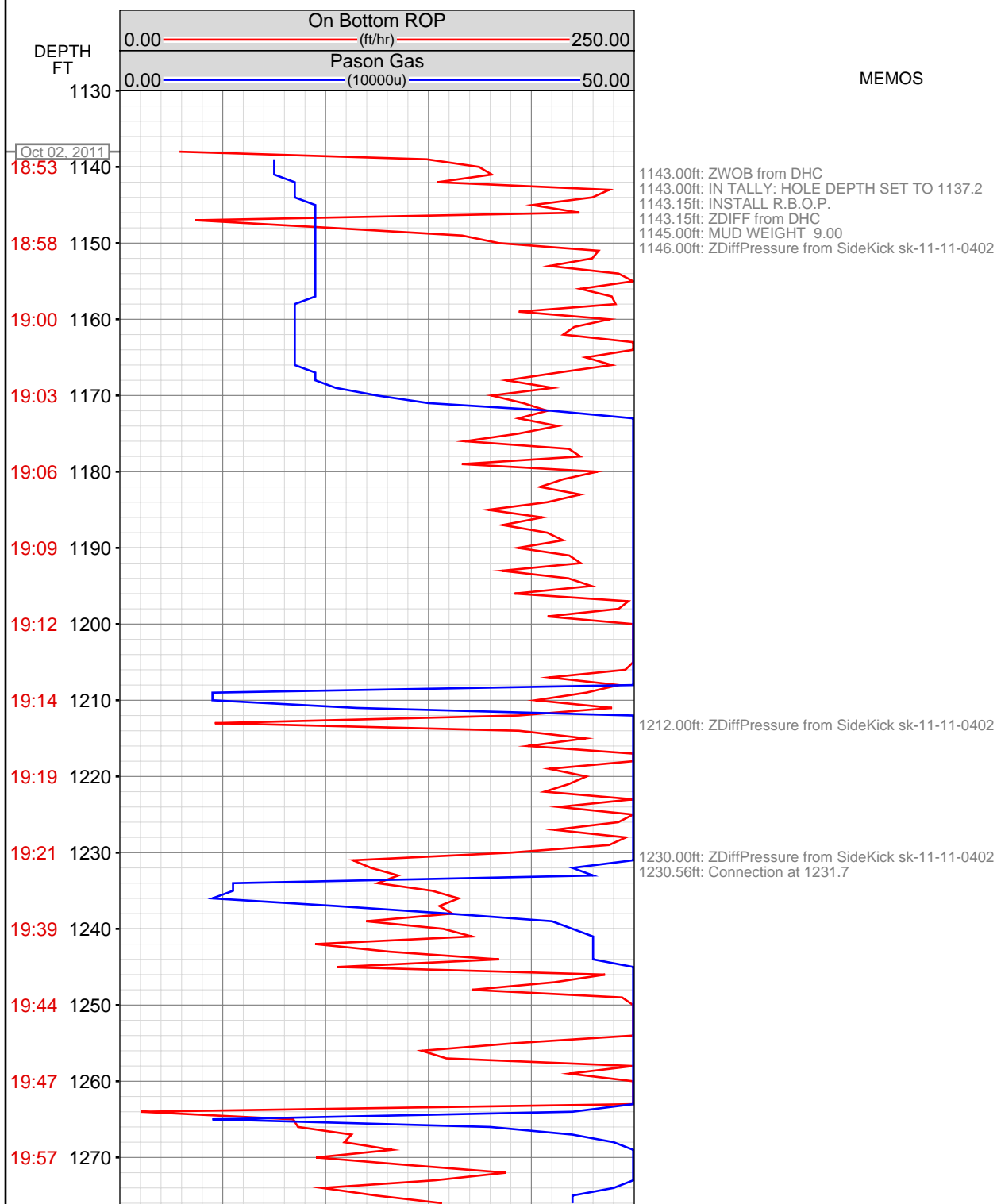
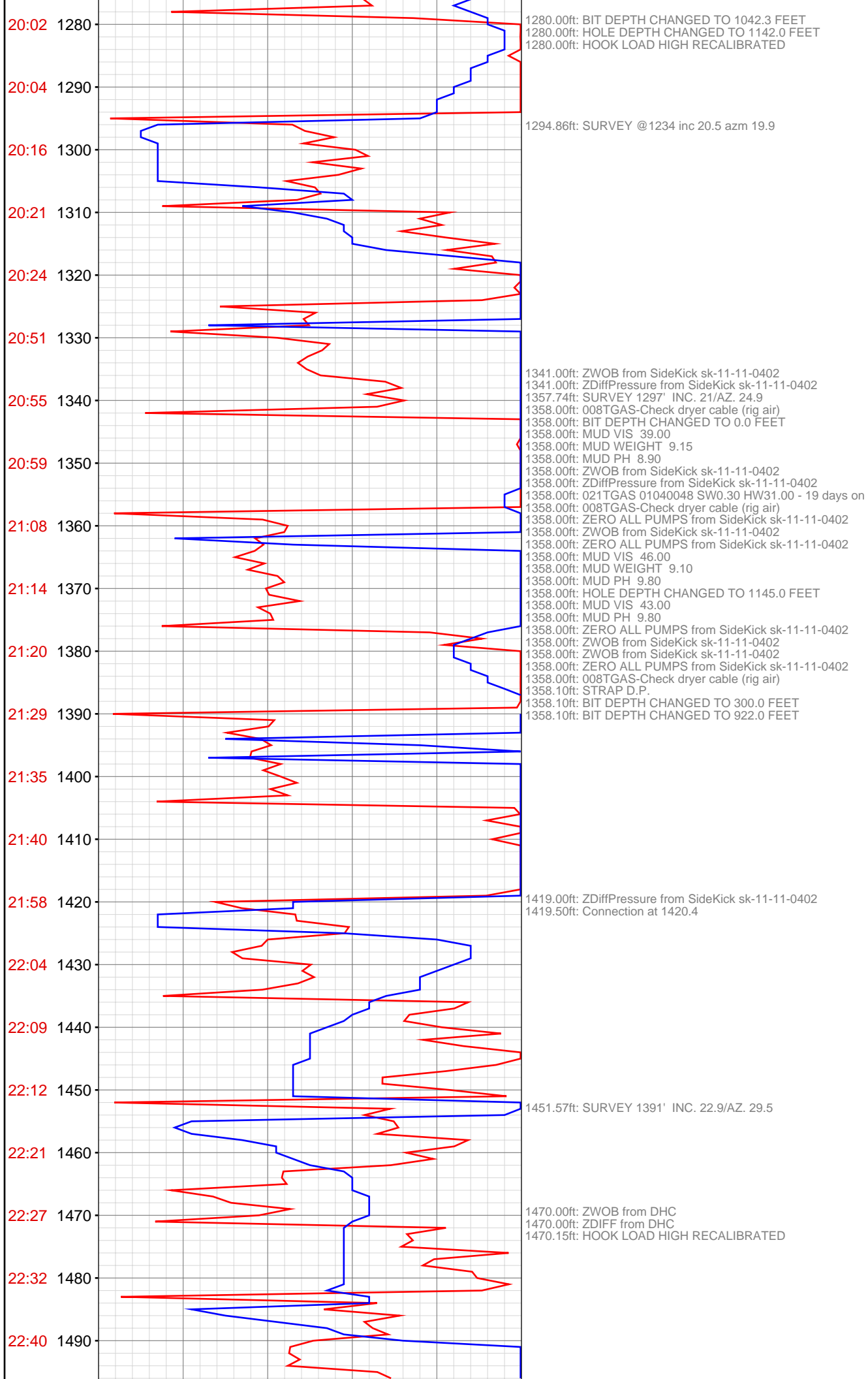
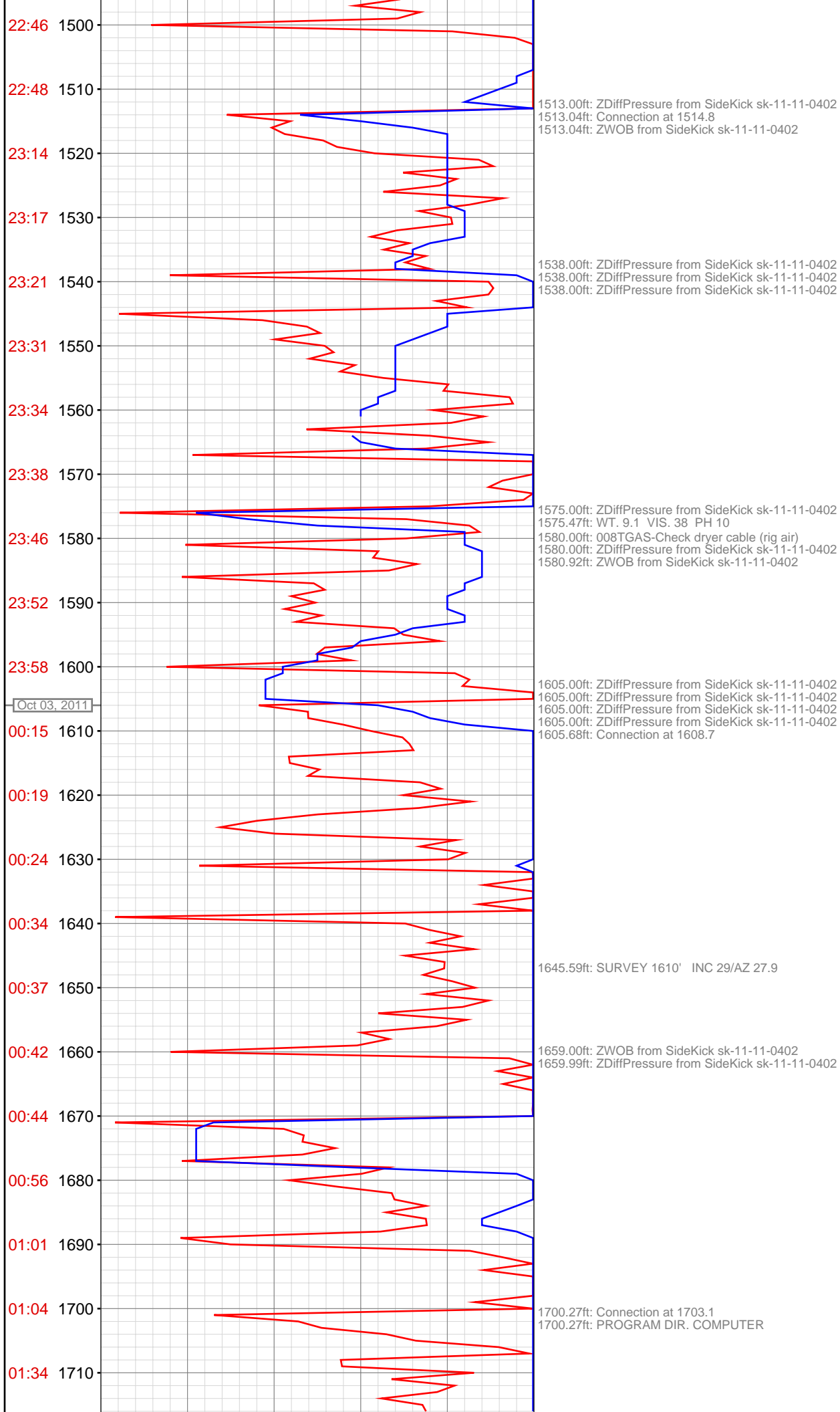


