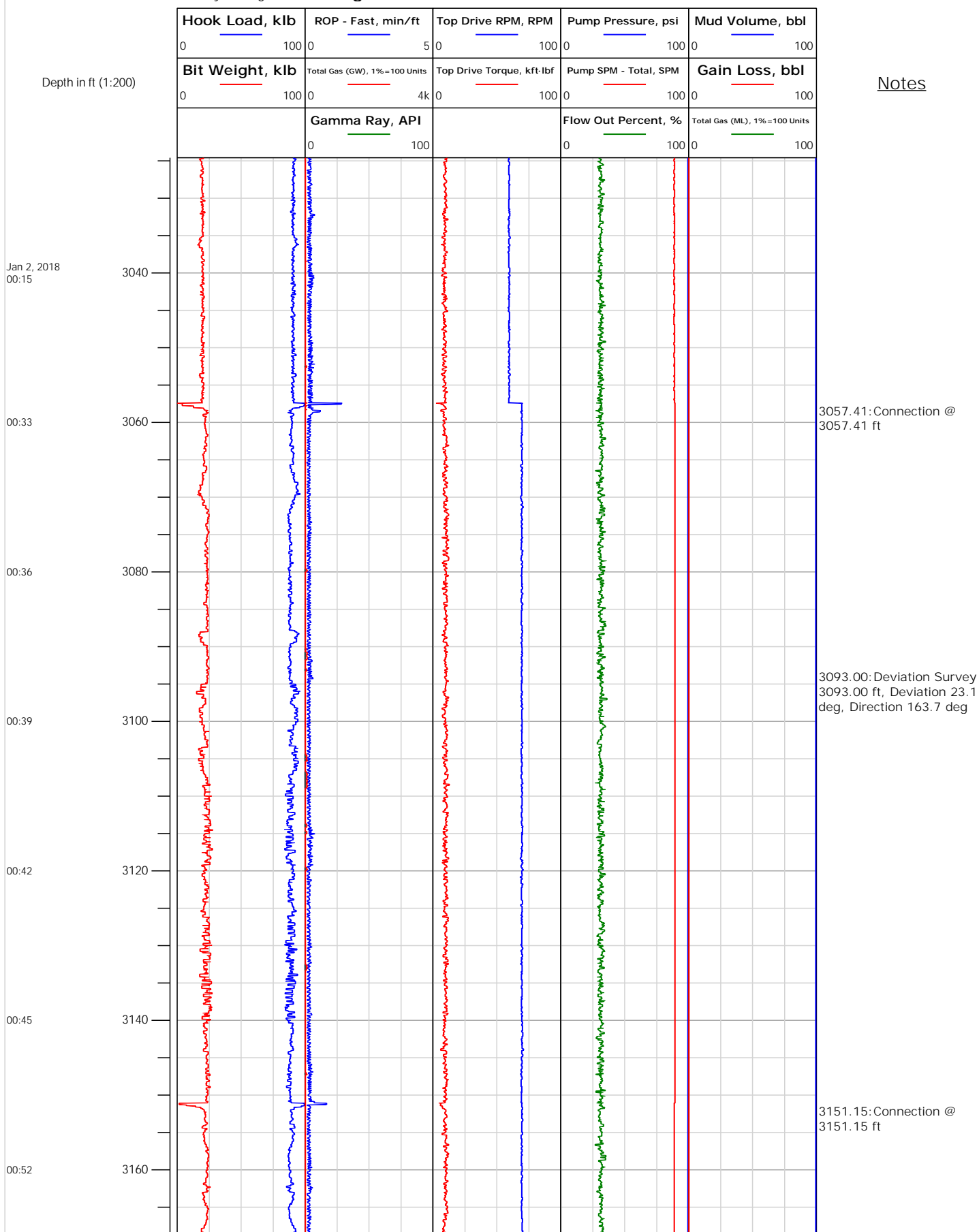
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





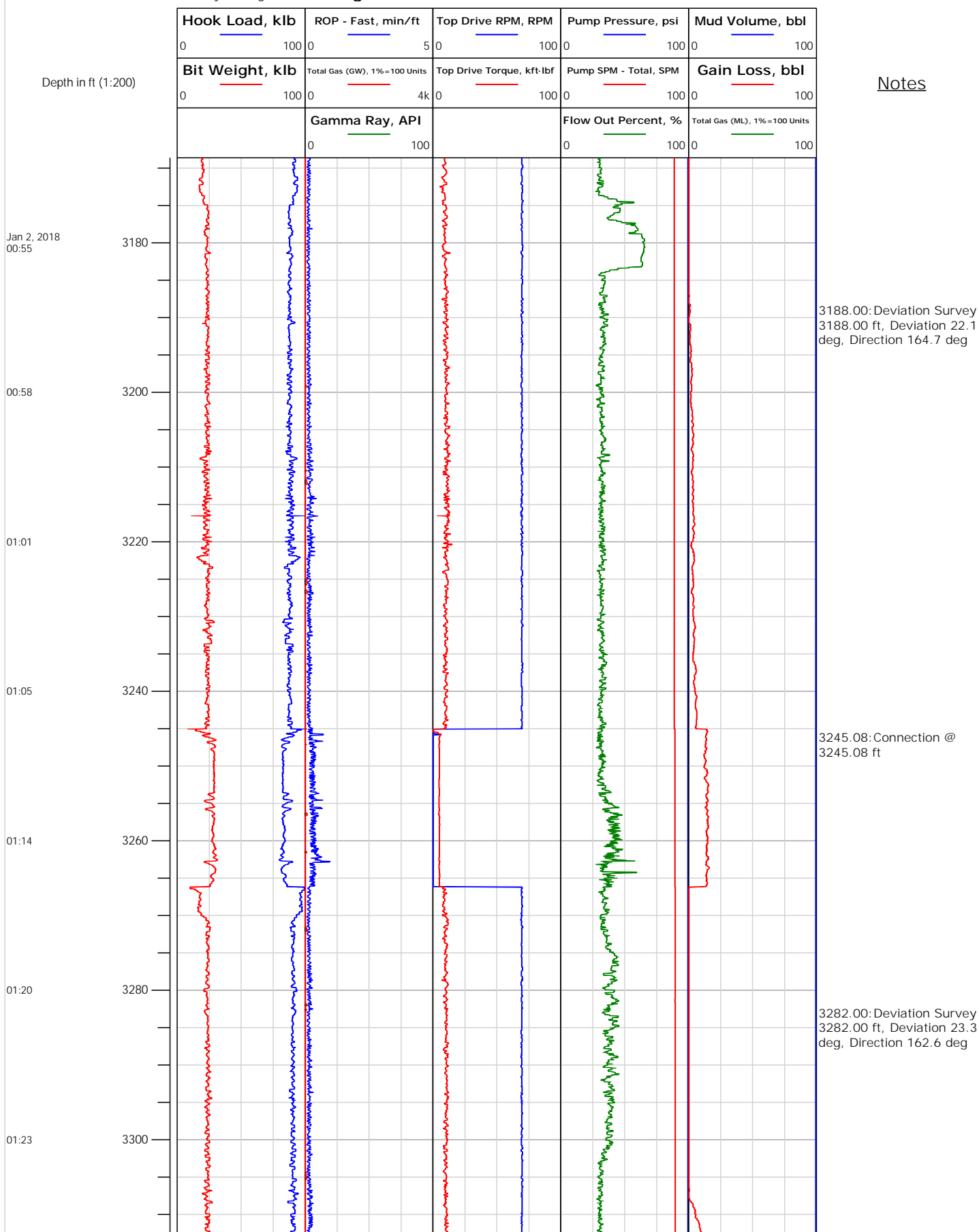
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





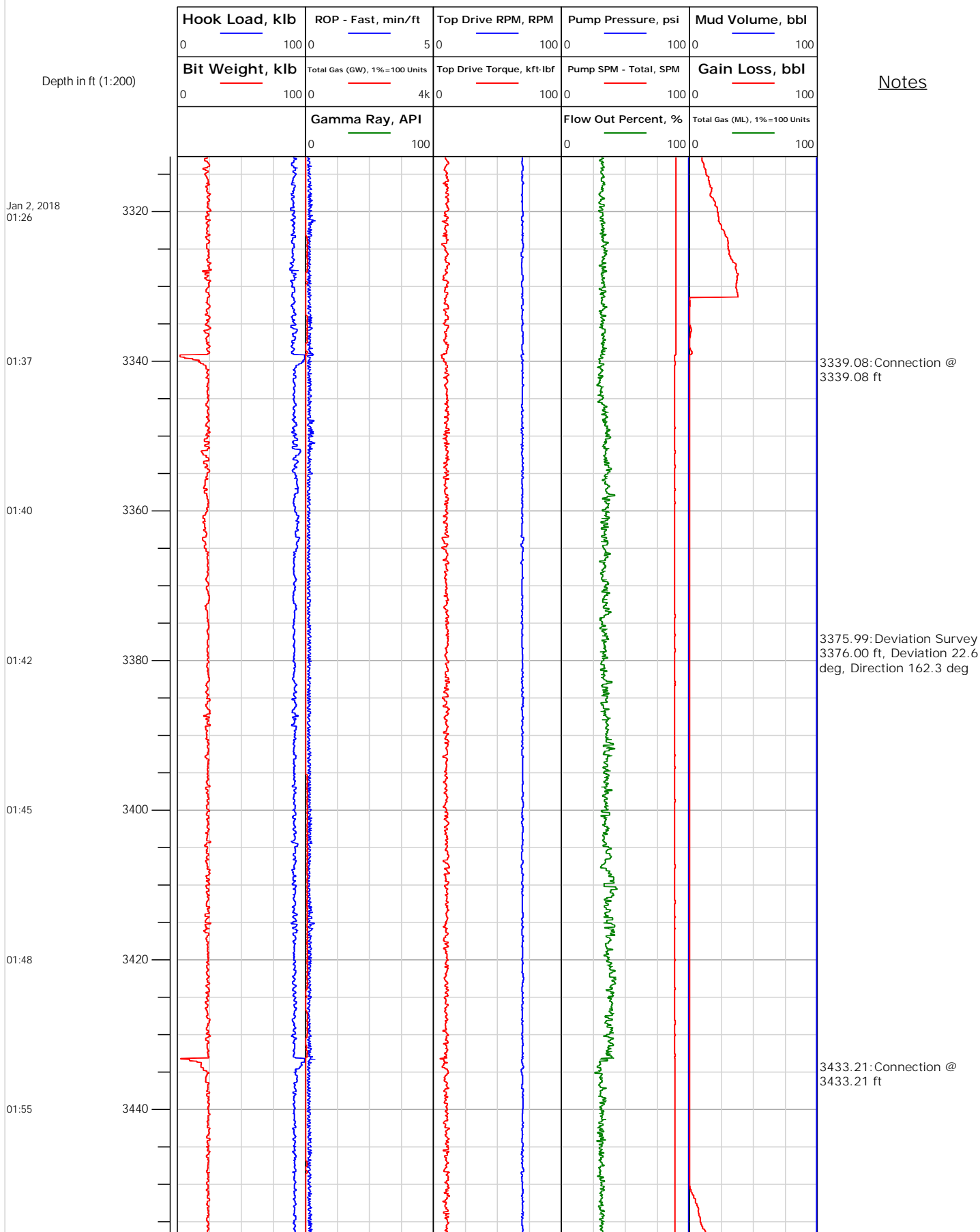
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





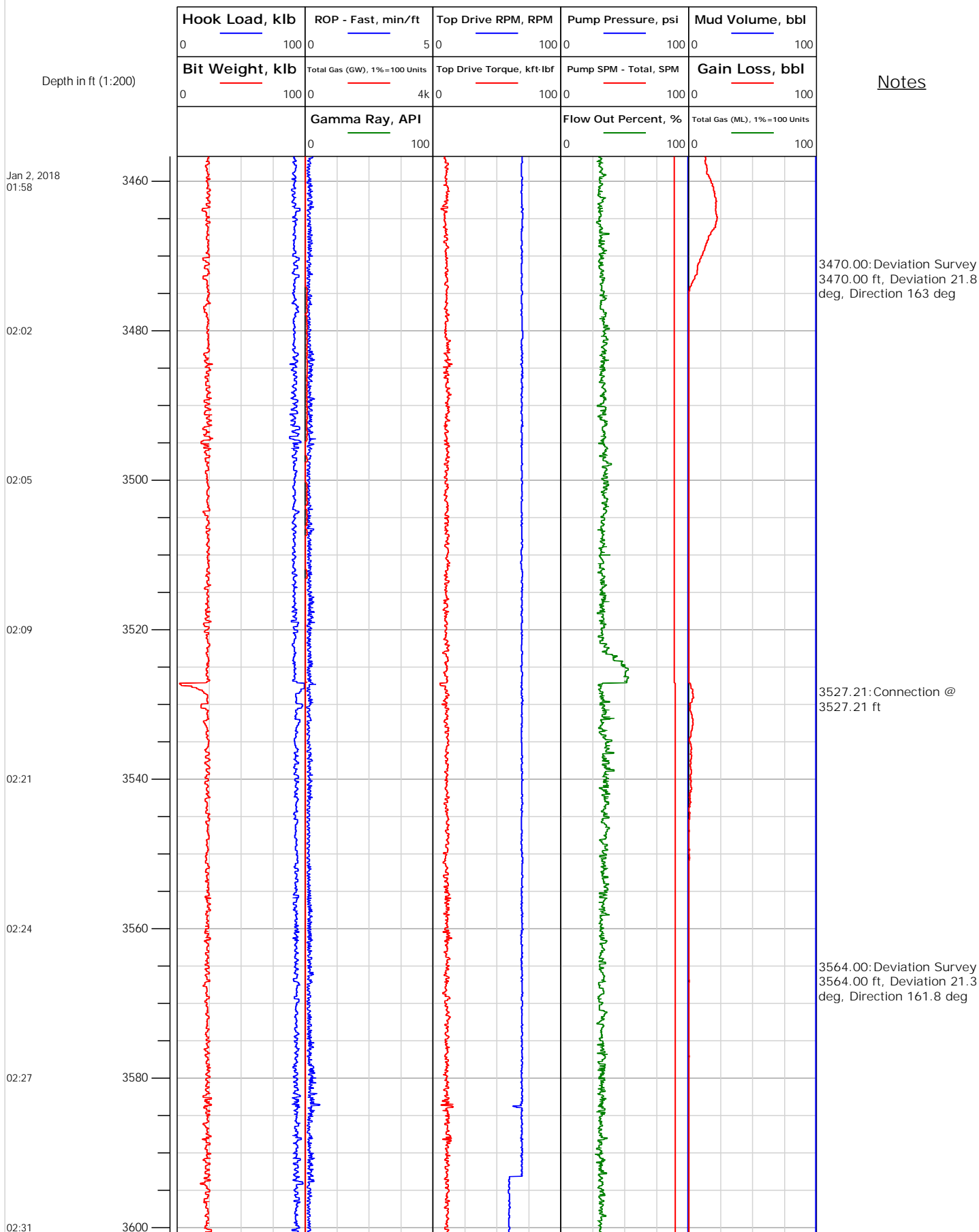
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