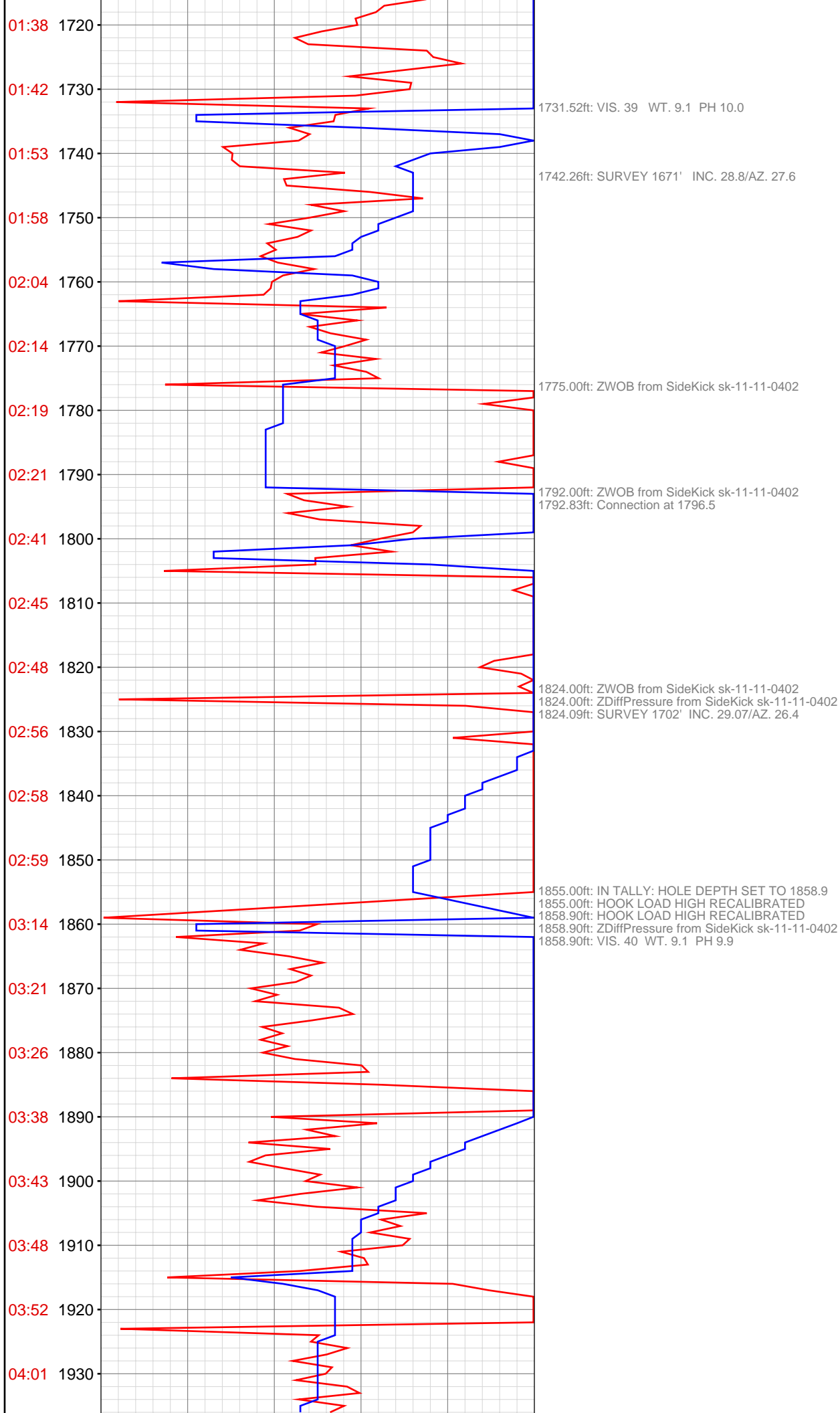
OPERATOR: EnCana Oil & Gas (USA), Inc.
WELL: FEDERAL 25-4A (PE-25)
FIELD:
LOCATION: SEC. 25 T7S R96W
COUNTRY: USA
RIG: Pat-UTI 330

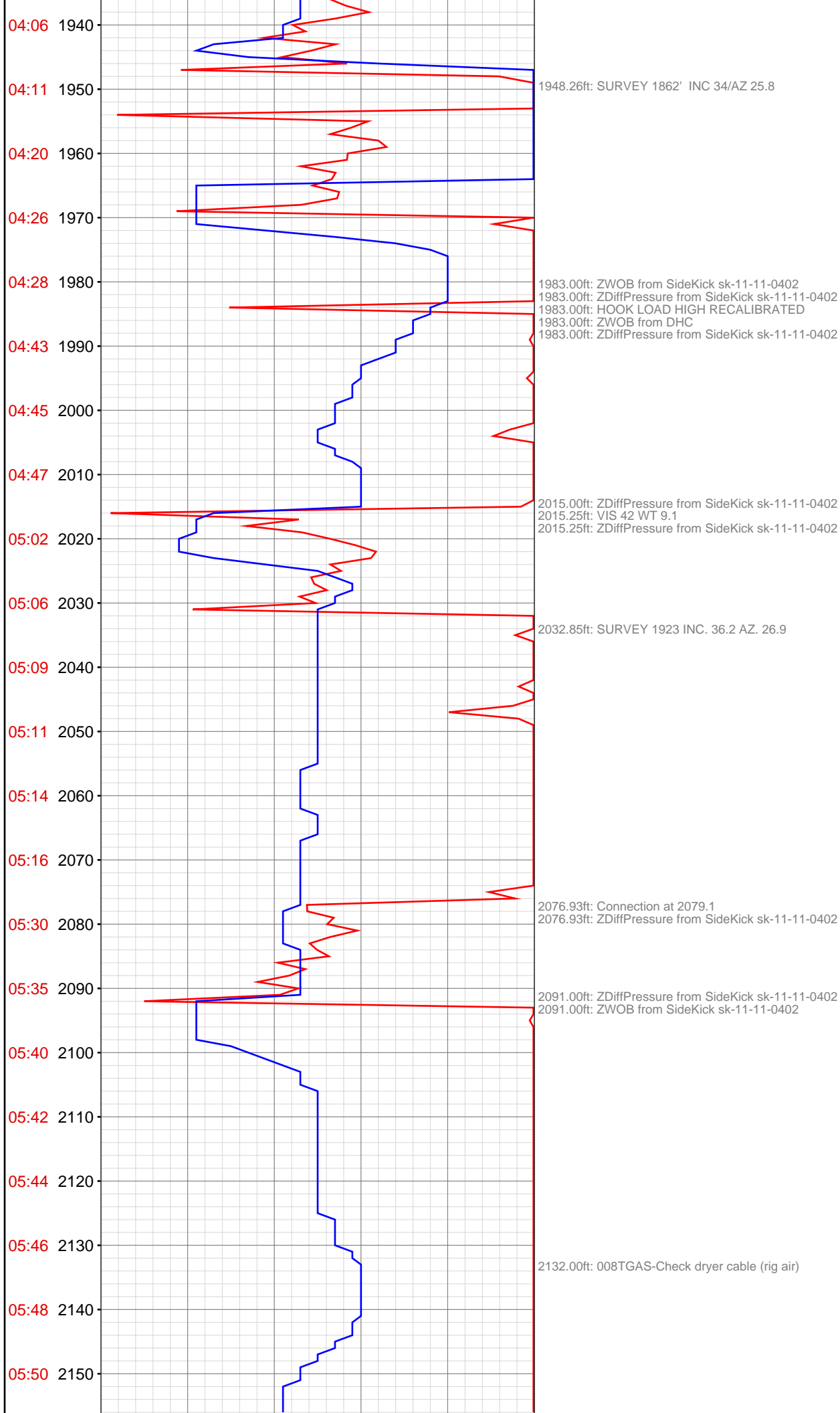
CONTRACTOR: Patterson-UTI Drilling Company
UNIQUE WELL ID: 05-045-20654-00
SPUD DATE: Oct 02, 2011 11:30
RELEASE DATE:

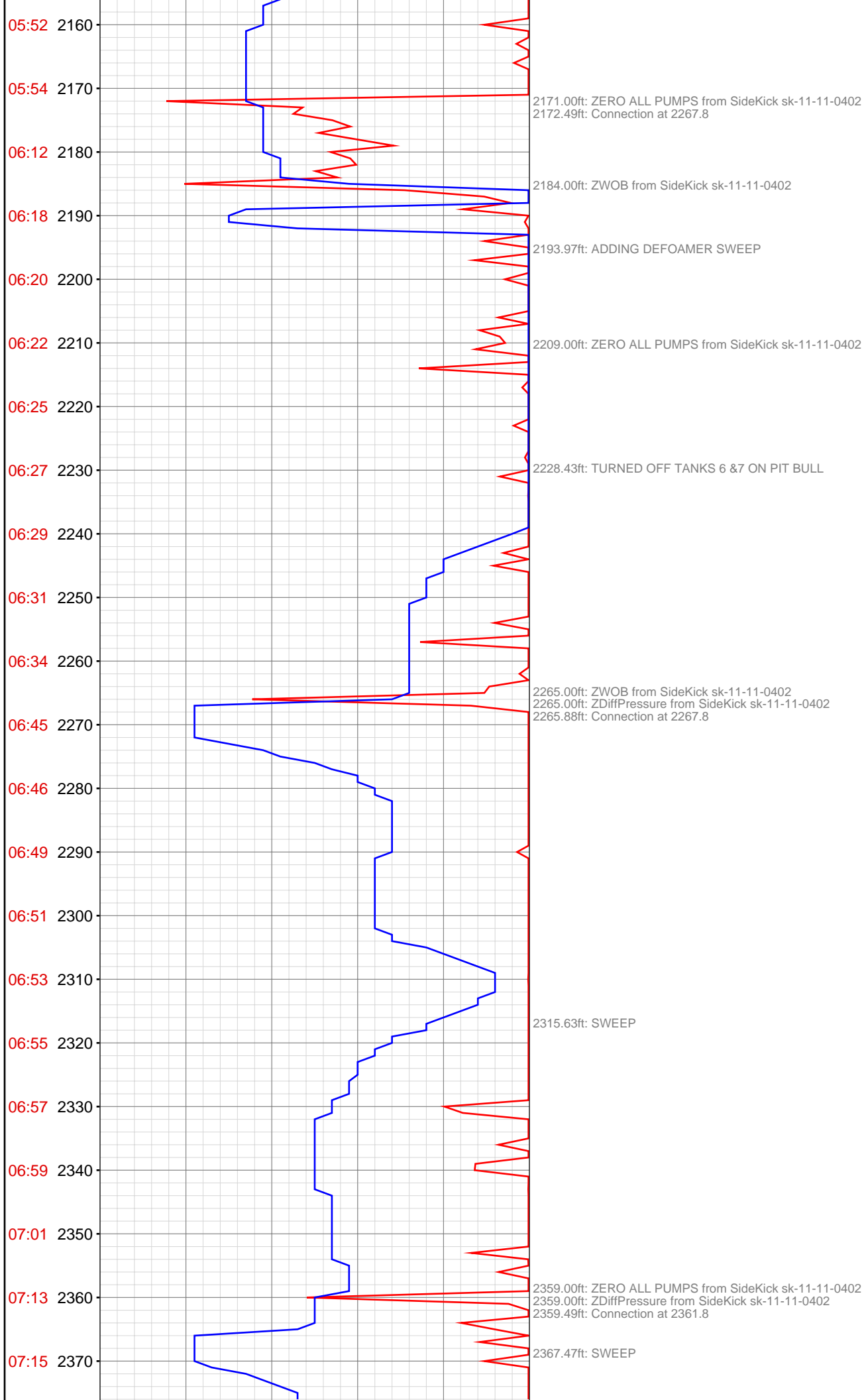


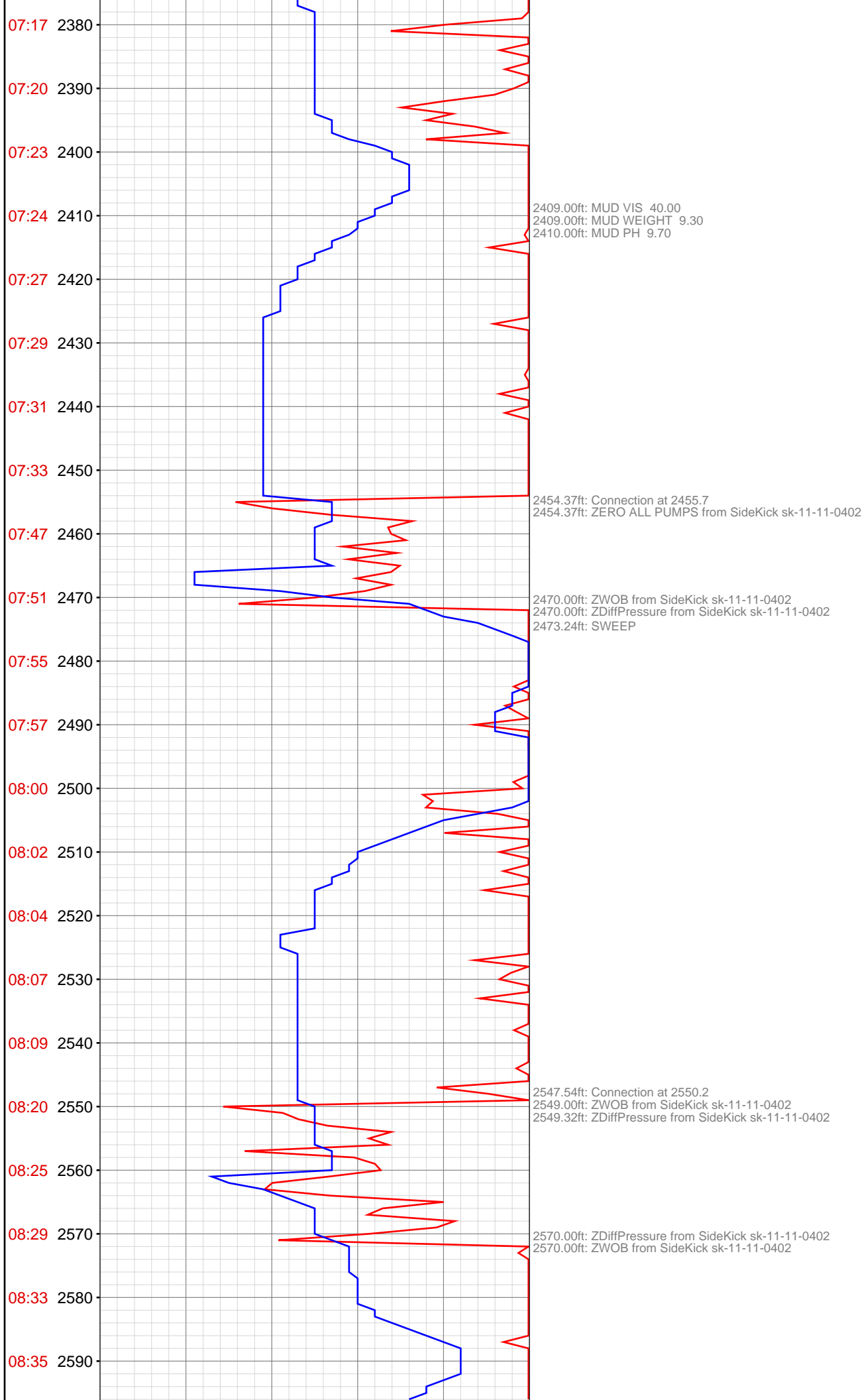


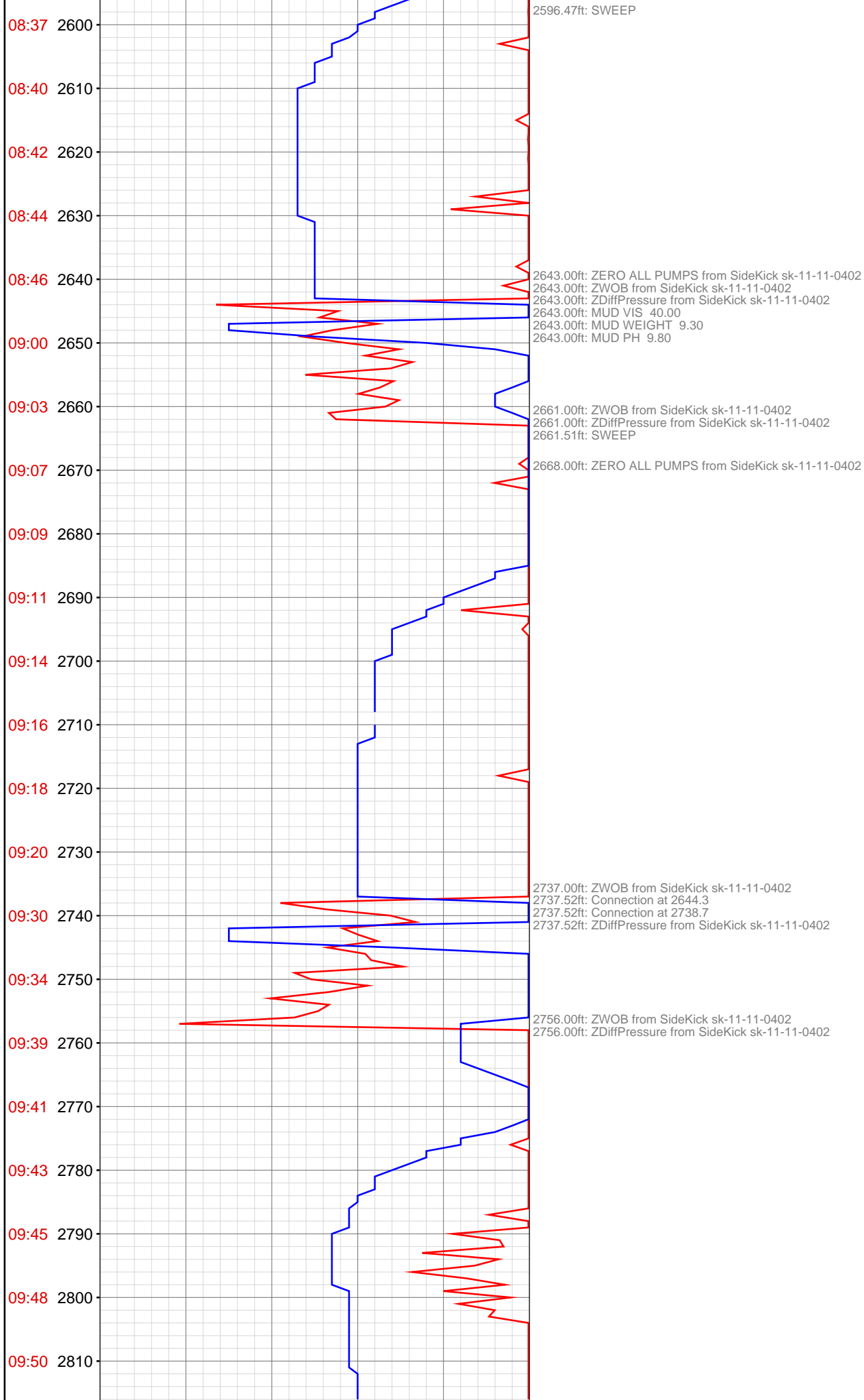