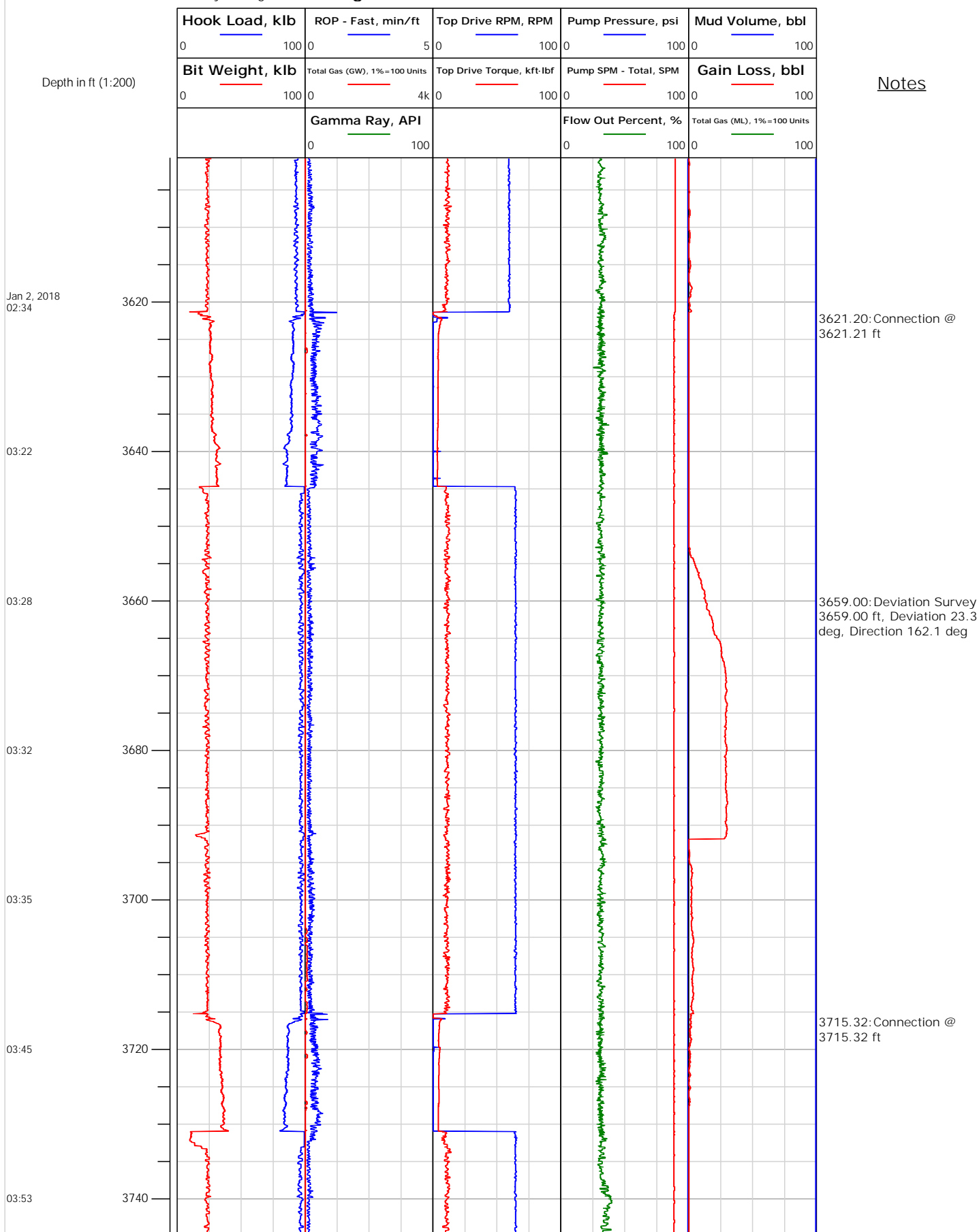
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





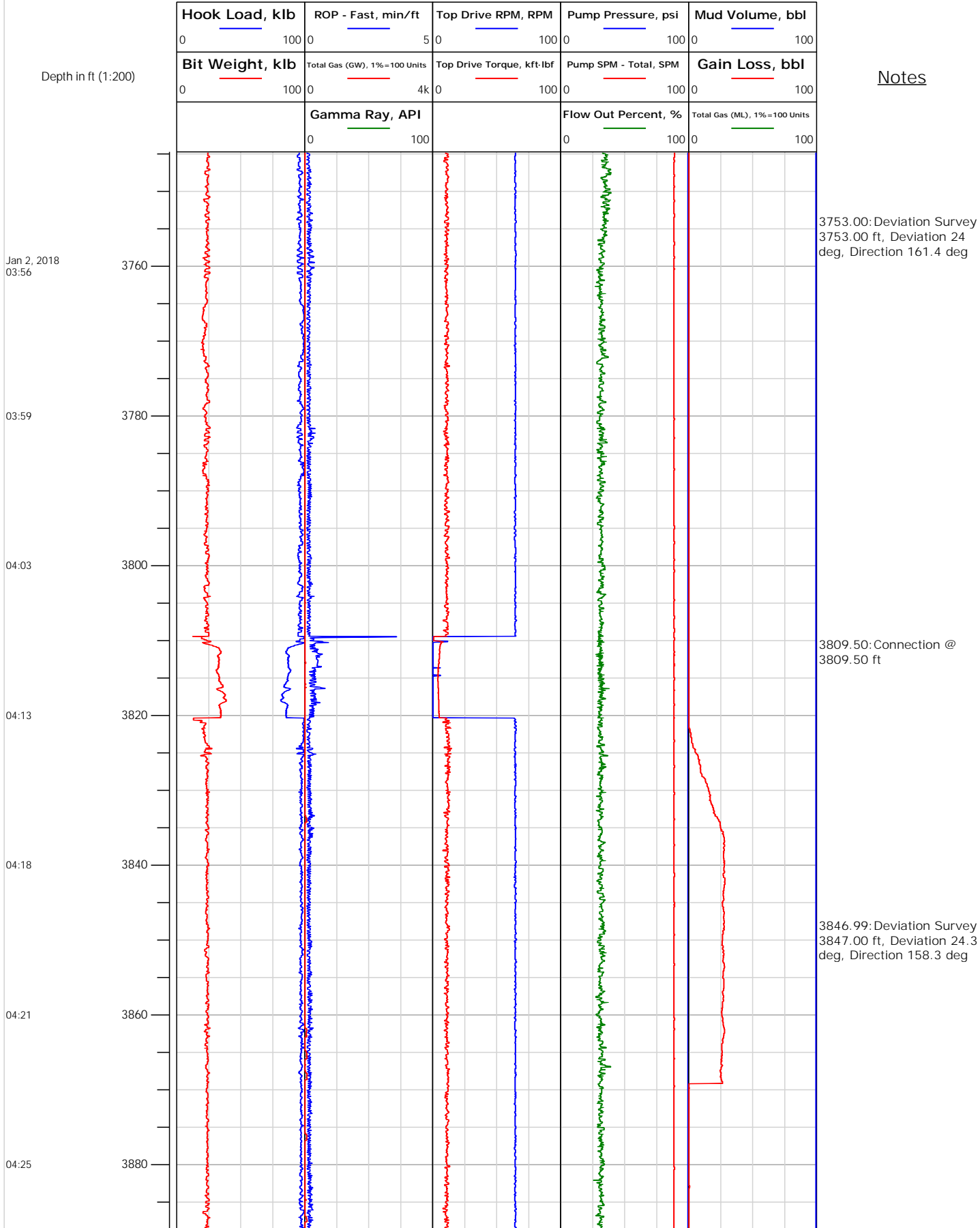
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





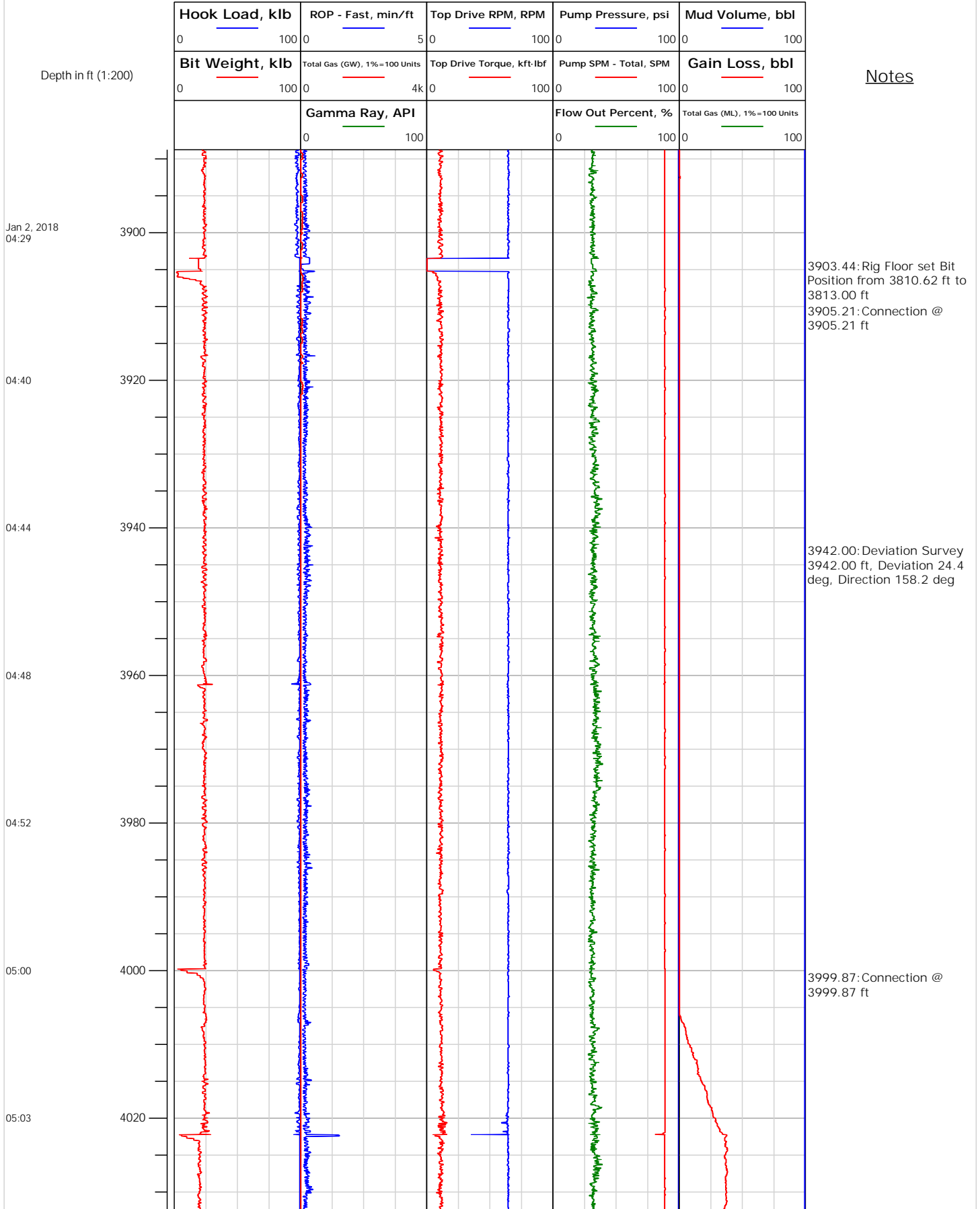
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





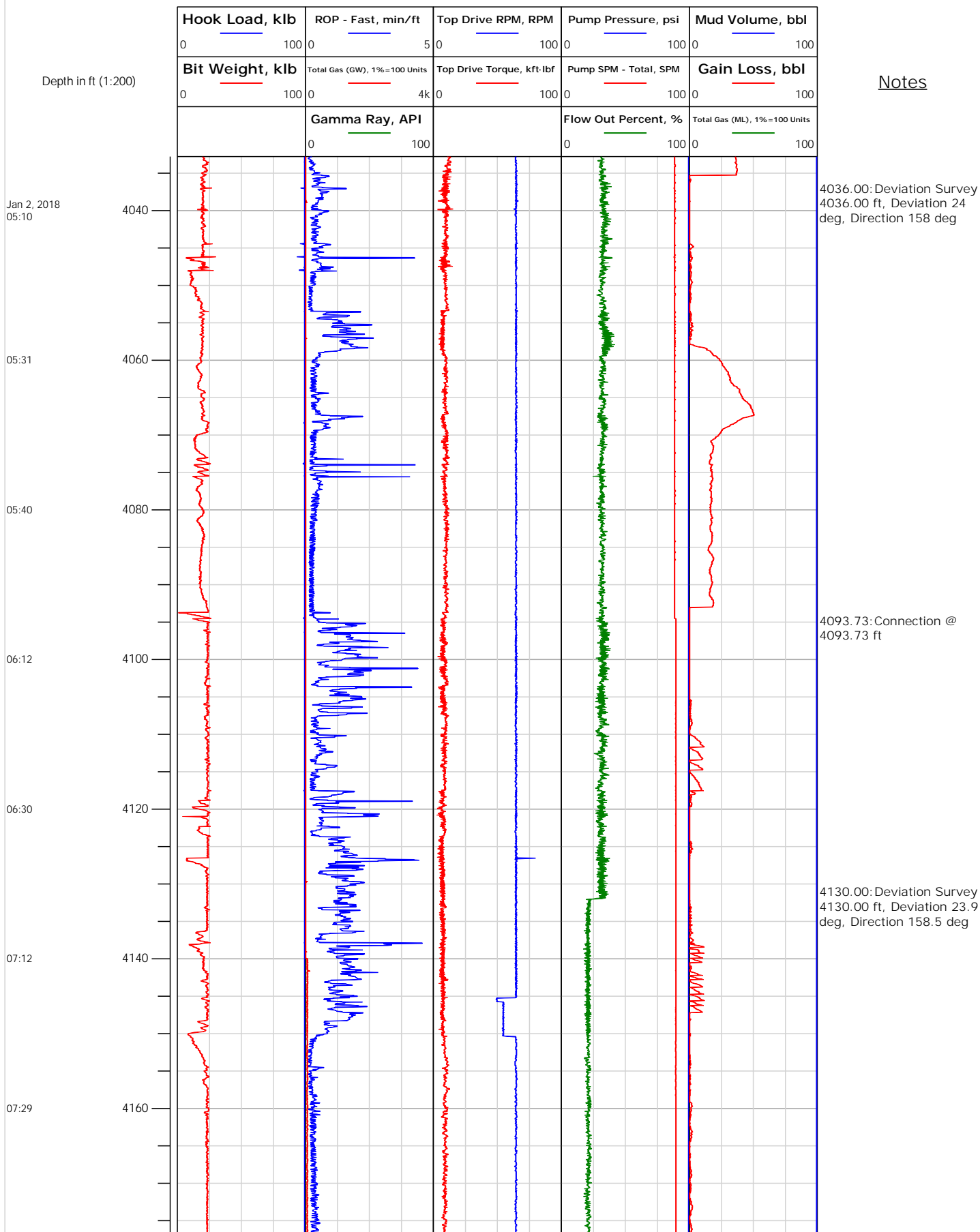
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Contractor: Helmerich & Payne Drlg Co

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Rig: 522

Location:

Notes





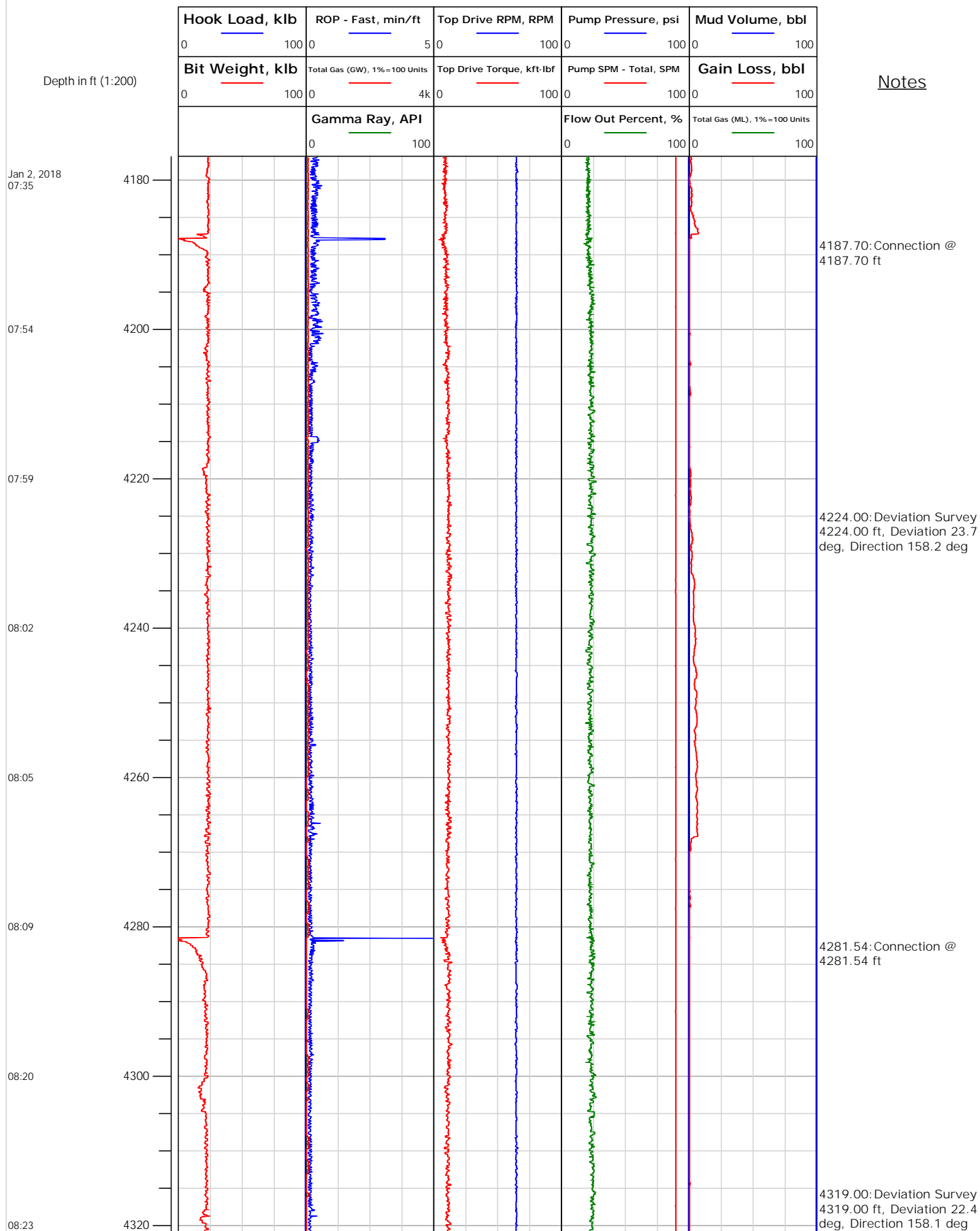
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