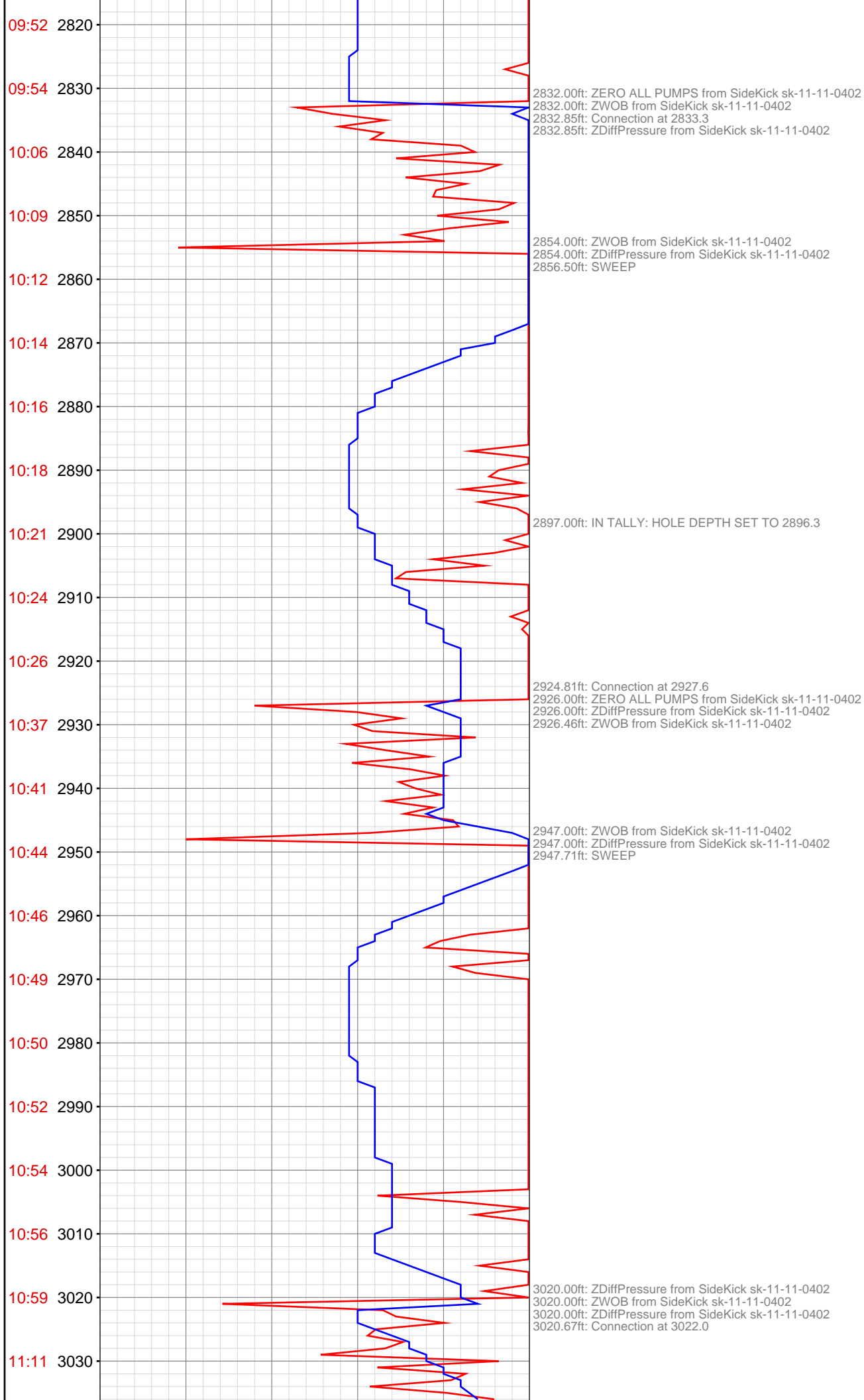


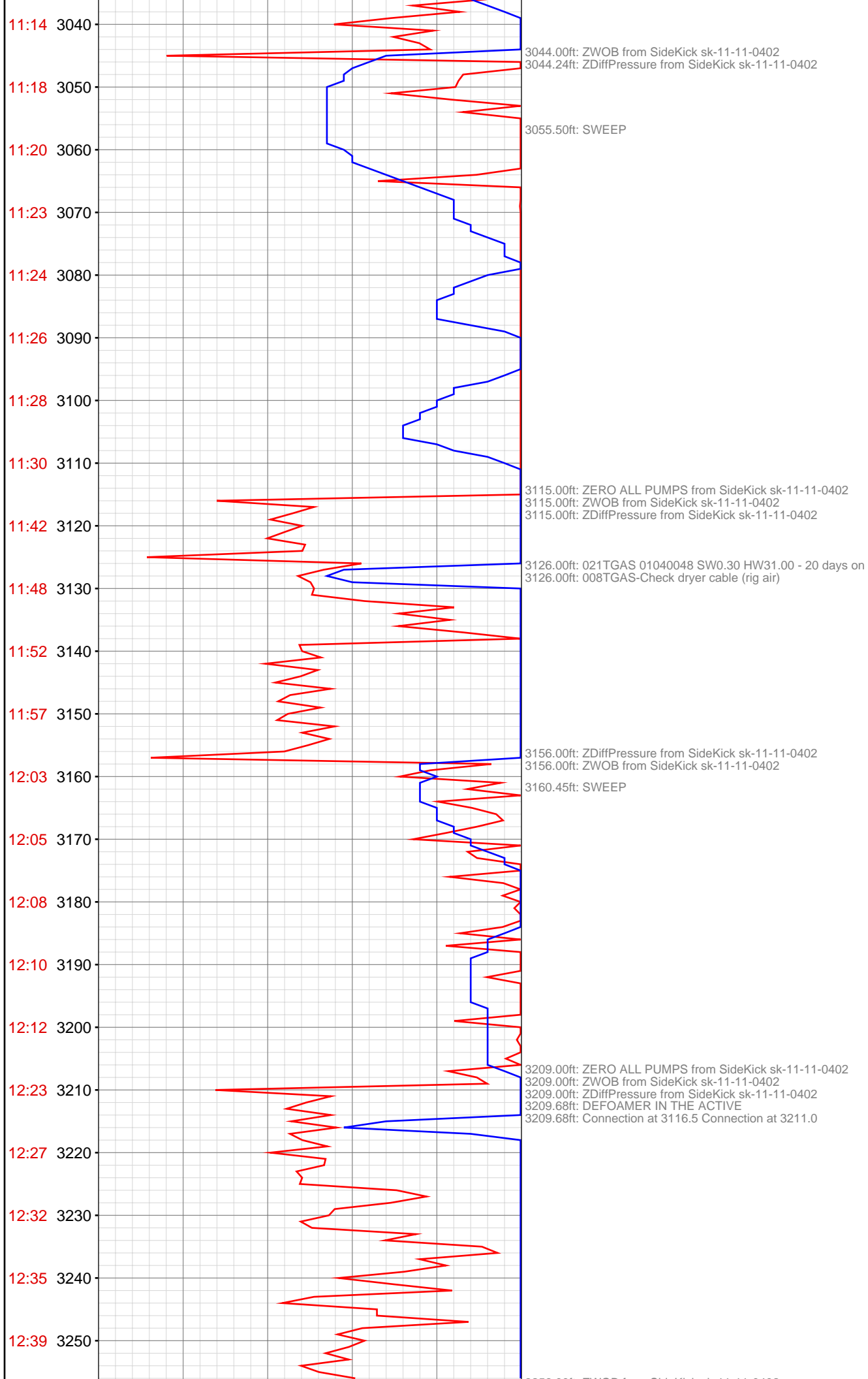


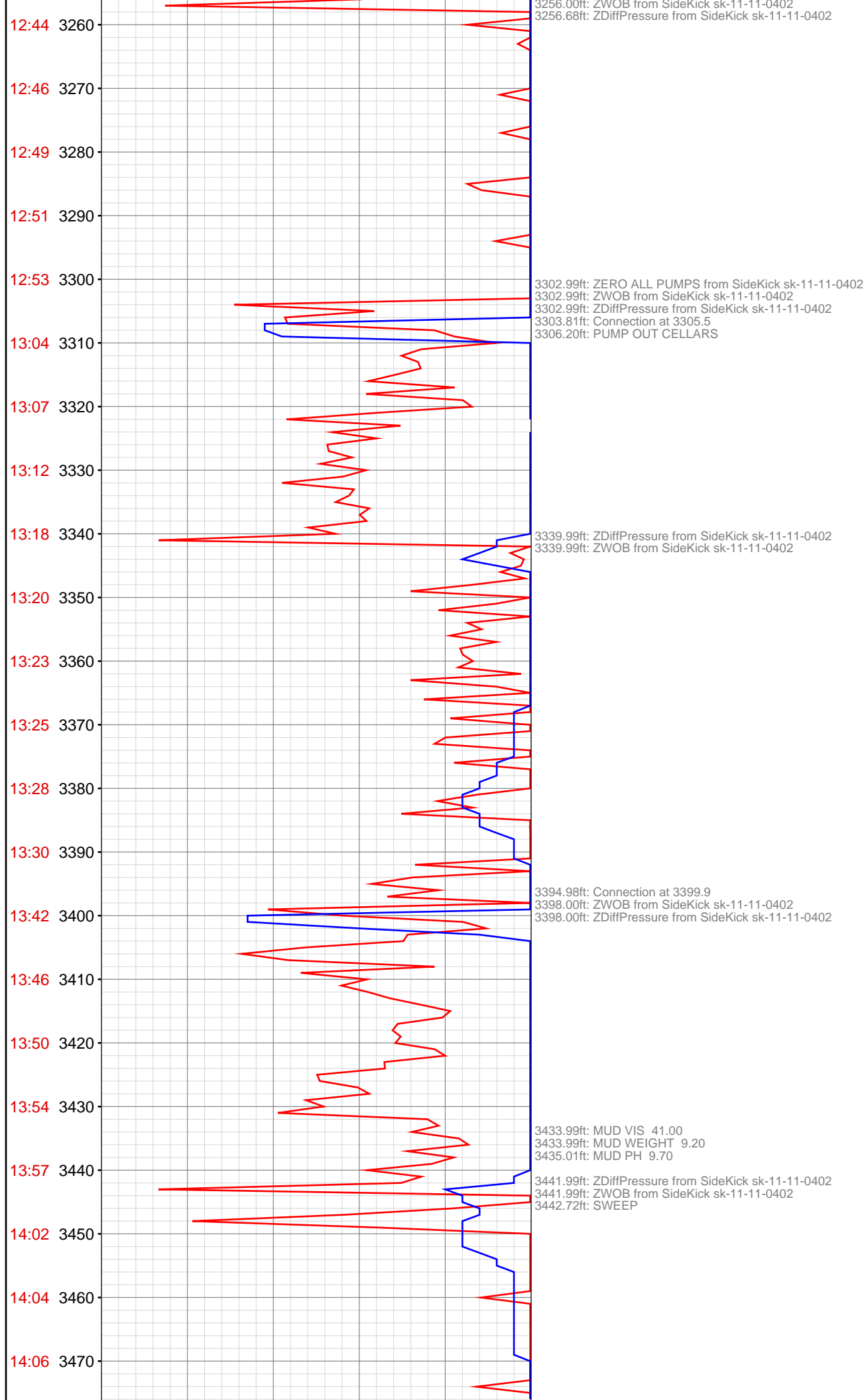


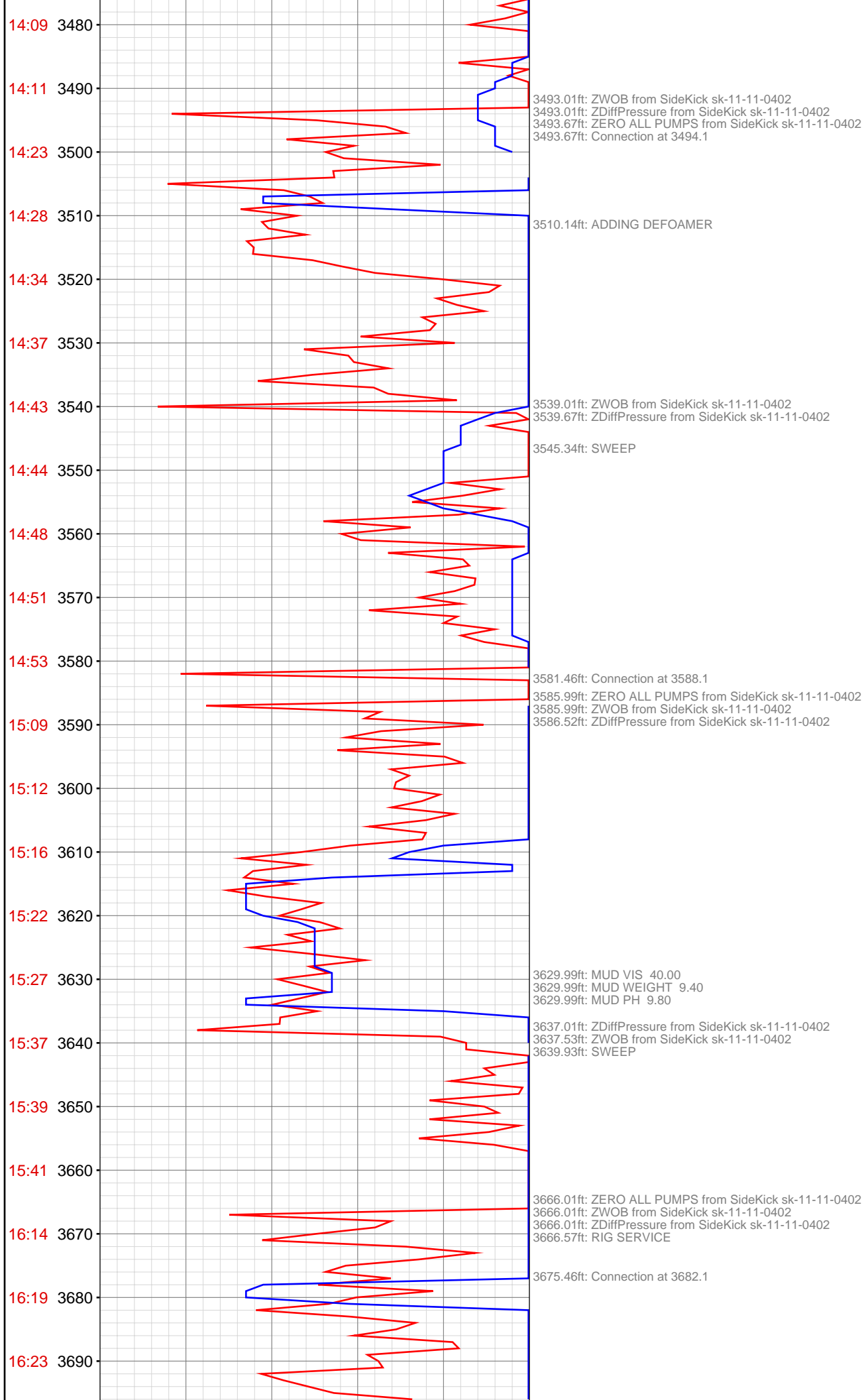


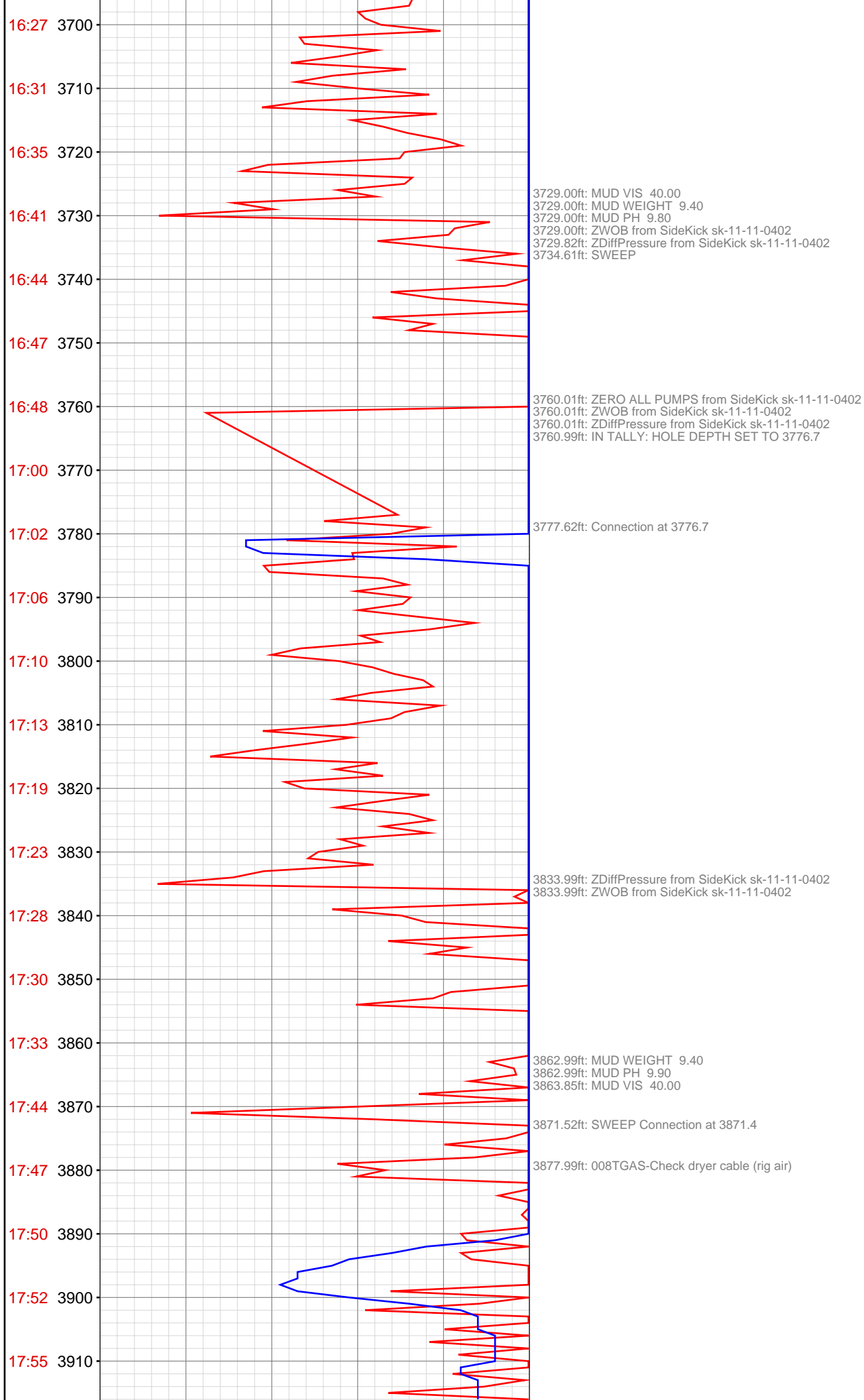