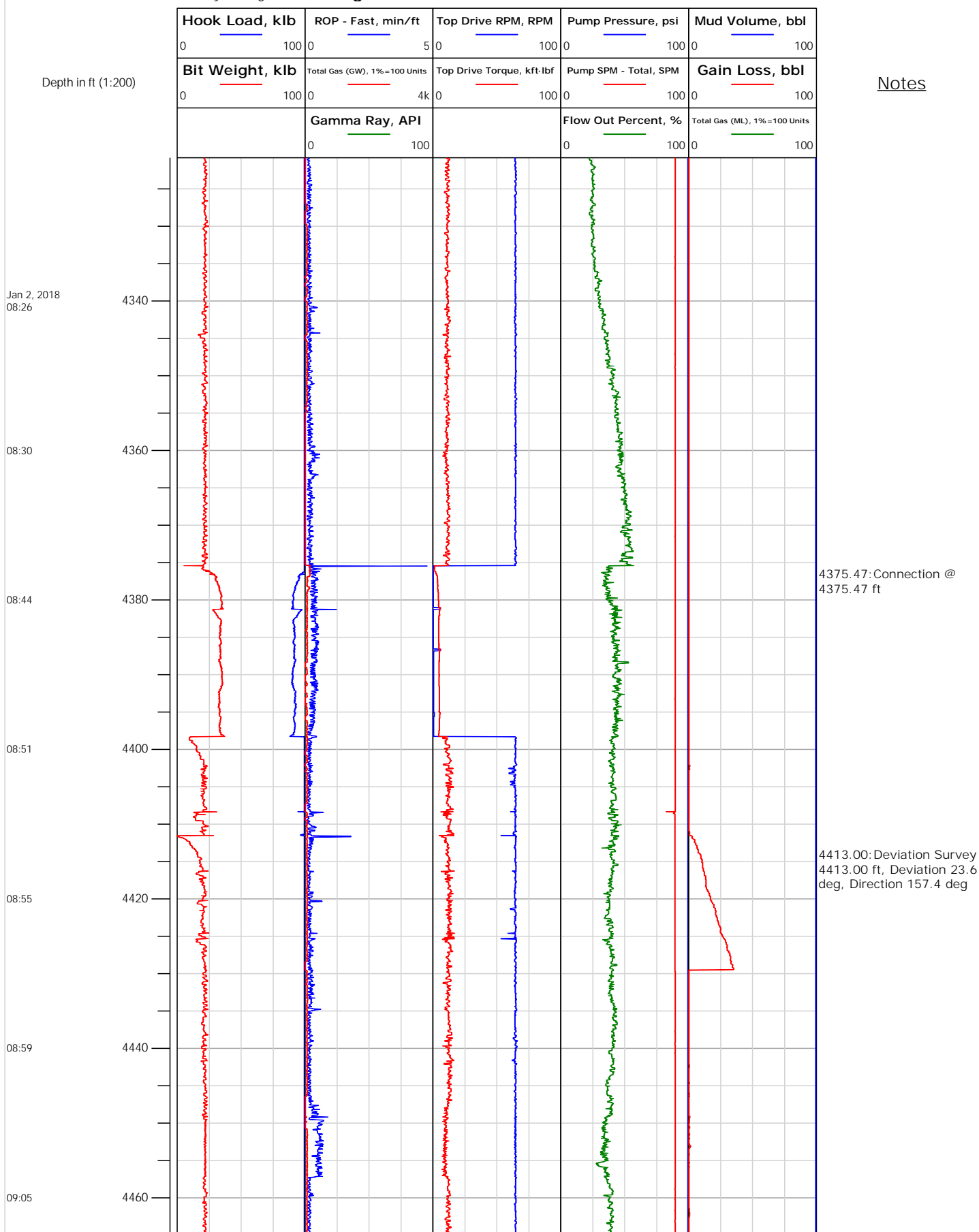
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





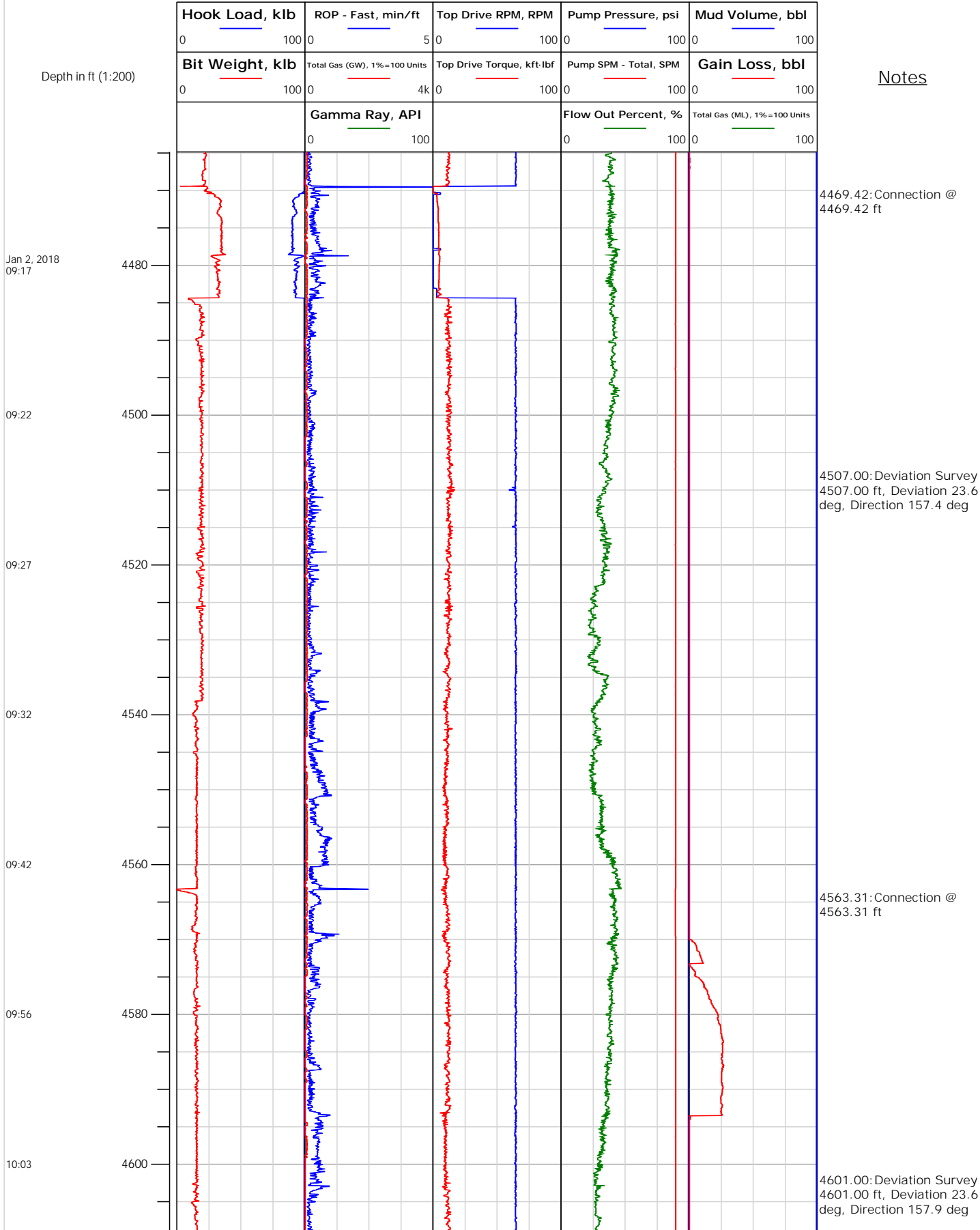
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





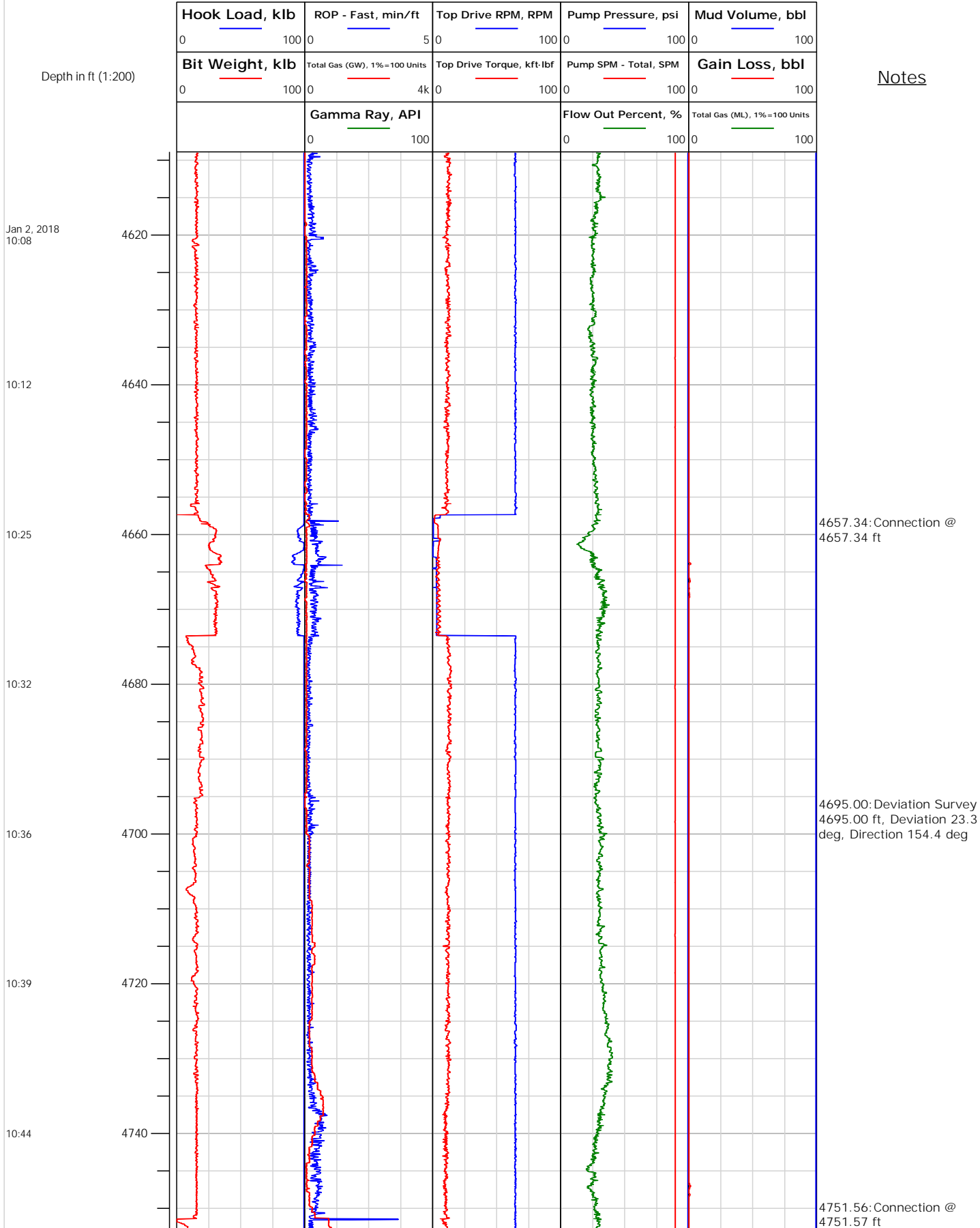
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





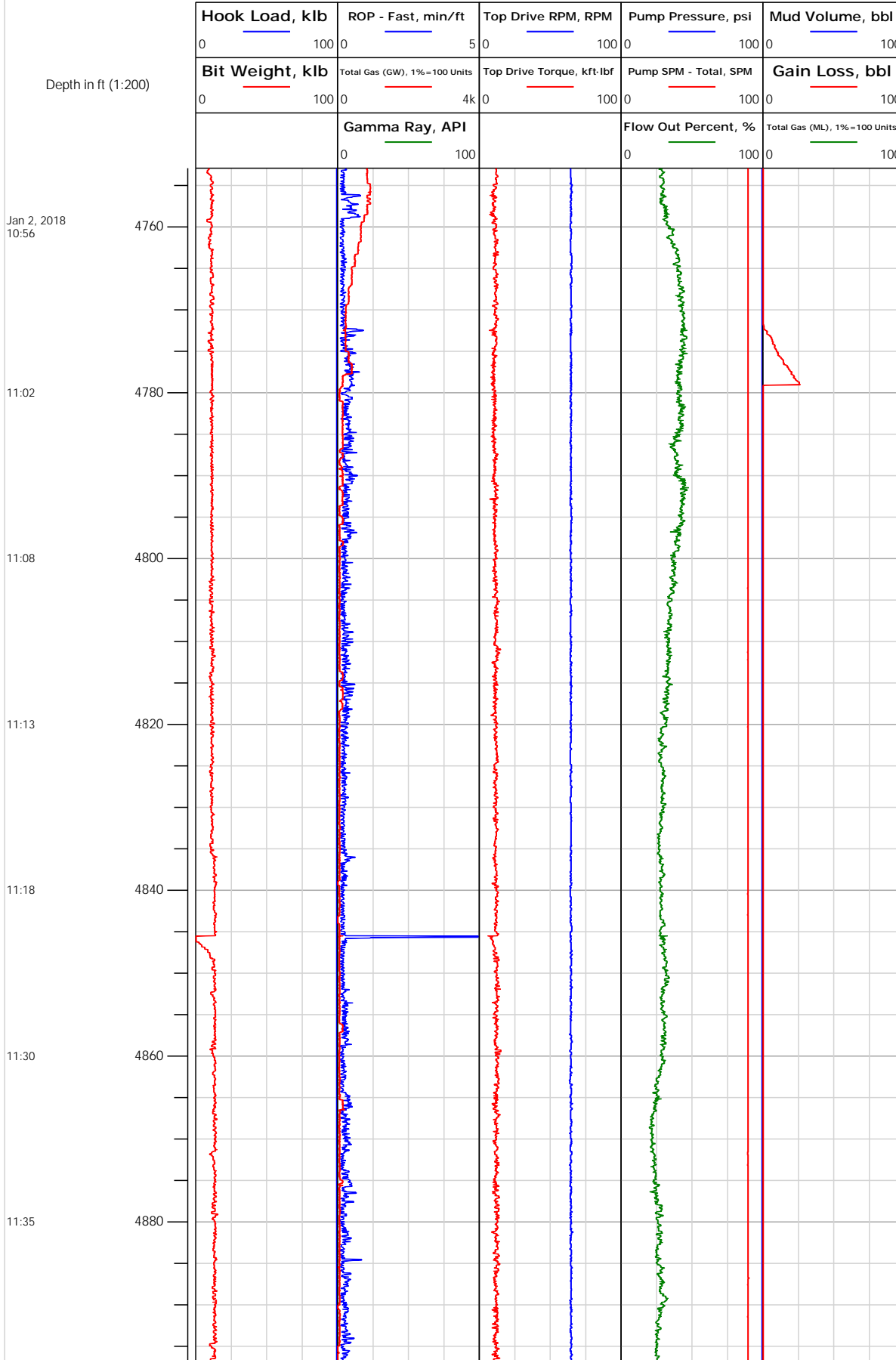
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