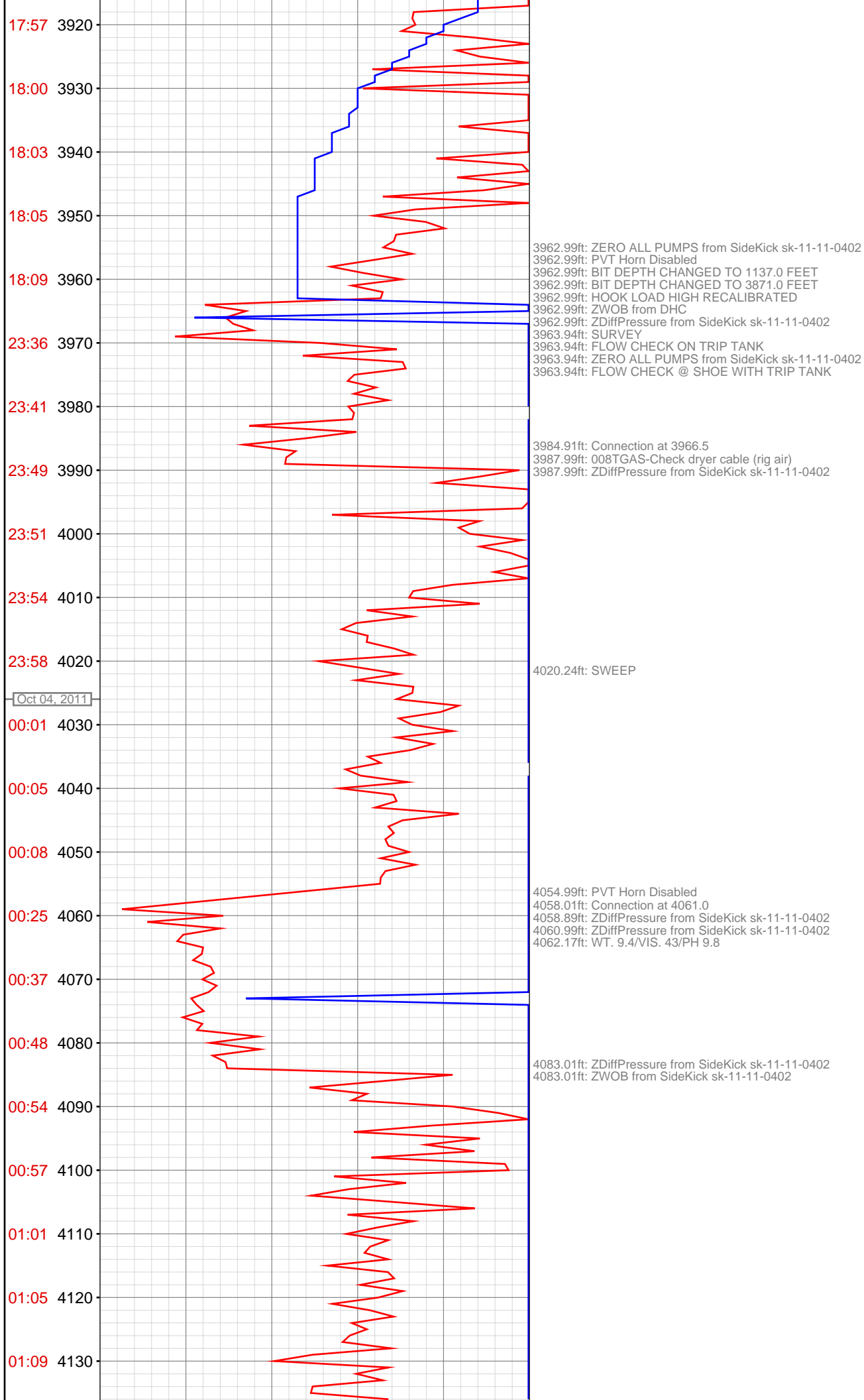


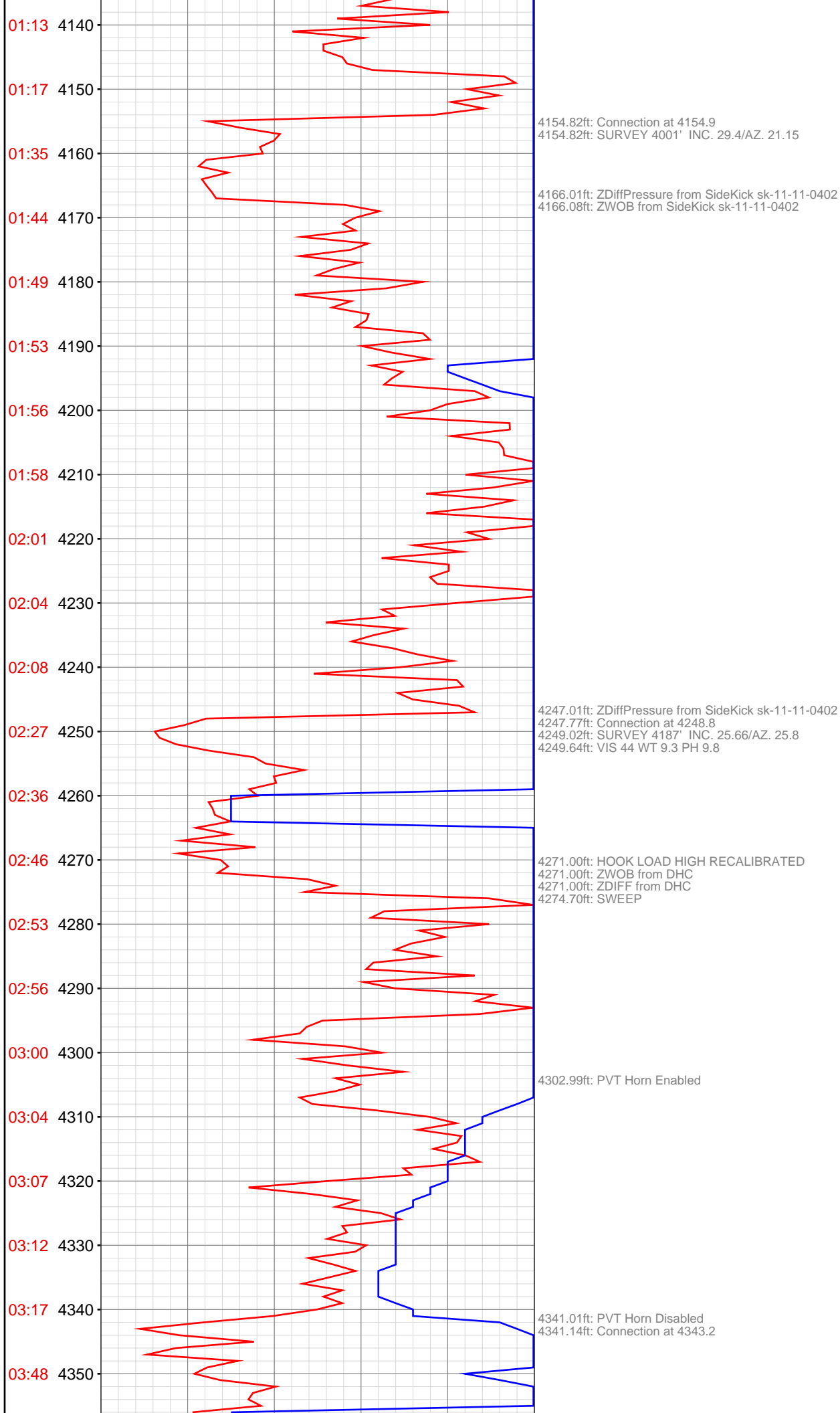


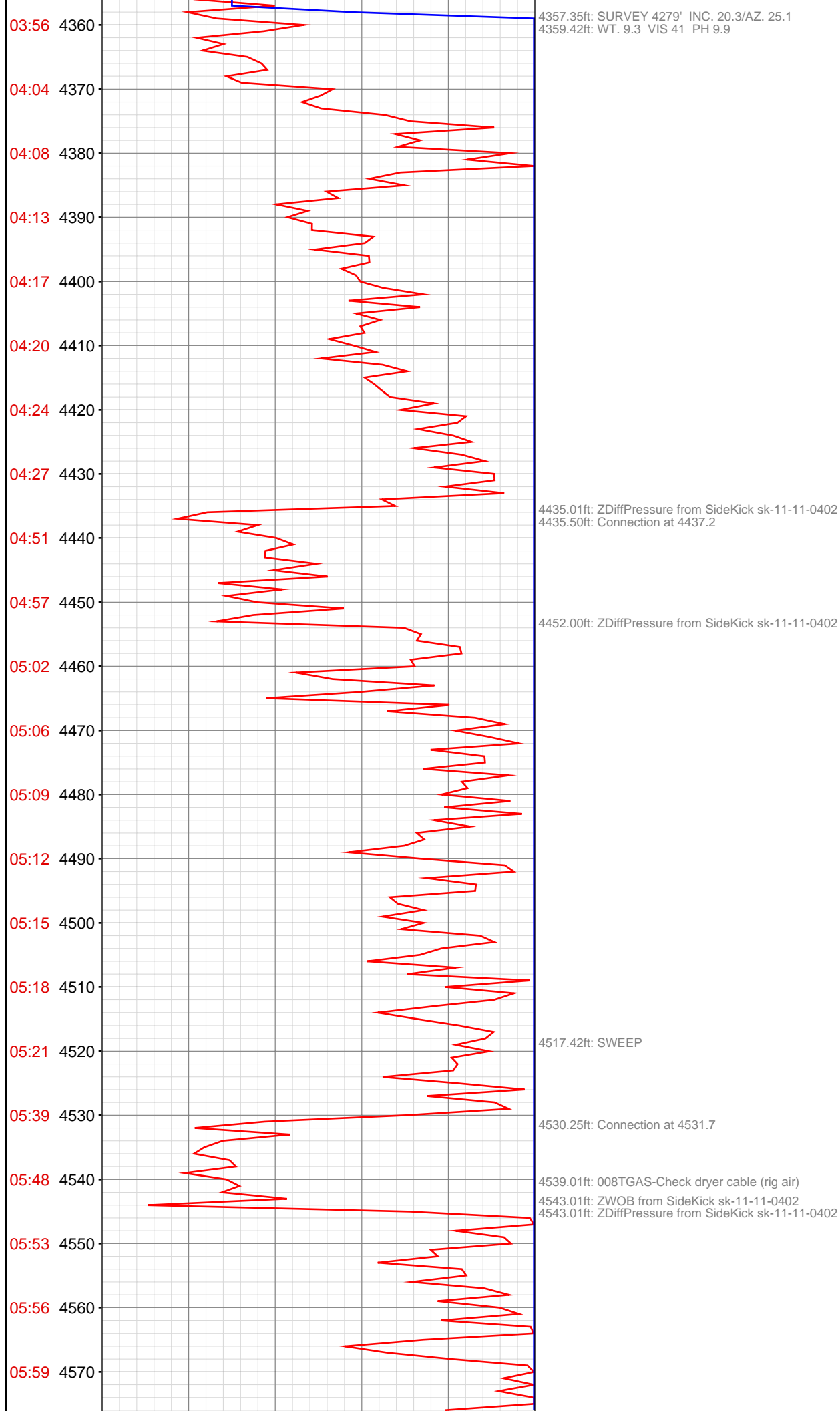


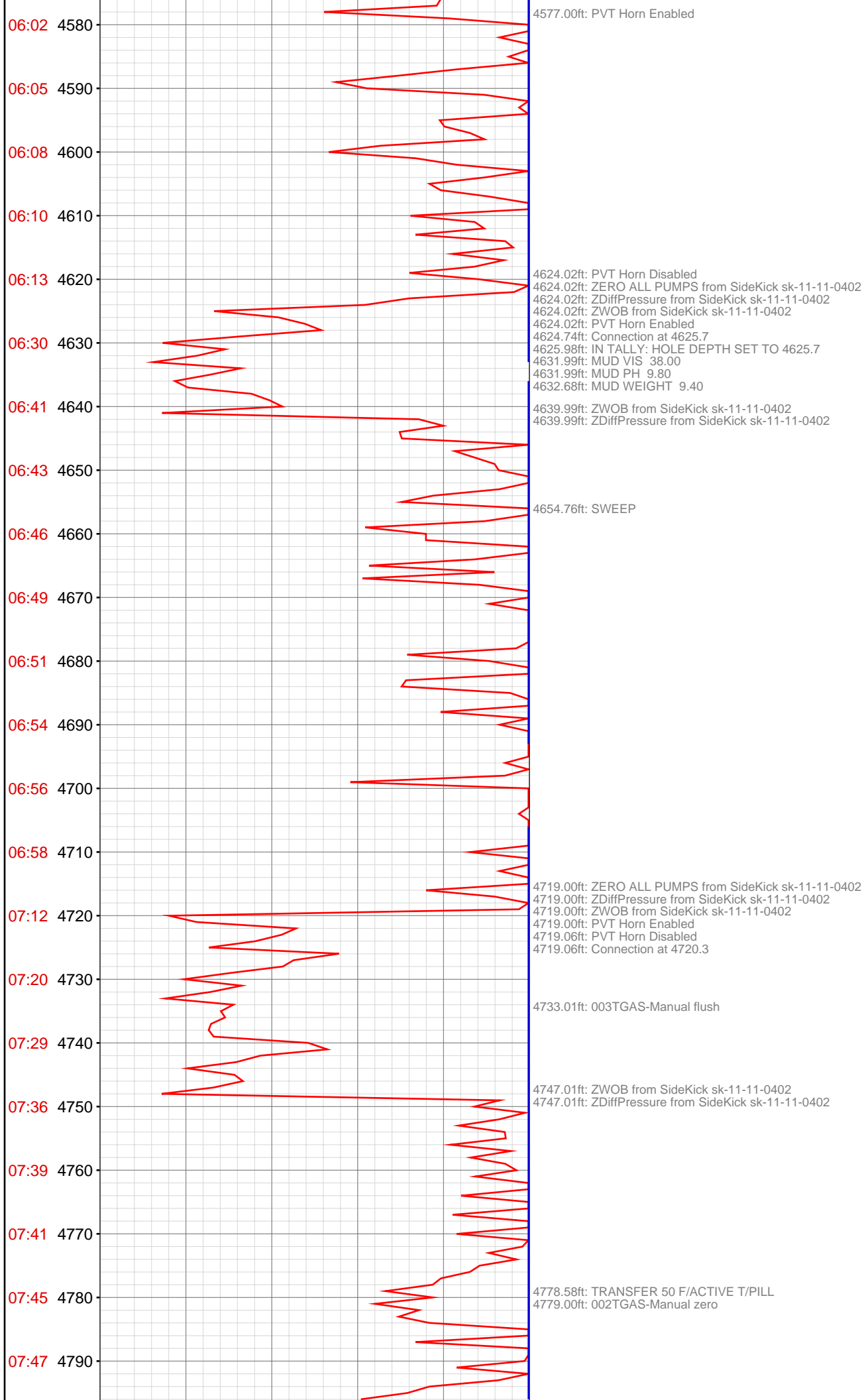


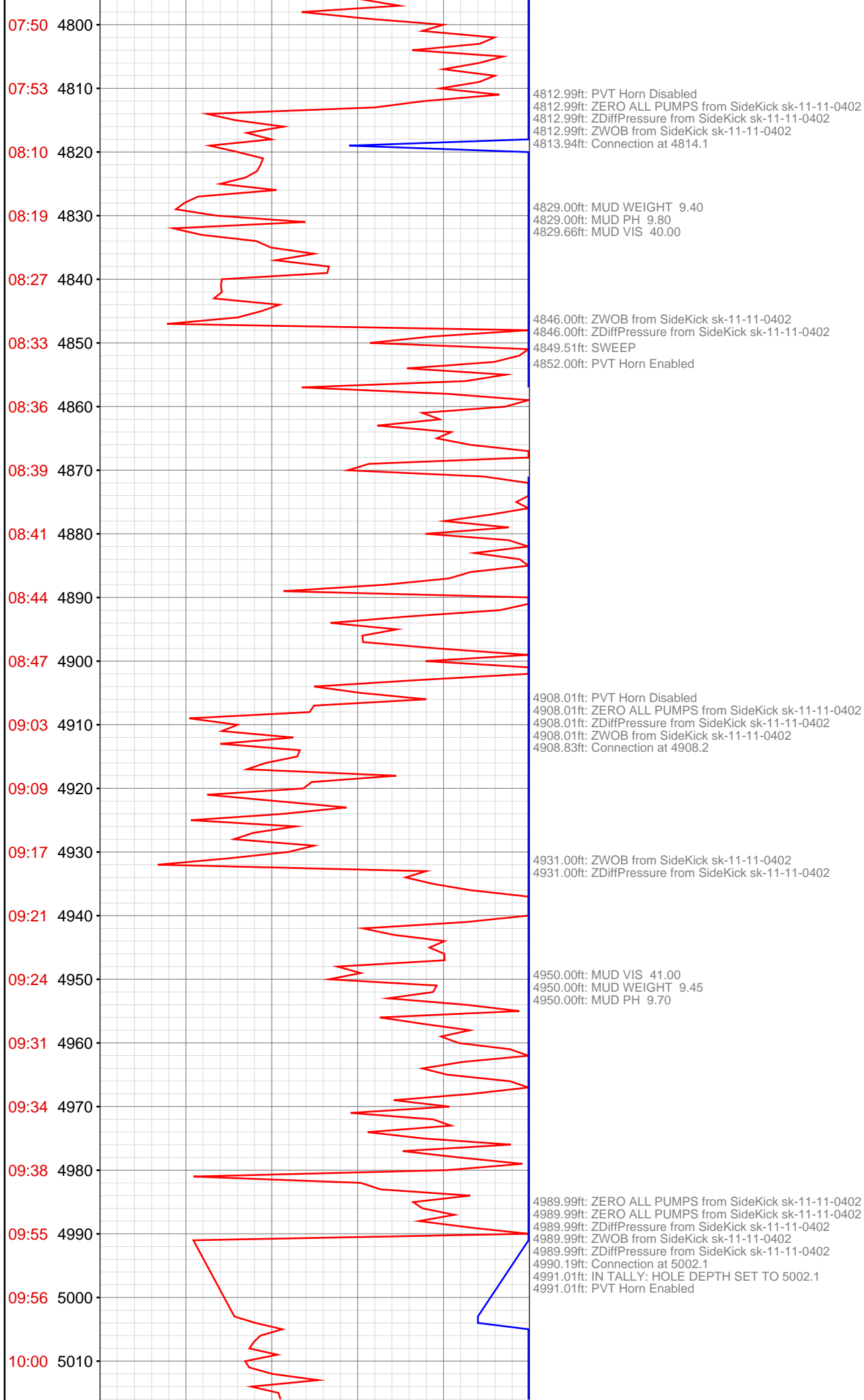


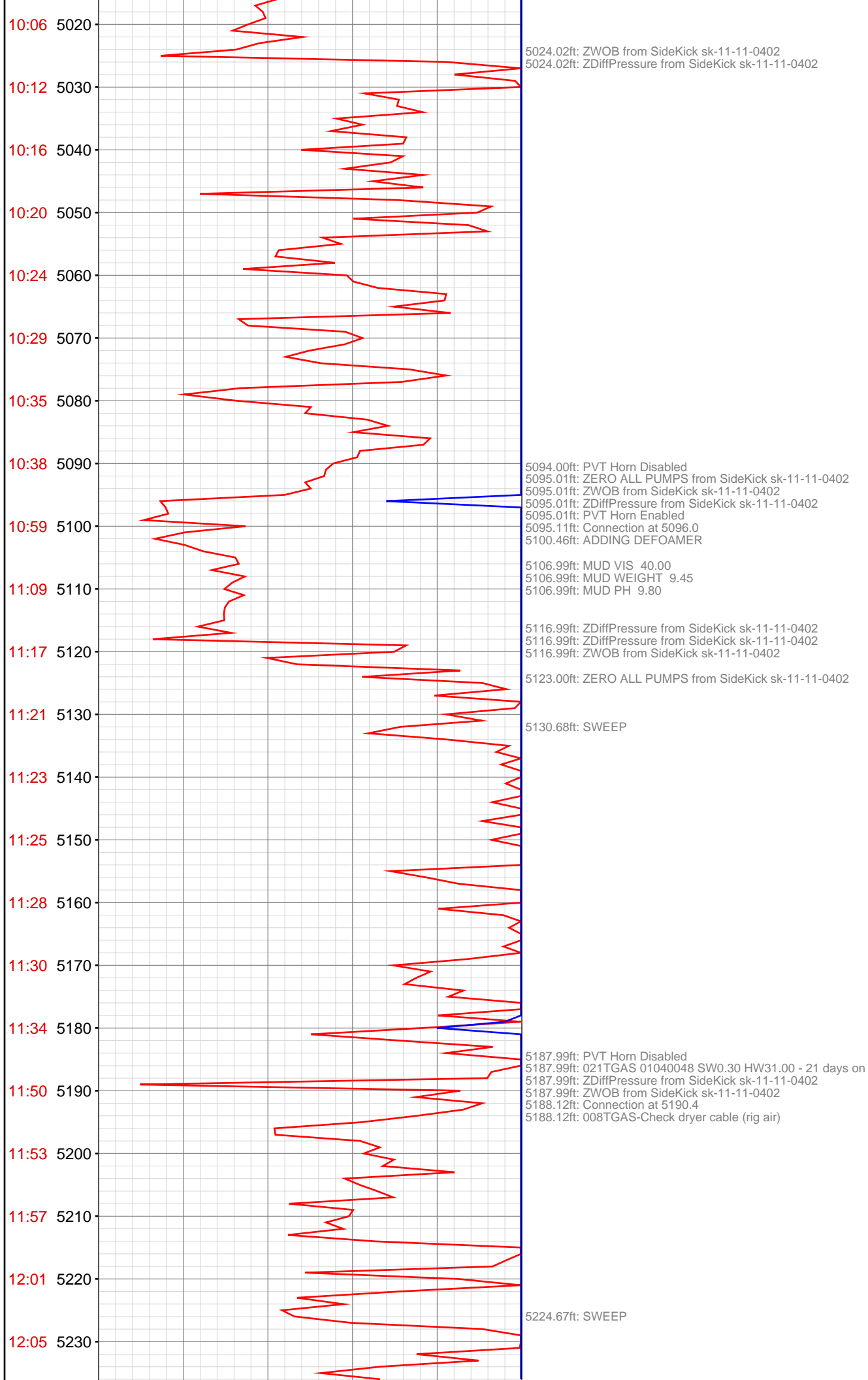