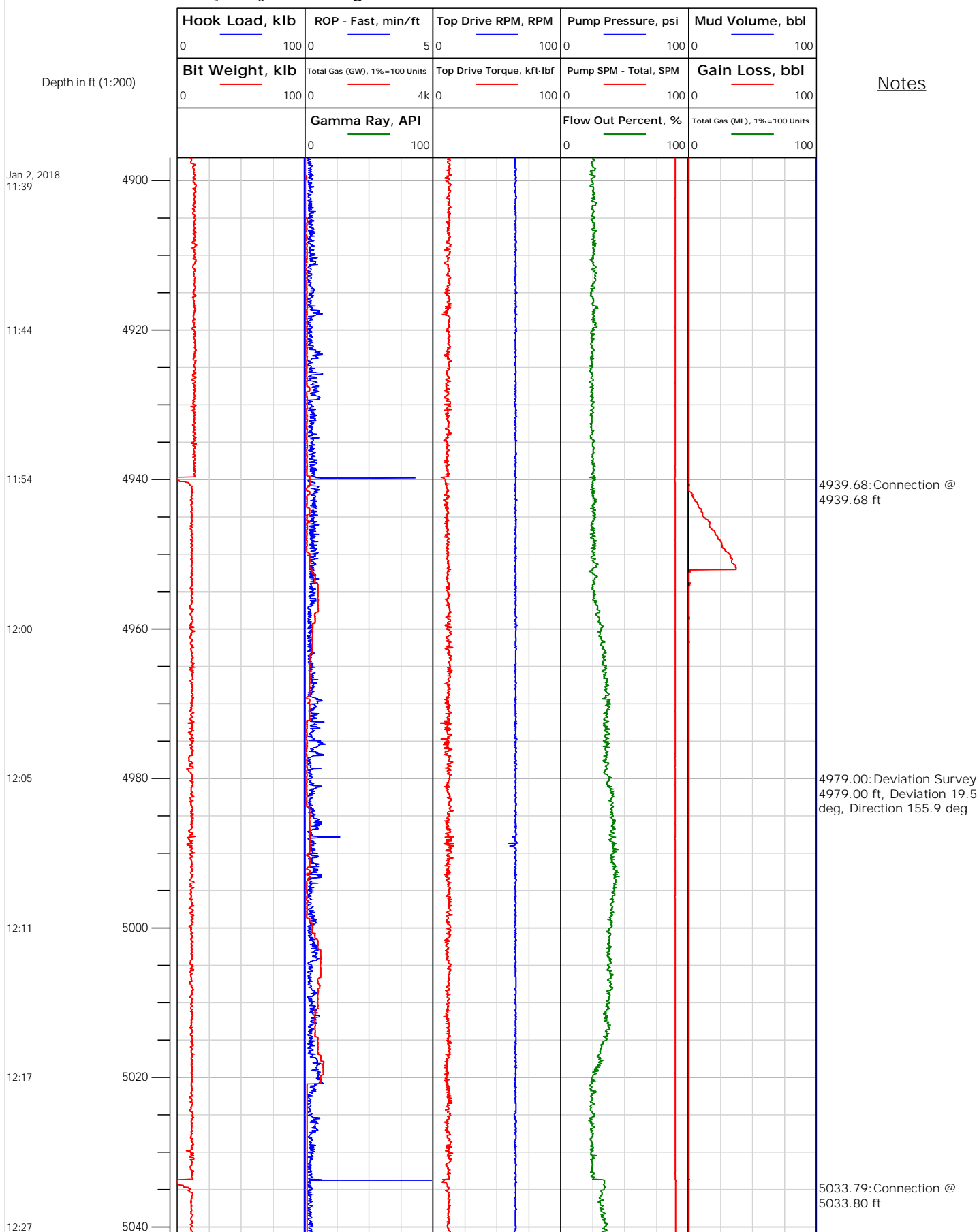
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





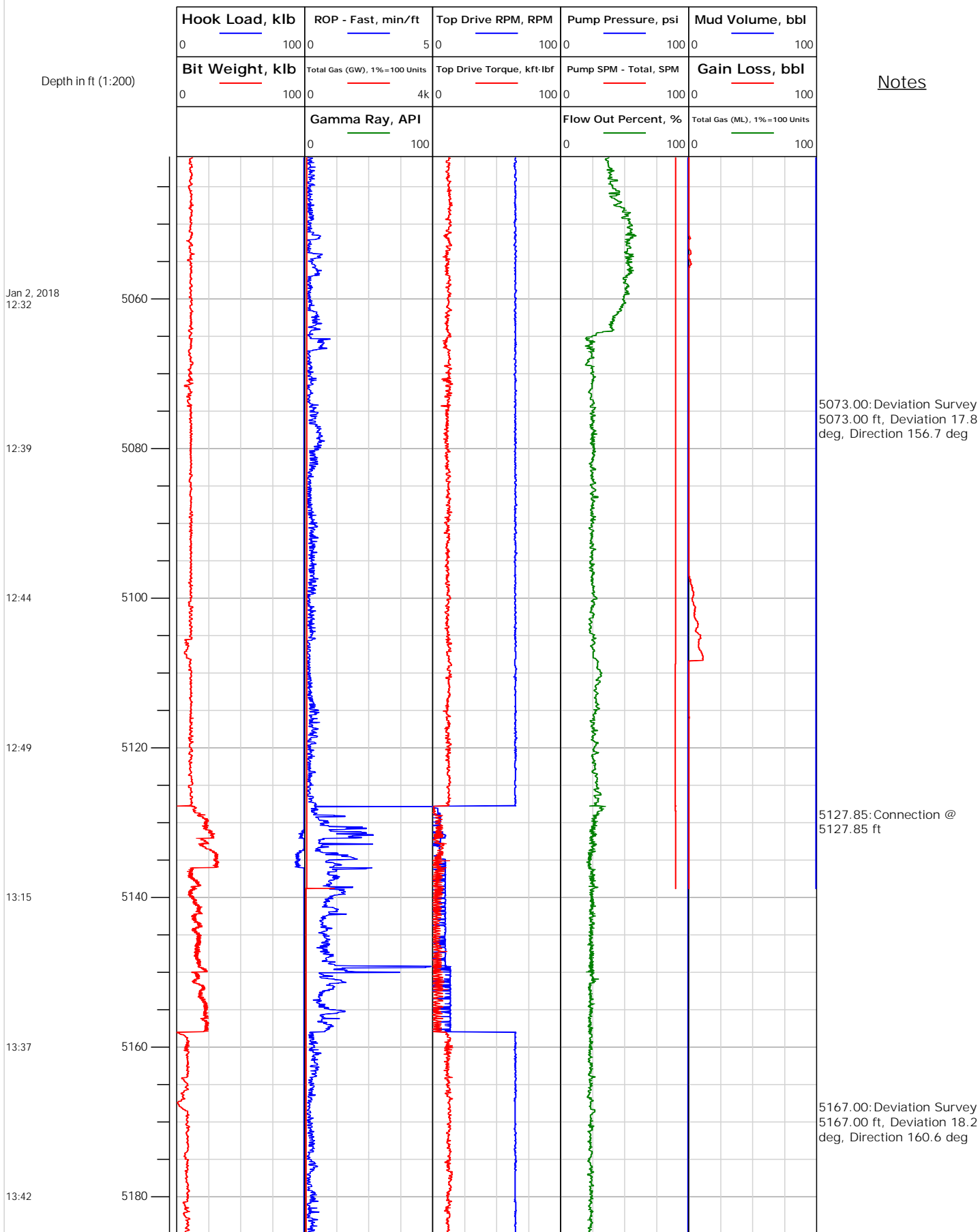
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





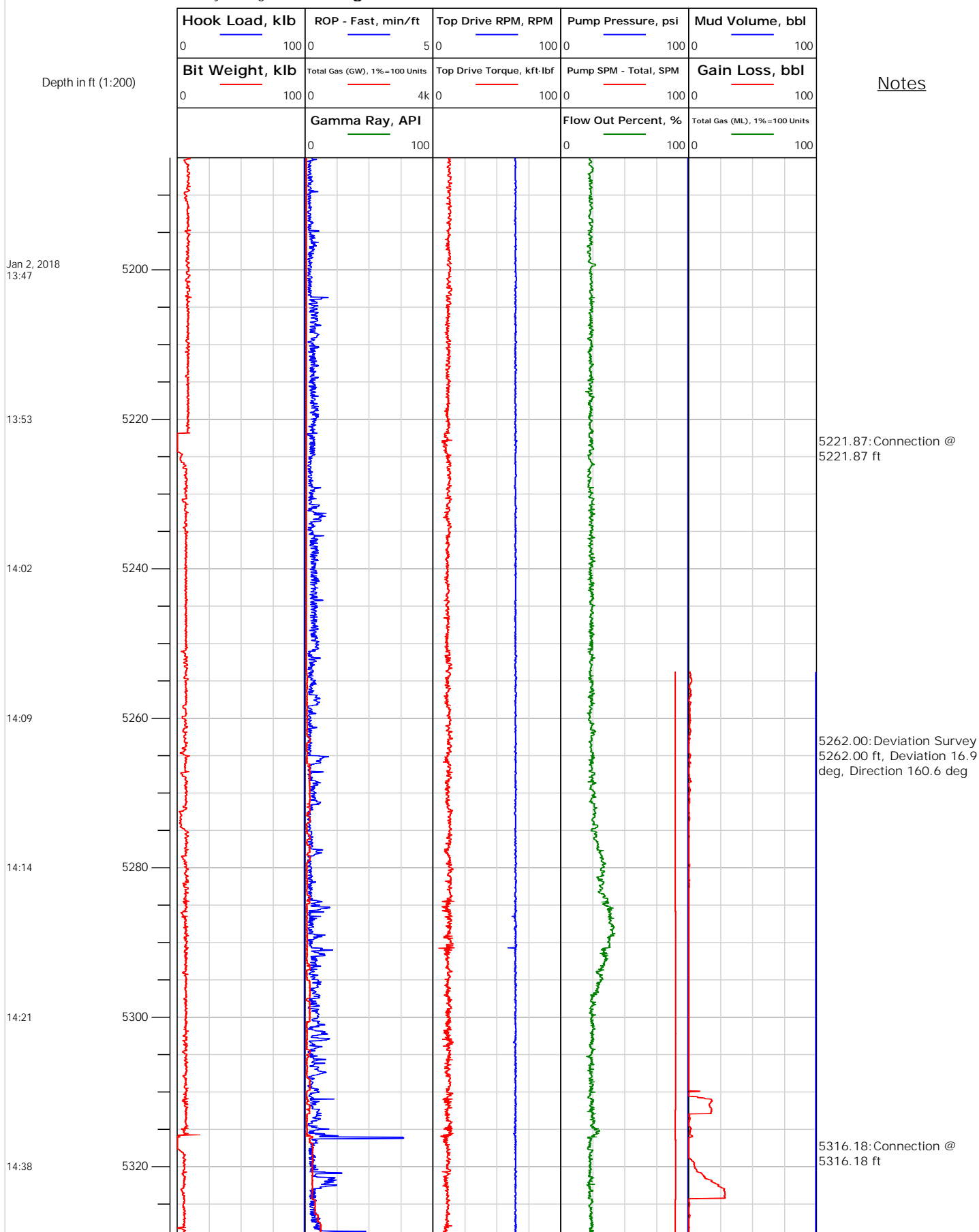
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





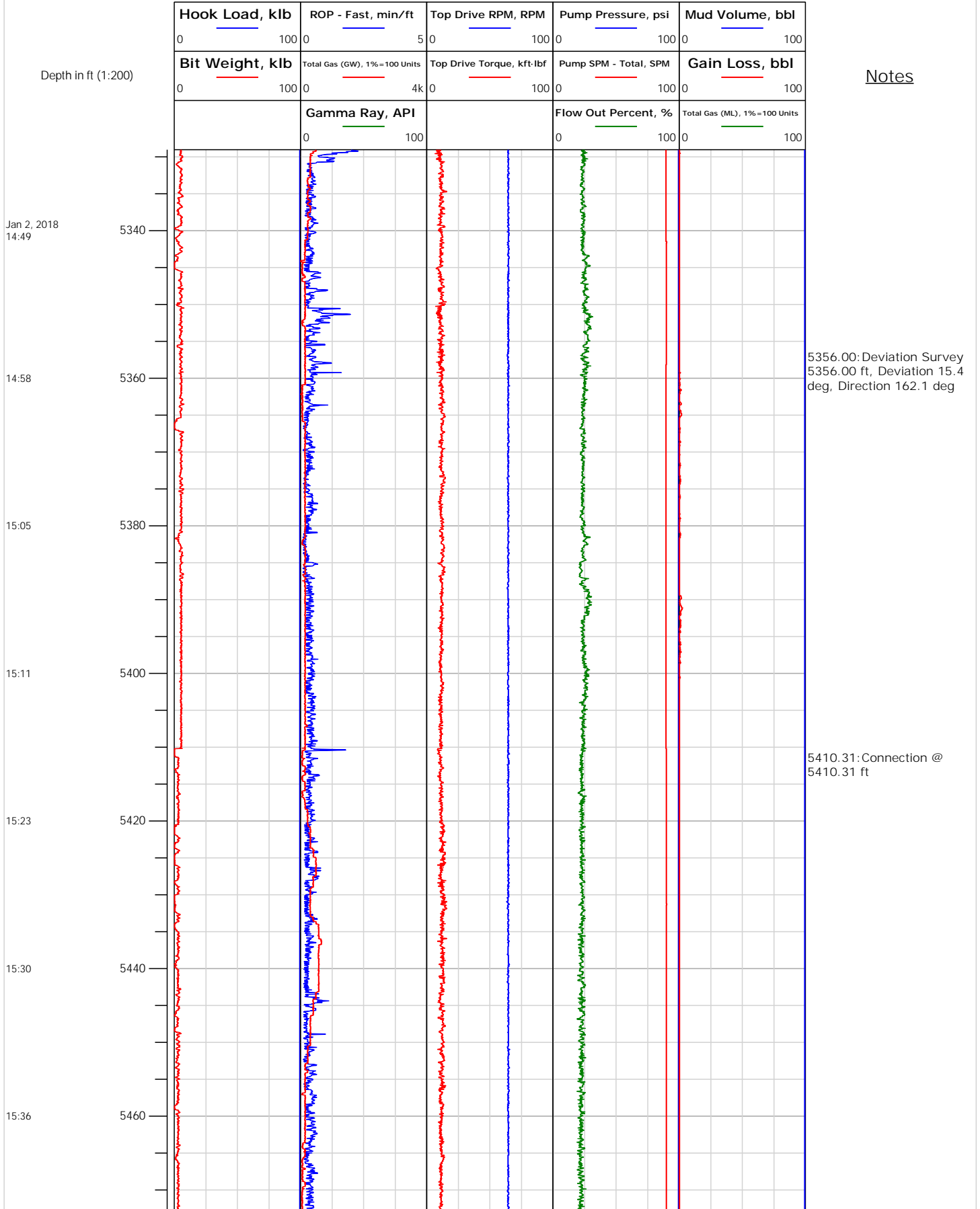
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





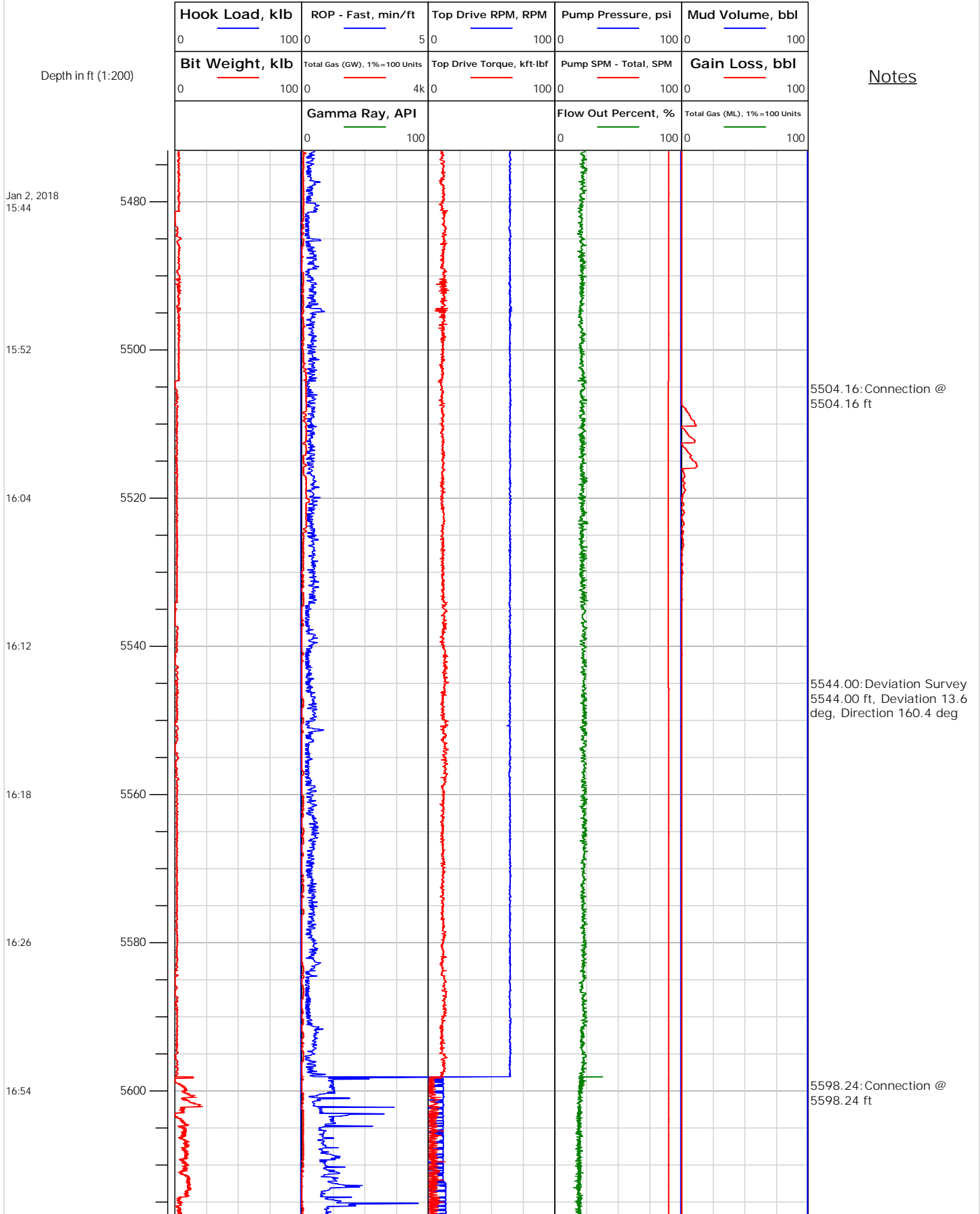
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





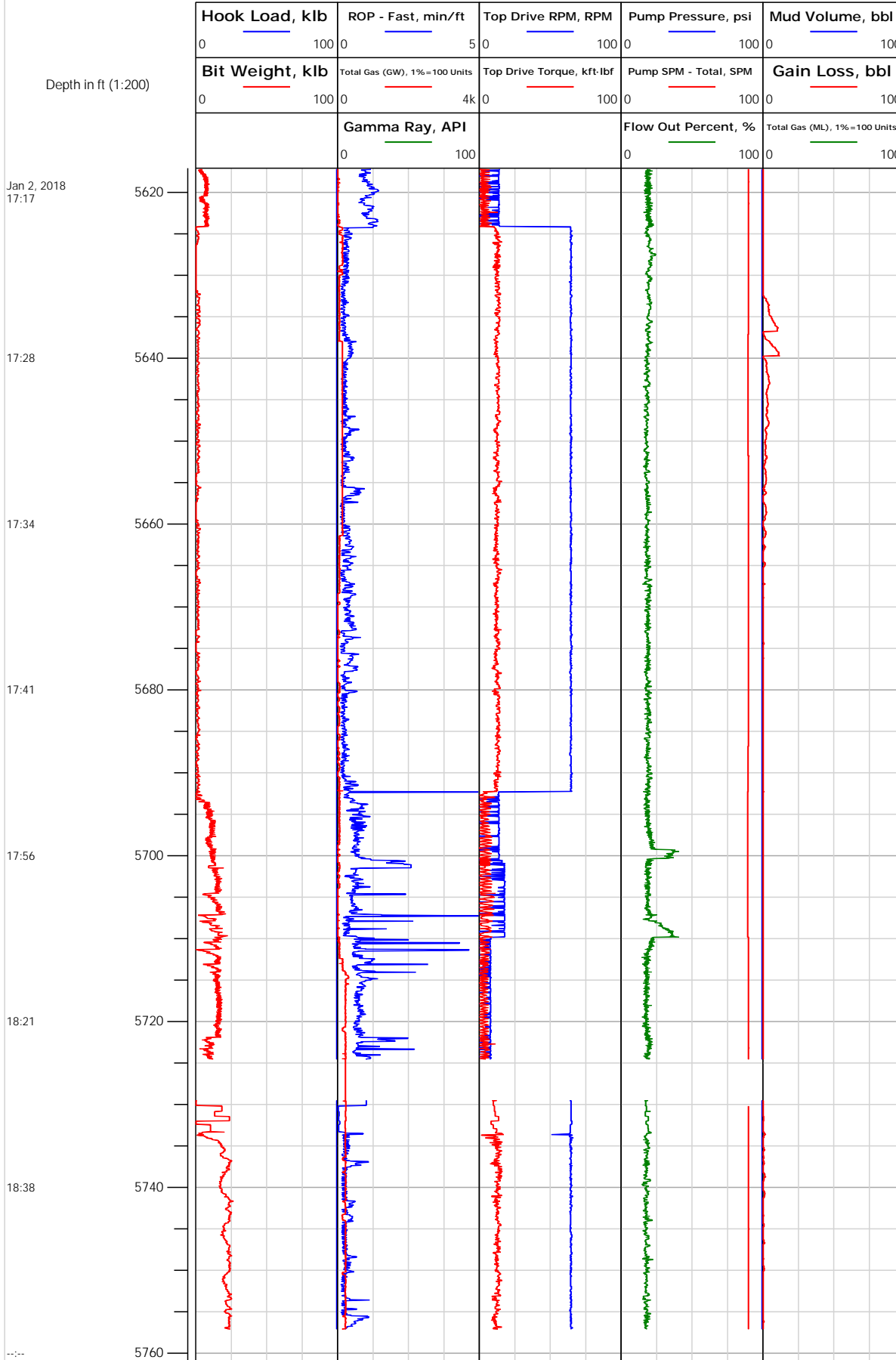
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes



5638.00: Deviation Survey
 5638.00 ft, Deviation 11.7 deg, Direction 156.9 deg

5692.32: Connection @
 5692.32 ft

5732.00: Deviation Survey
 5732.00 ft, Deviation 8.8 deg, Direction 152.7 deg



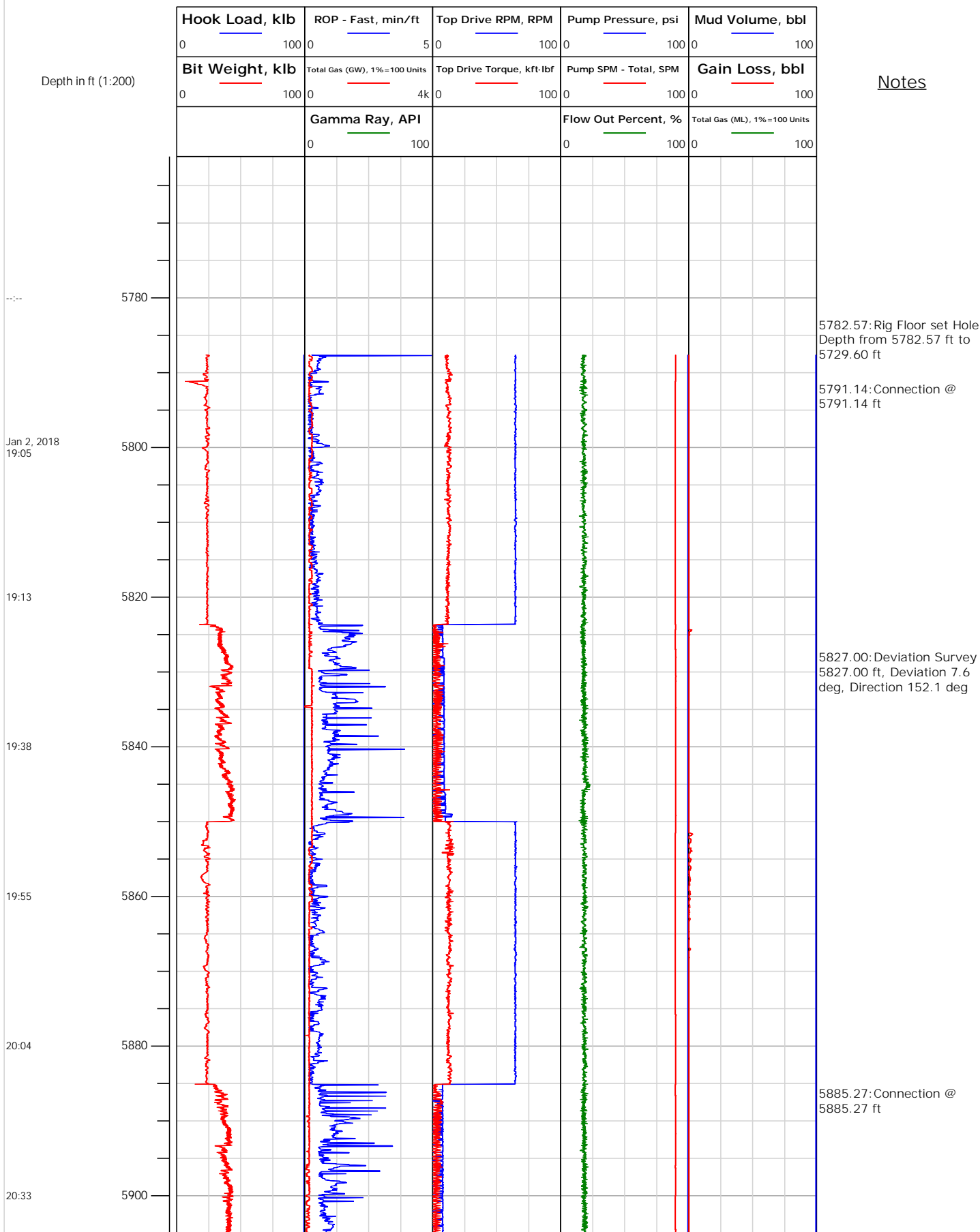
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





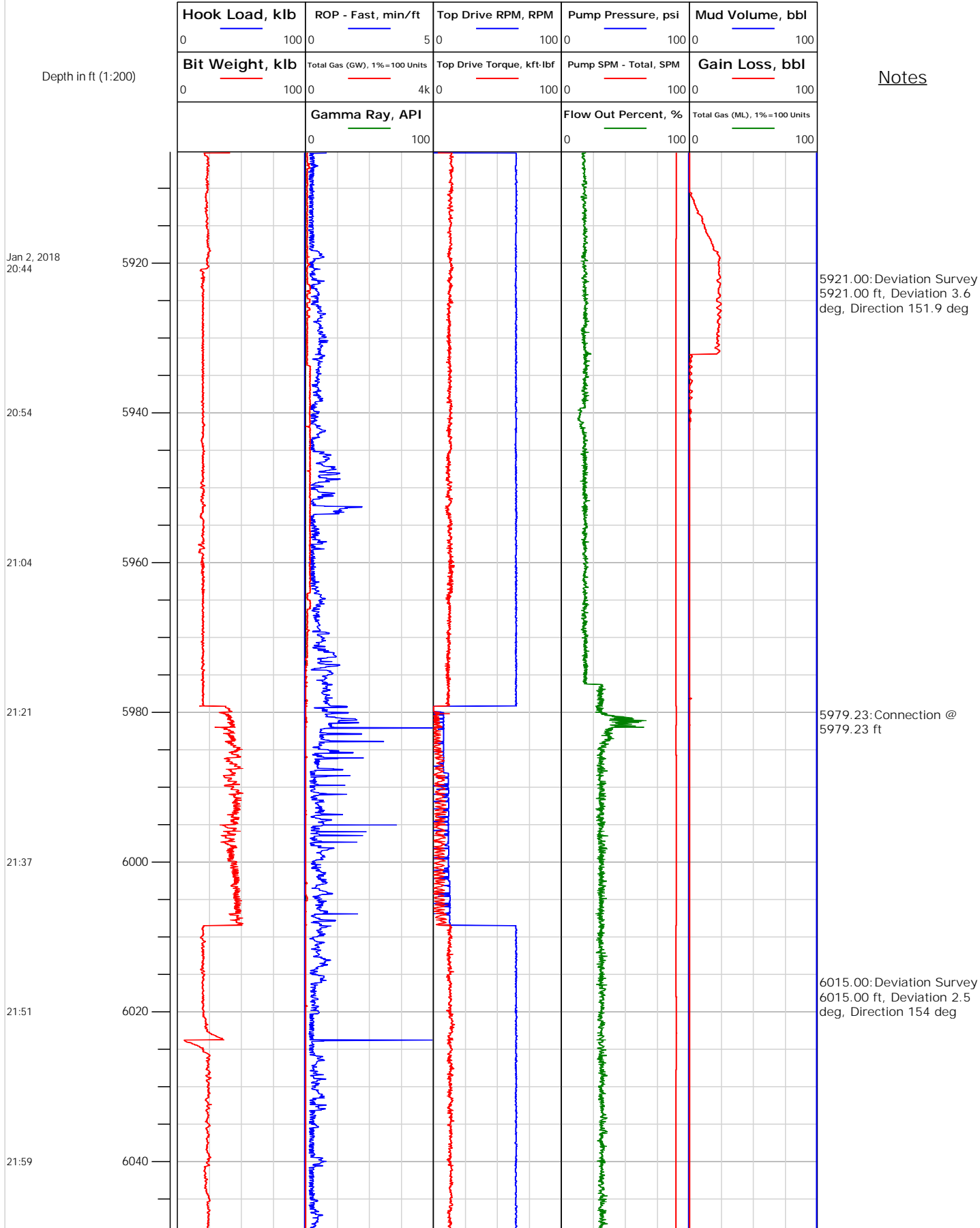
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





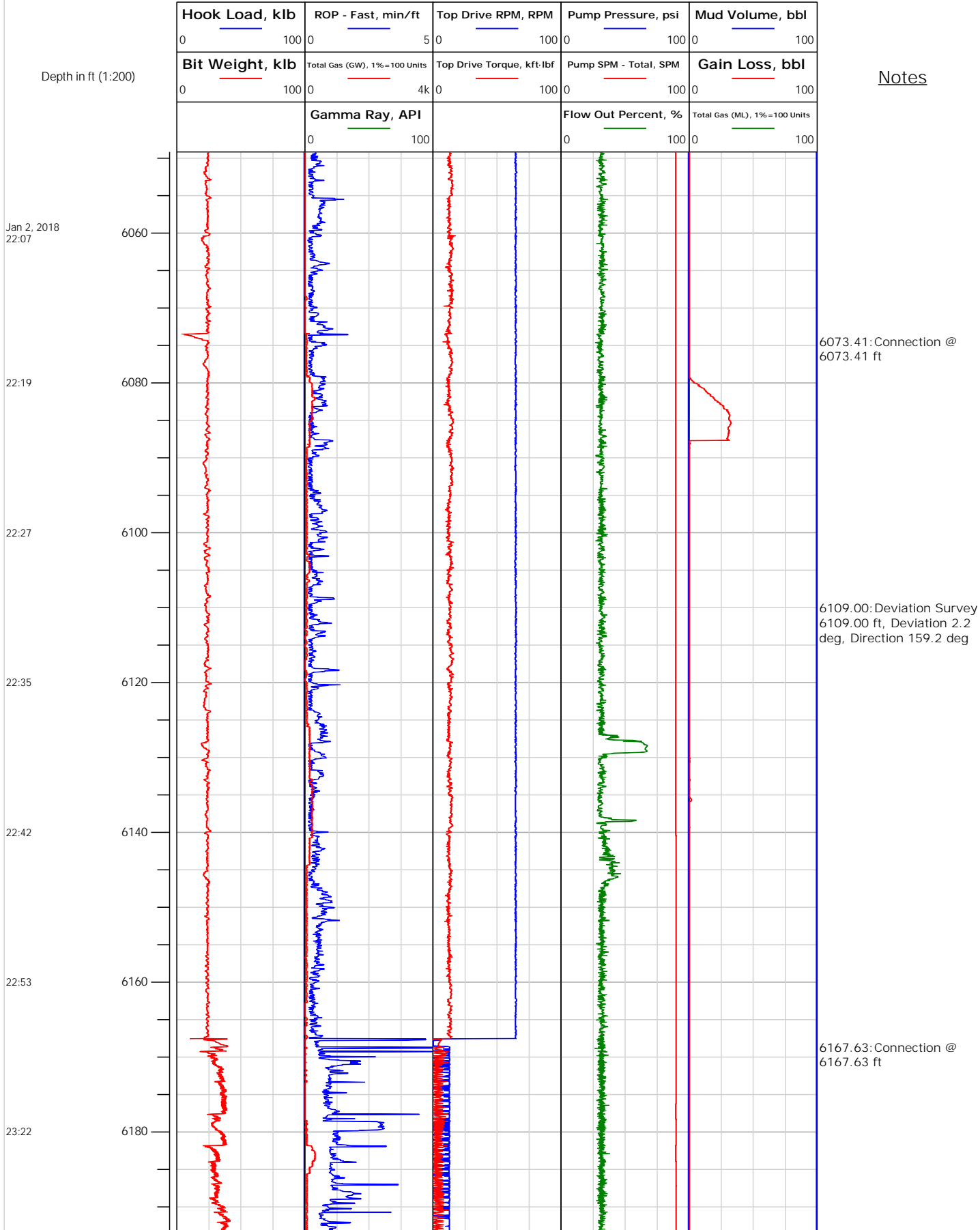
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





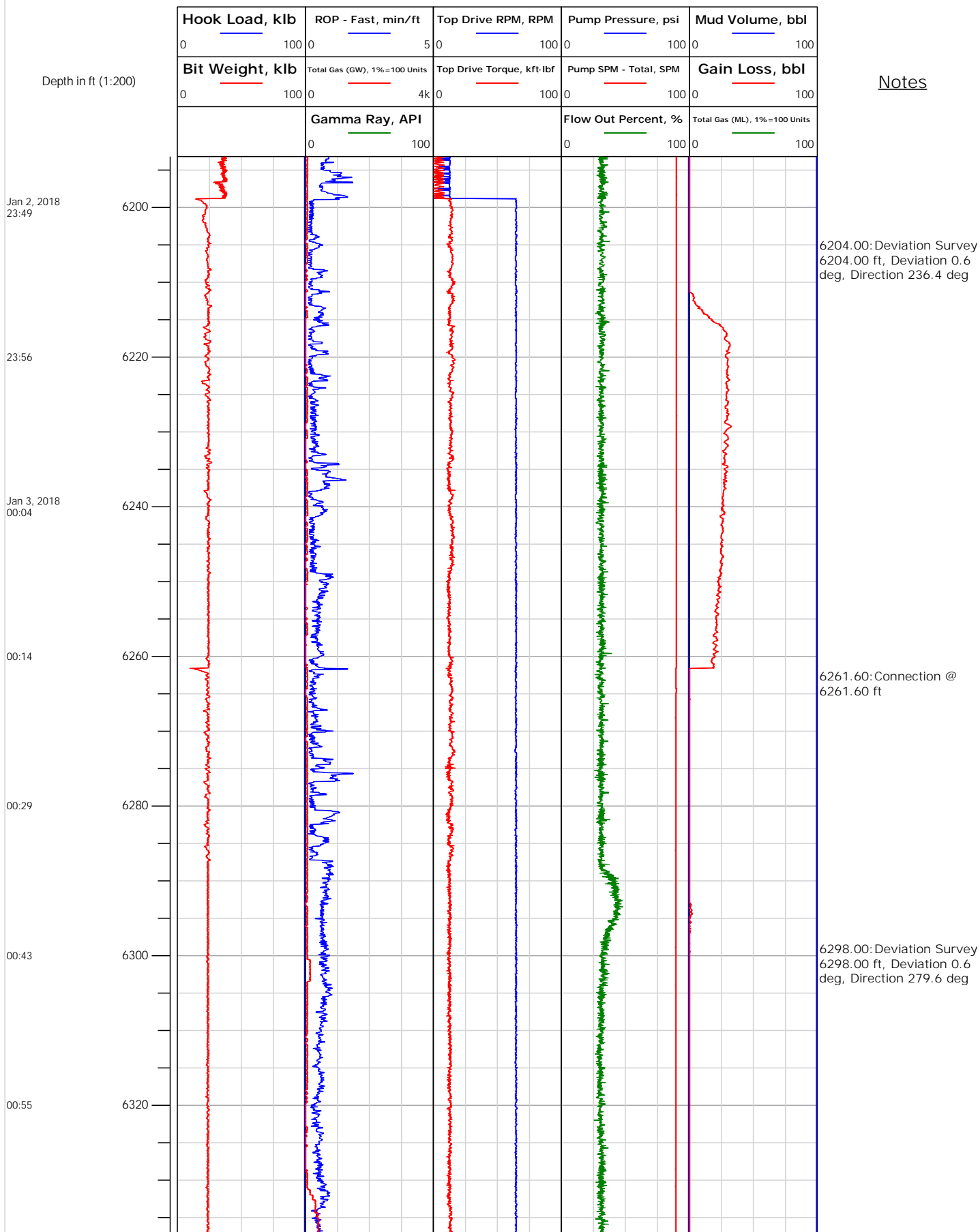
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





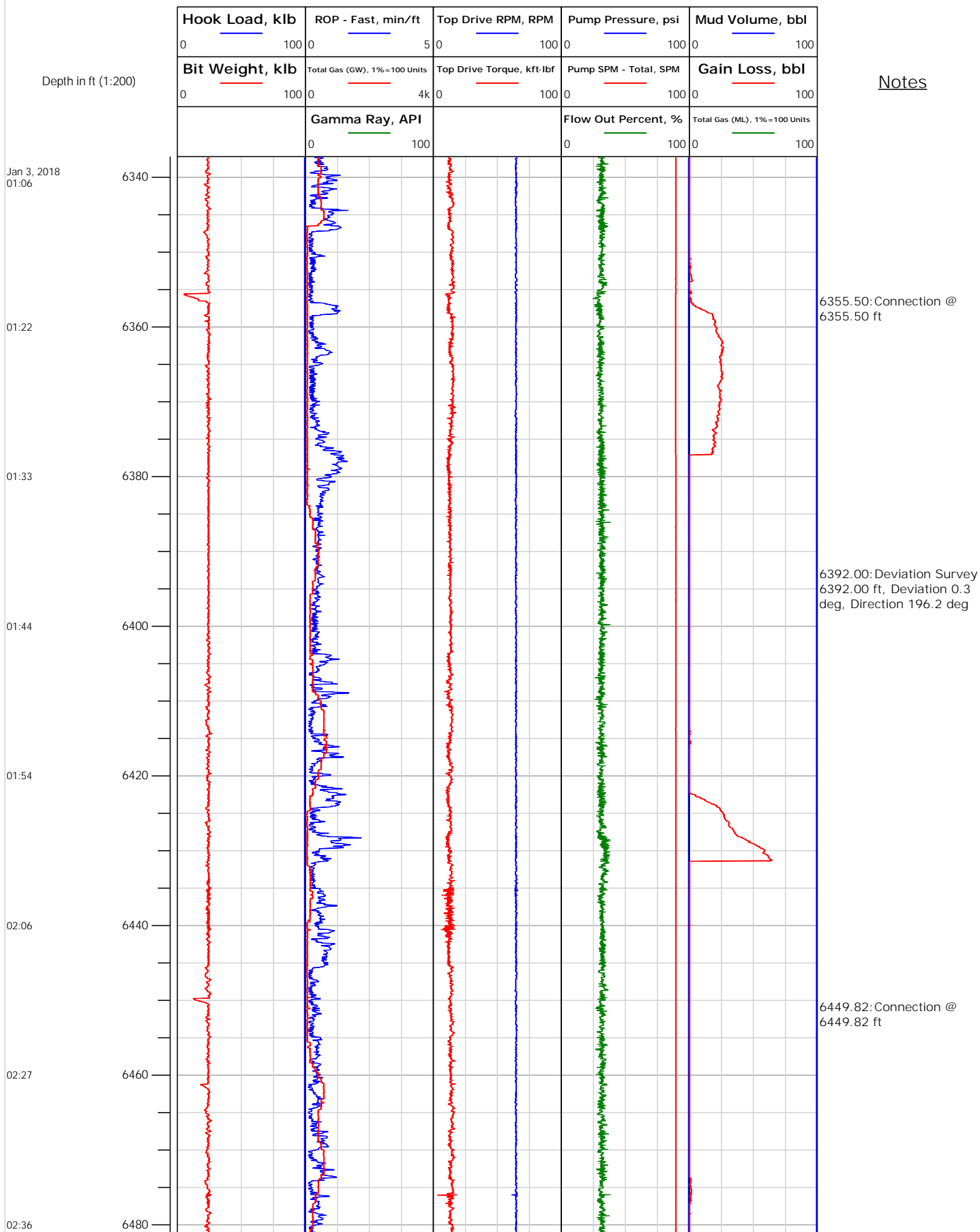
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





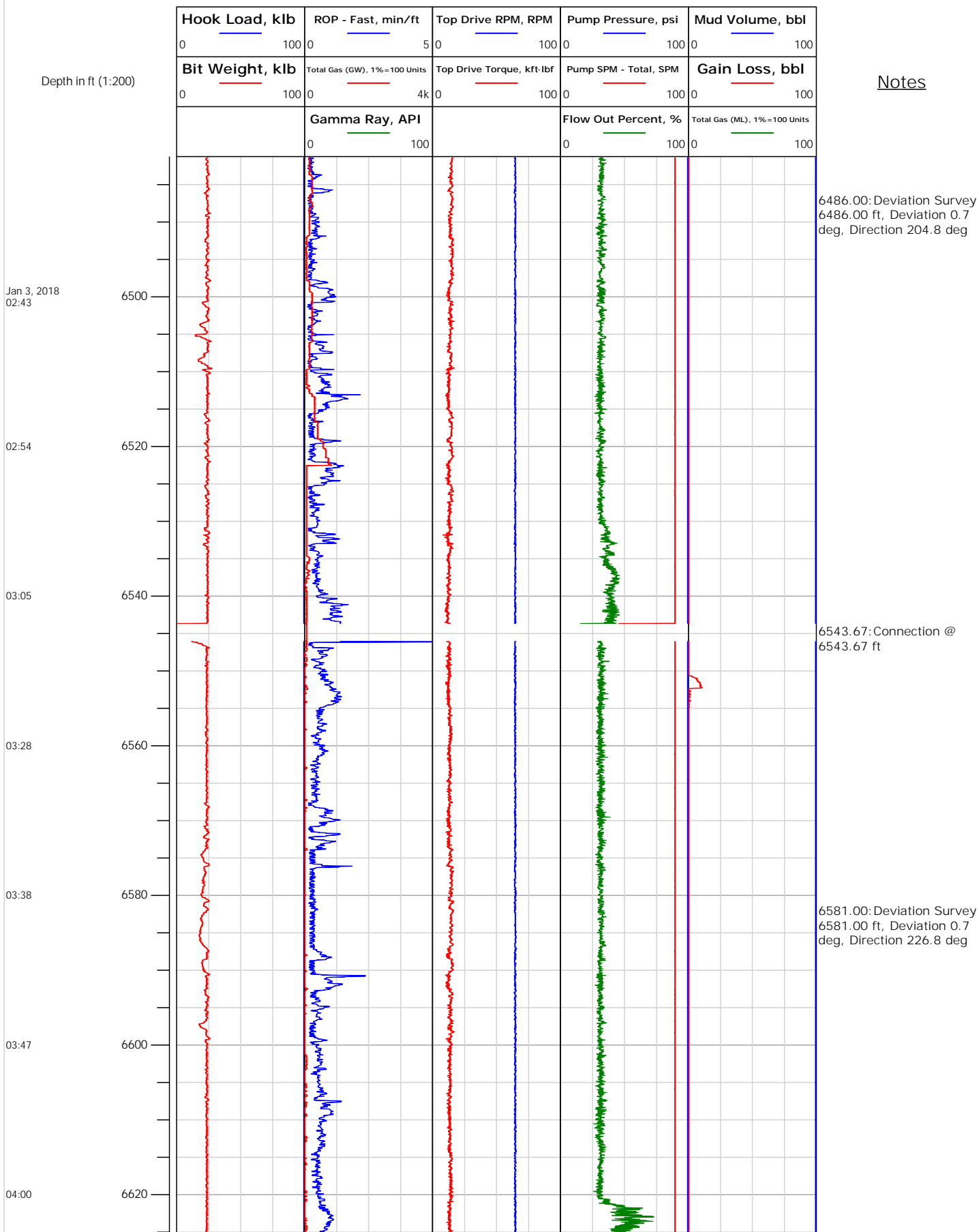
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





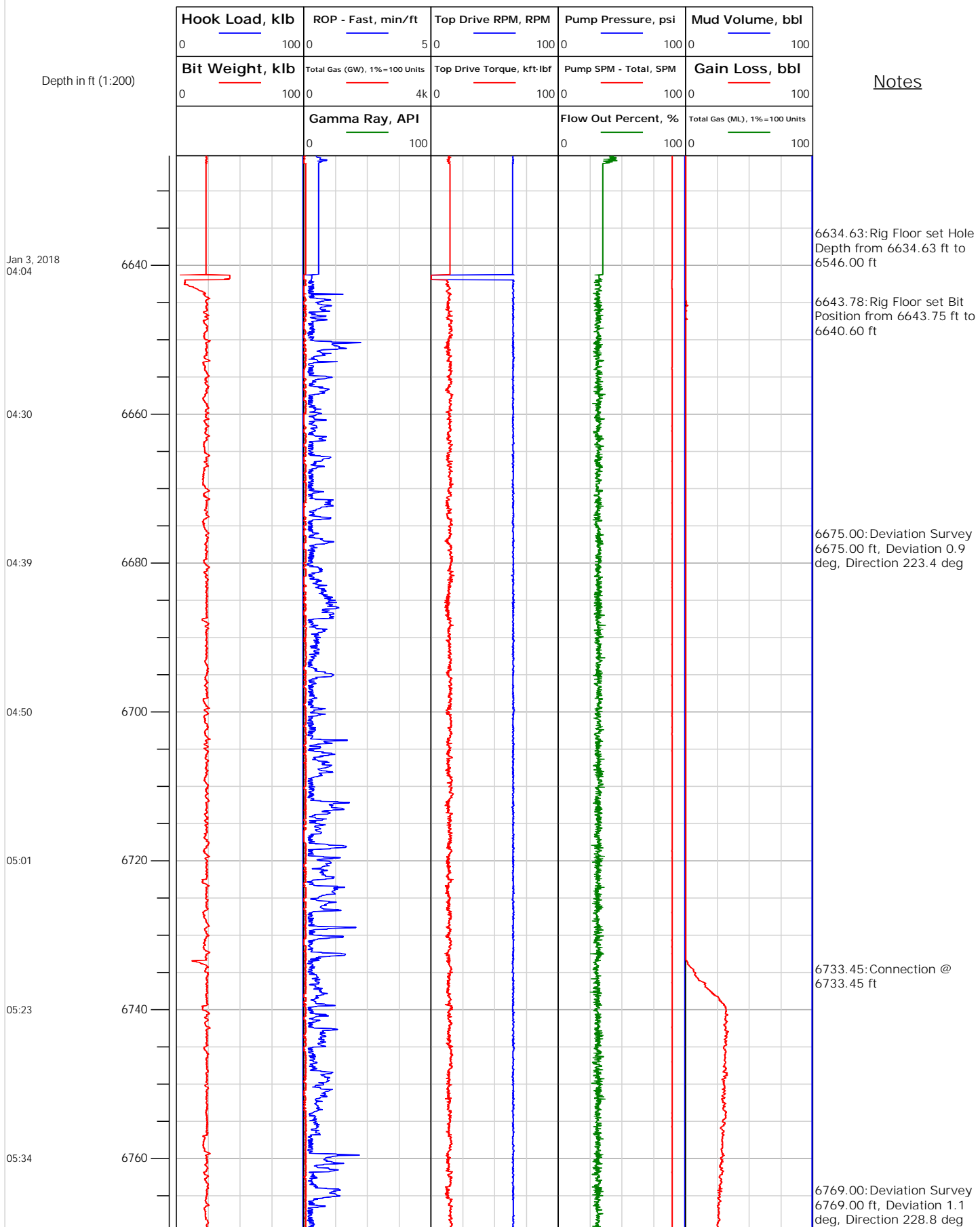
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





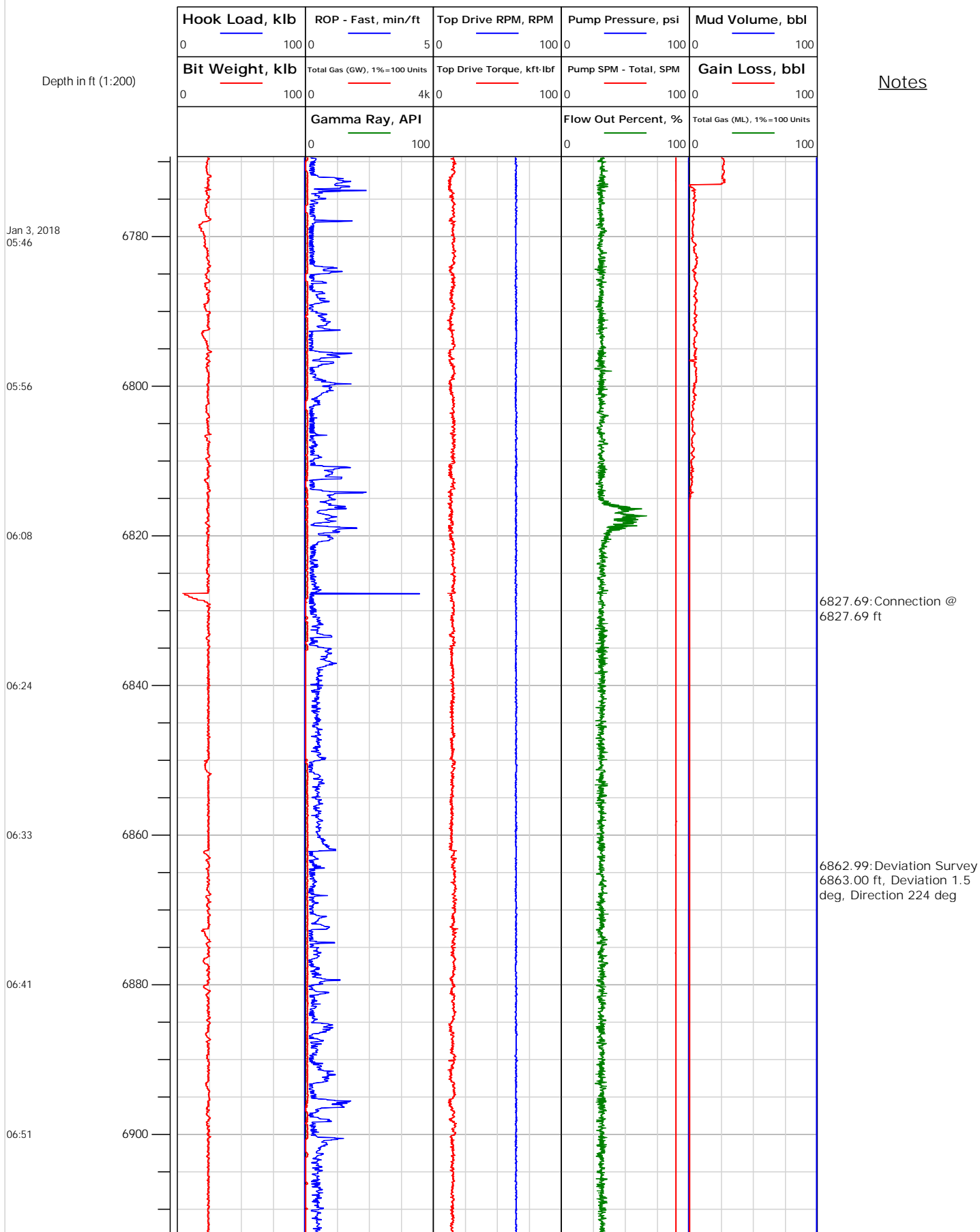
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





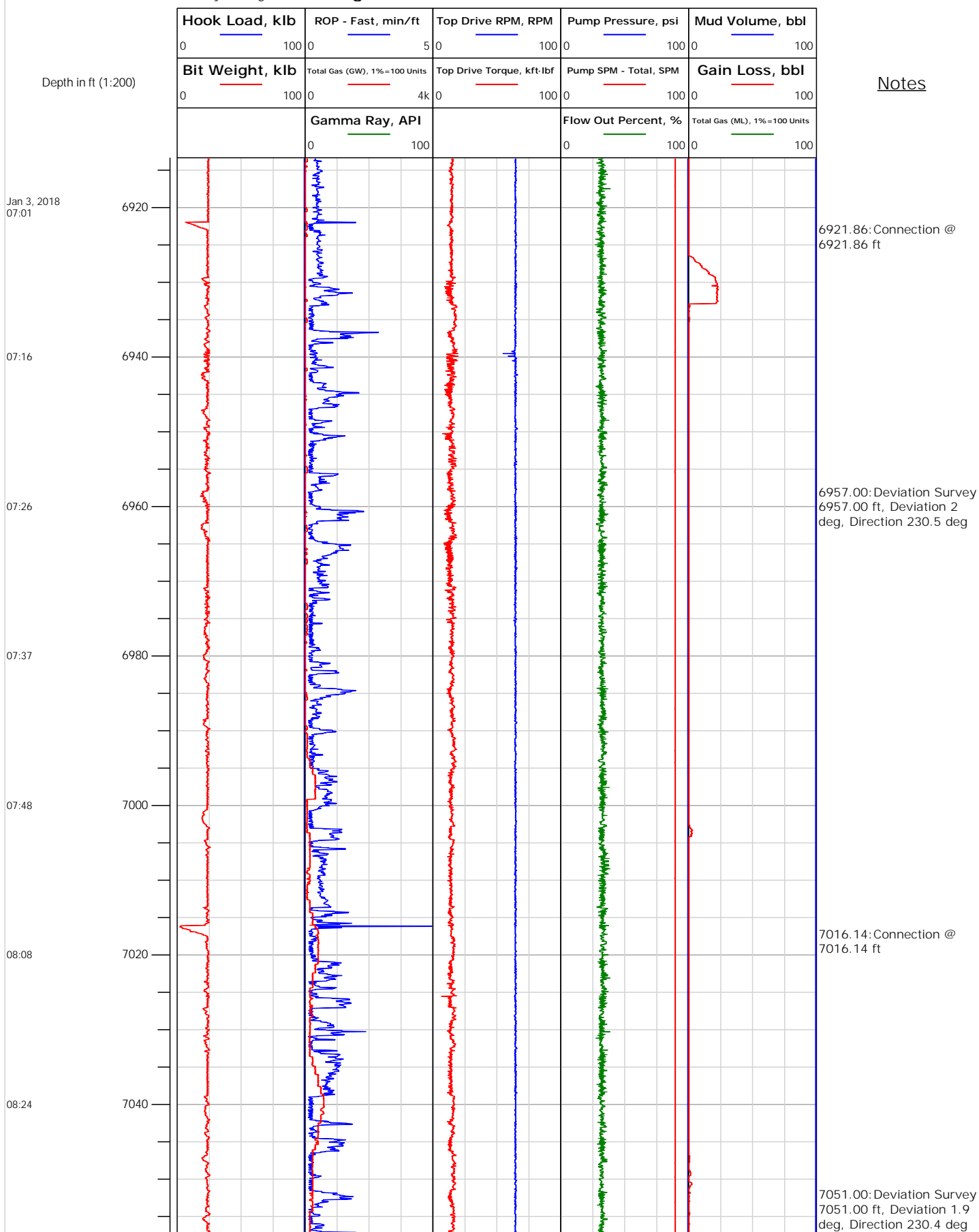
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





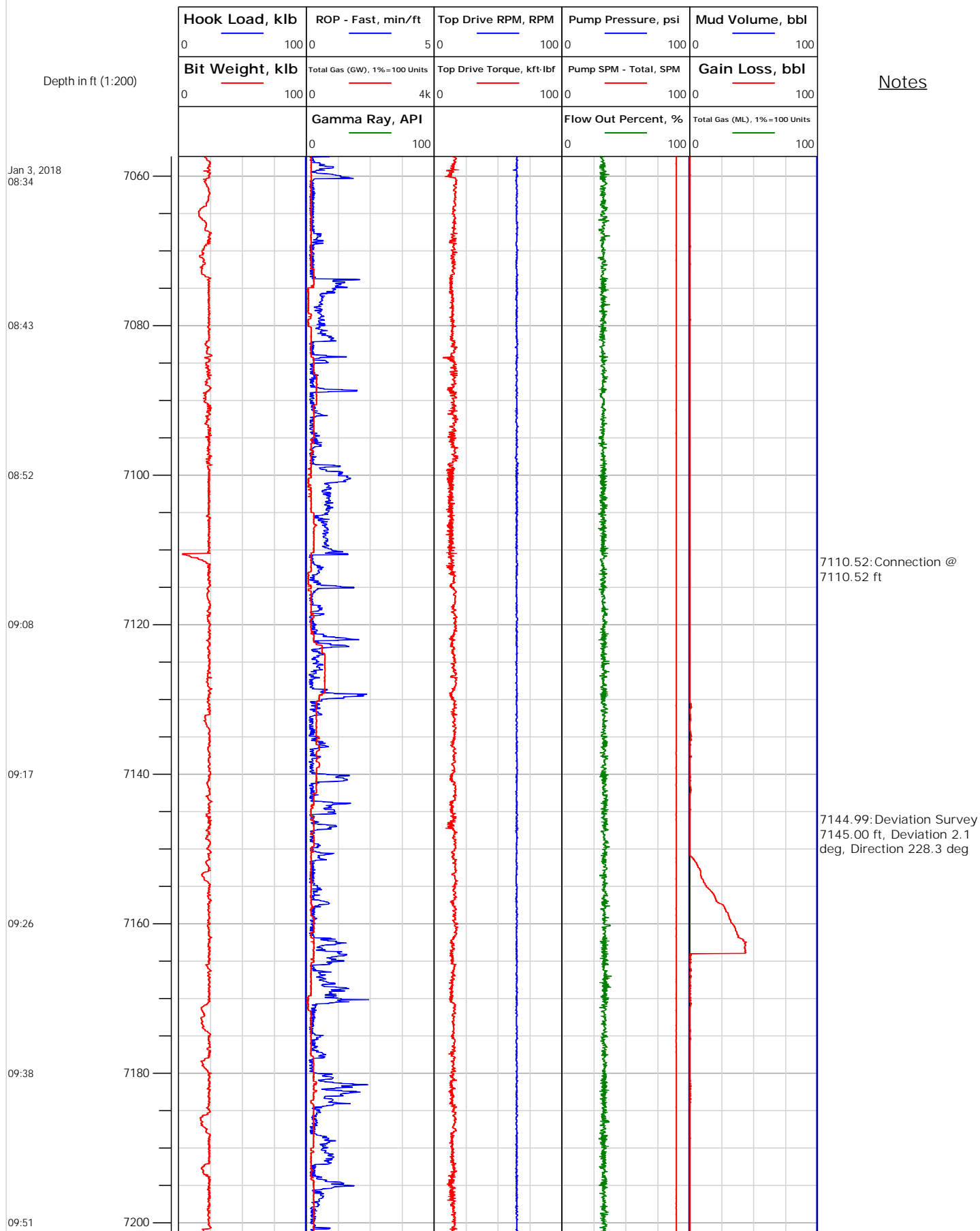
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Contractor: Helmerich & Payne Drlg Co

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Rig: 522

Location:

Notes





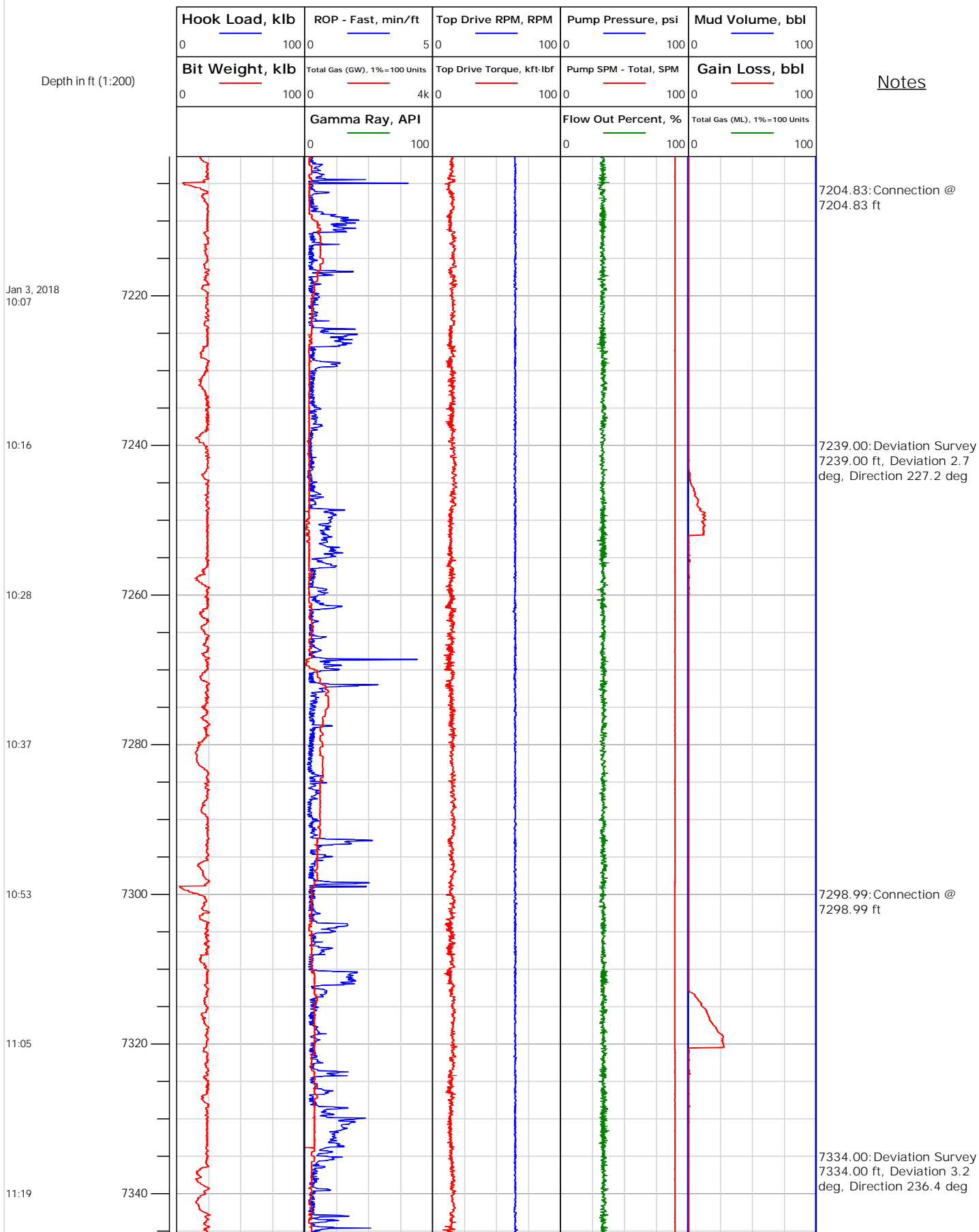
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





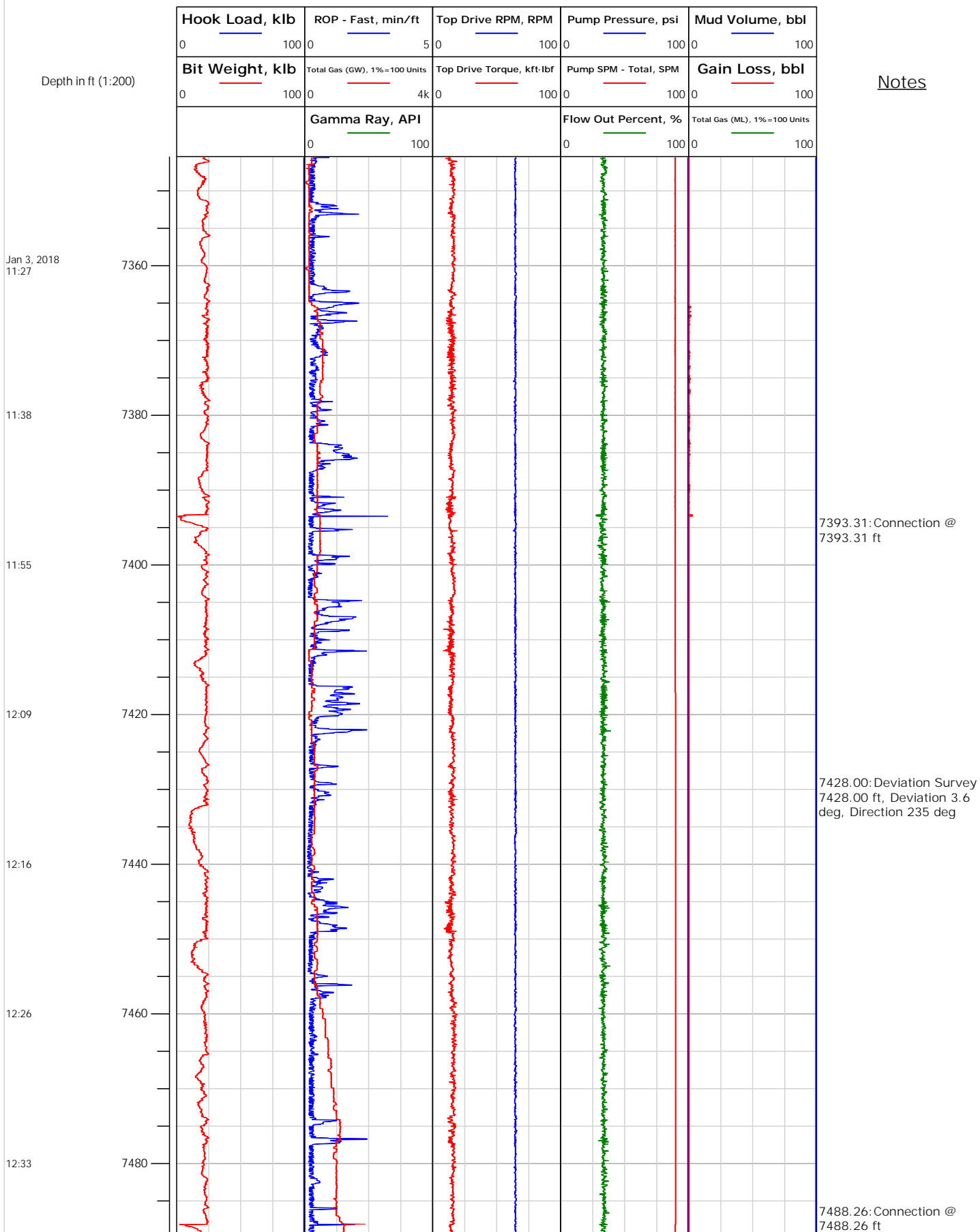
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





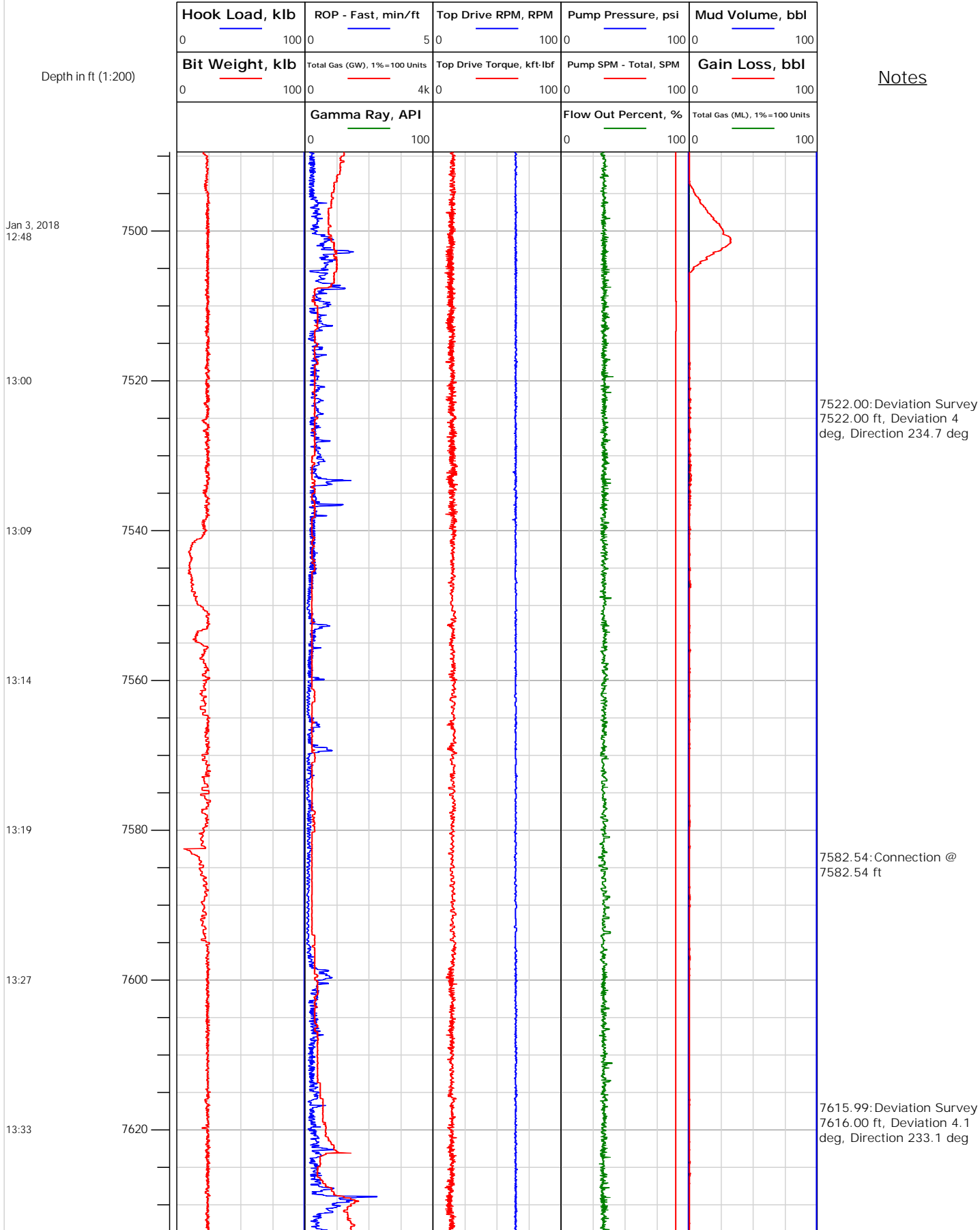
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





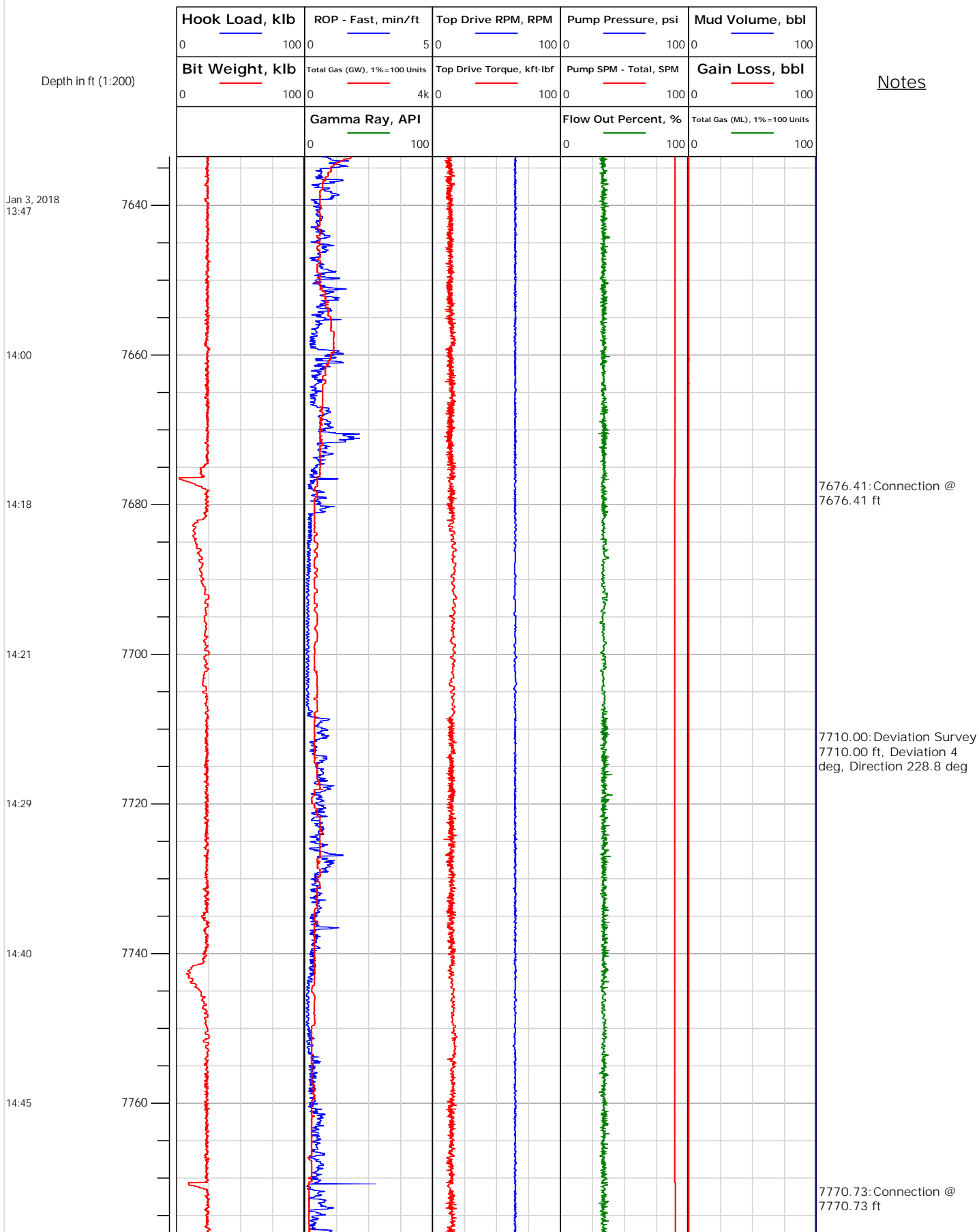
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Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





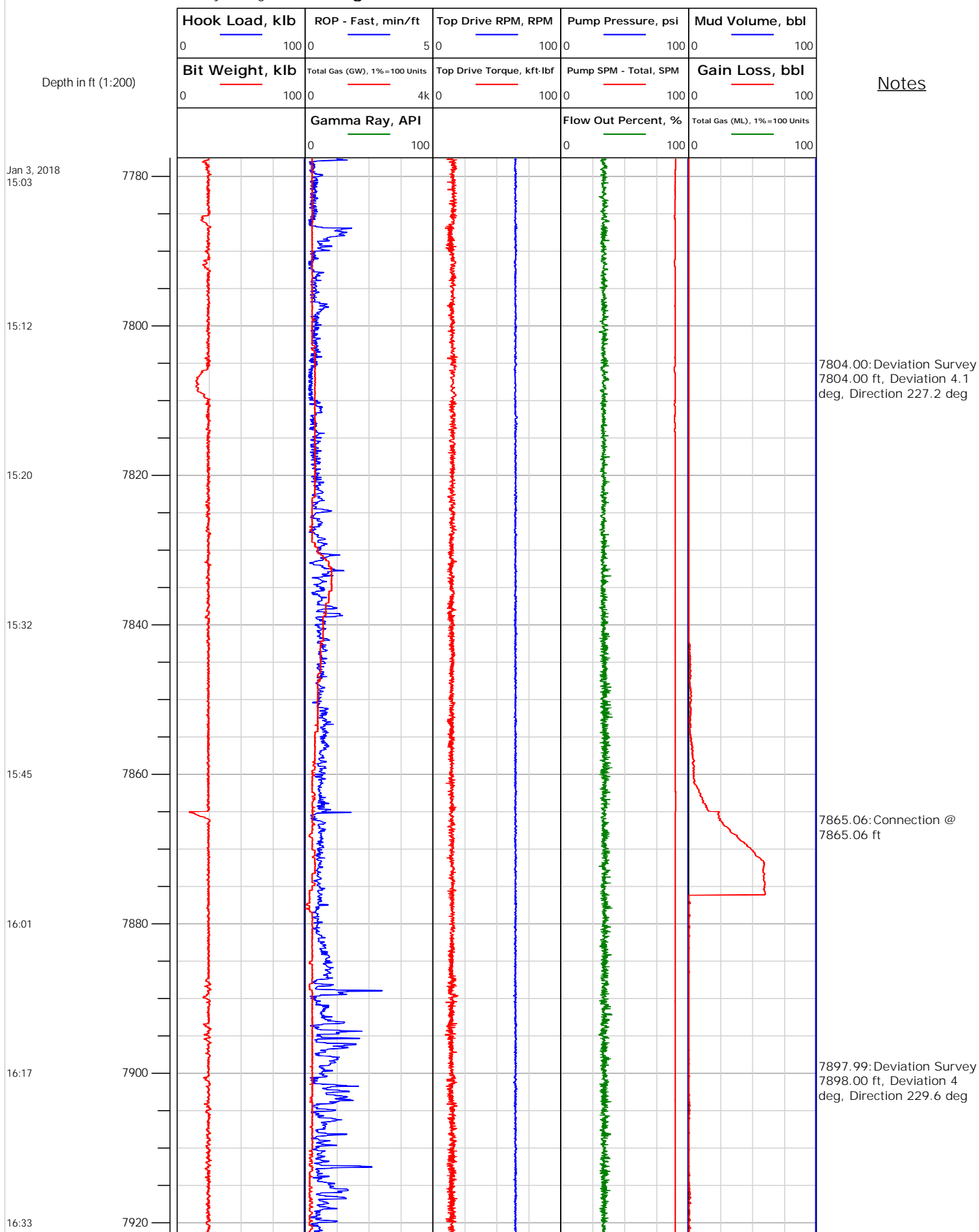
Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes





Electronic Drilling Recorder

Operator: Laramie Energy
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-17E
Rig: 522

Location:

Notes