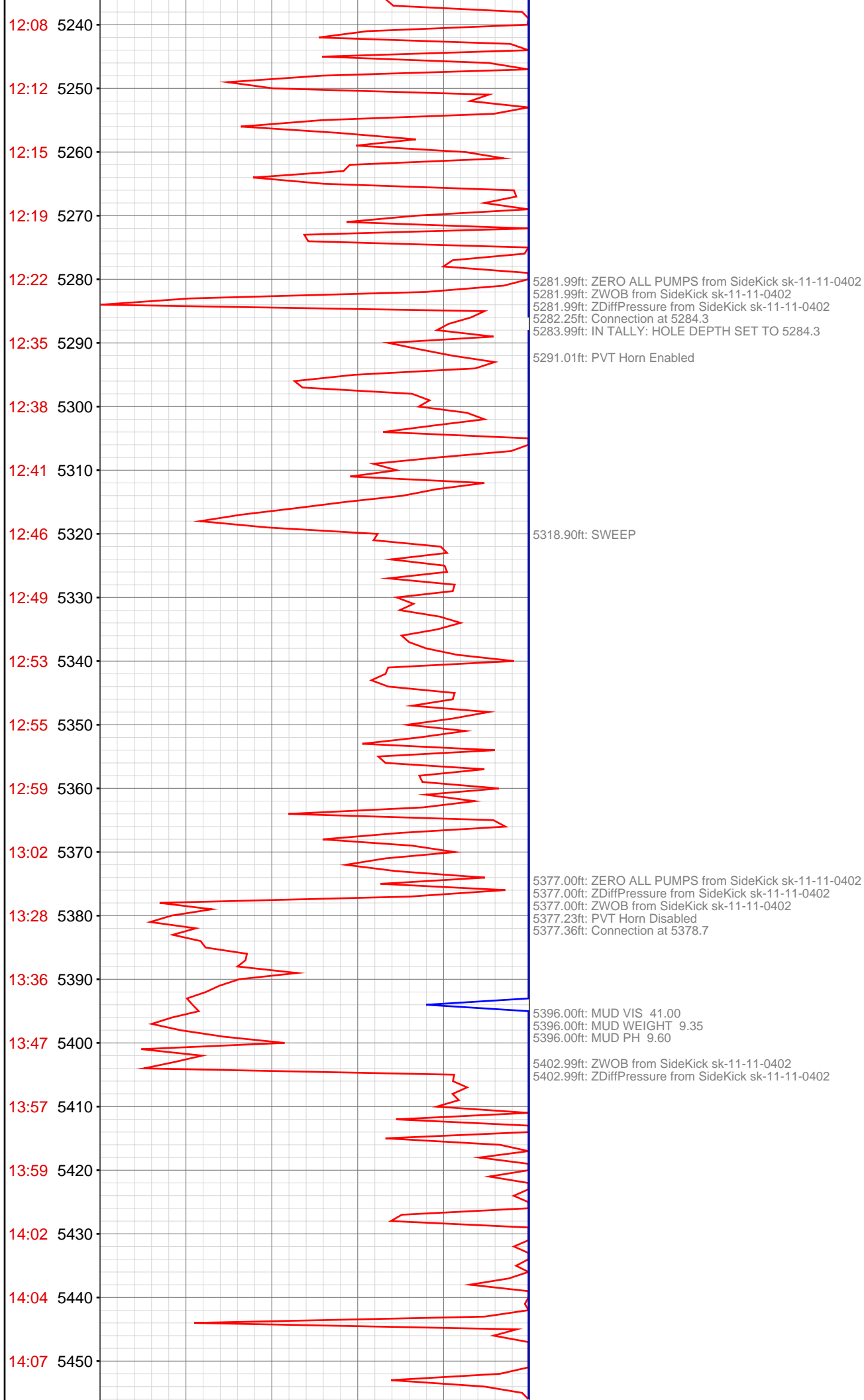


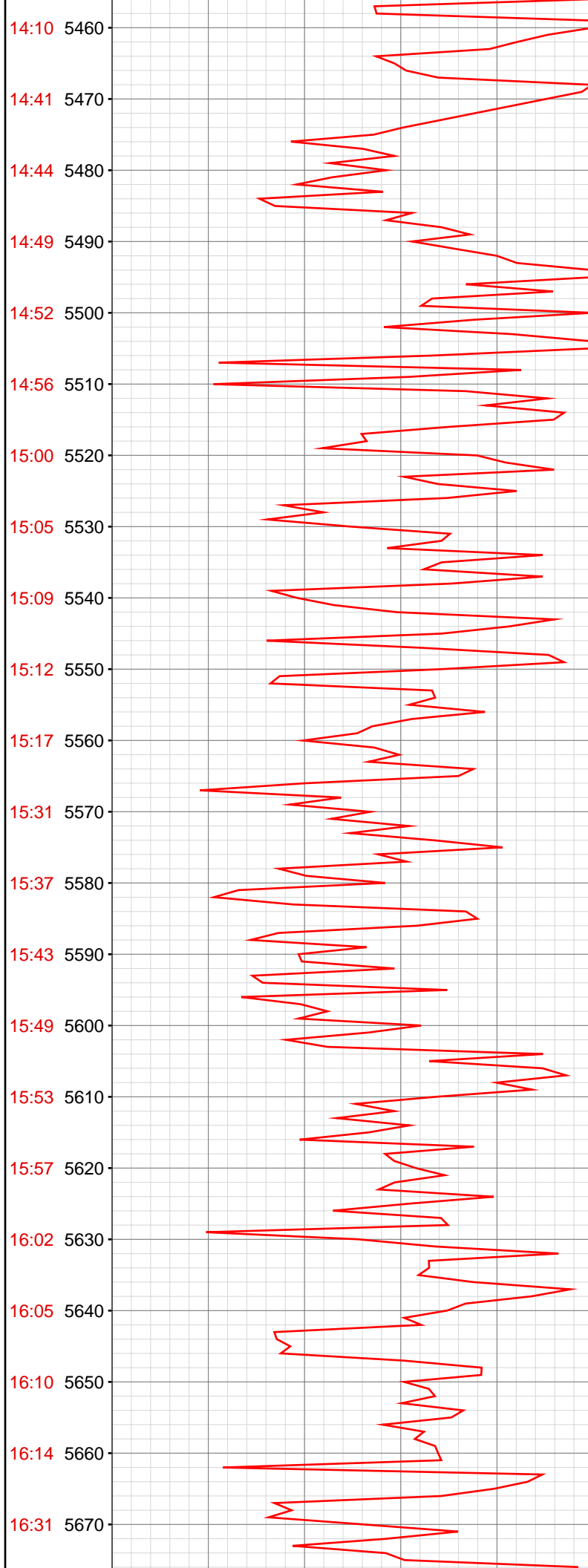












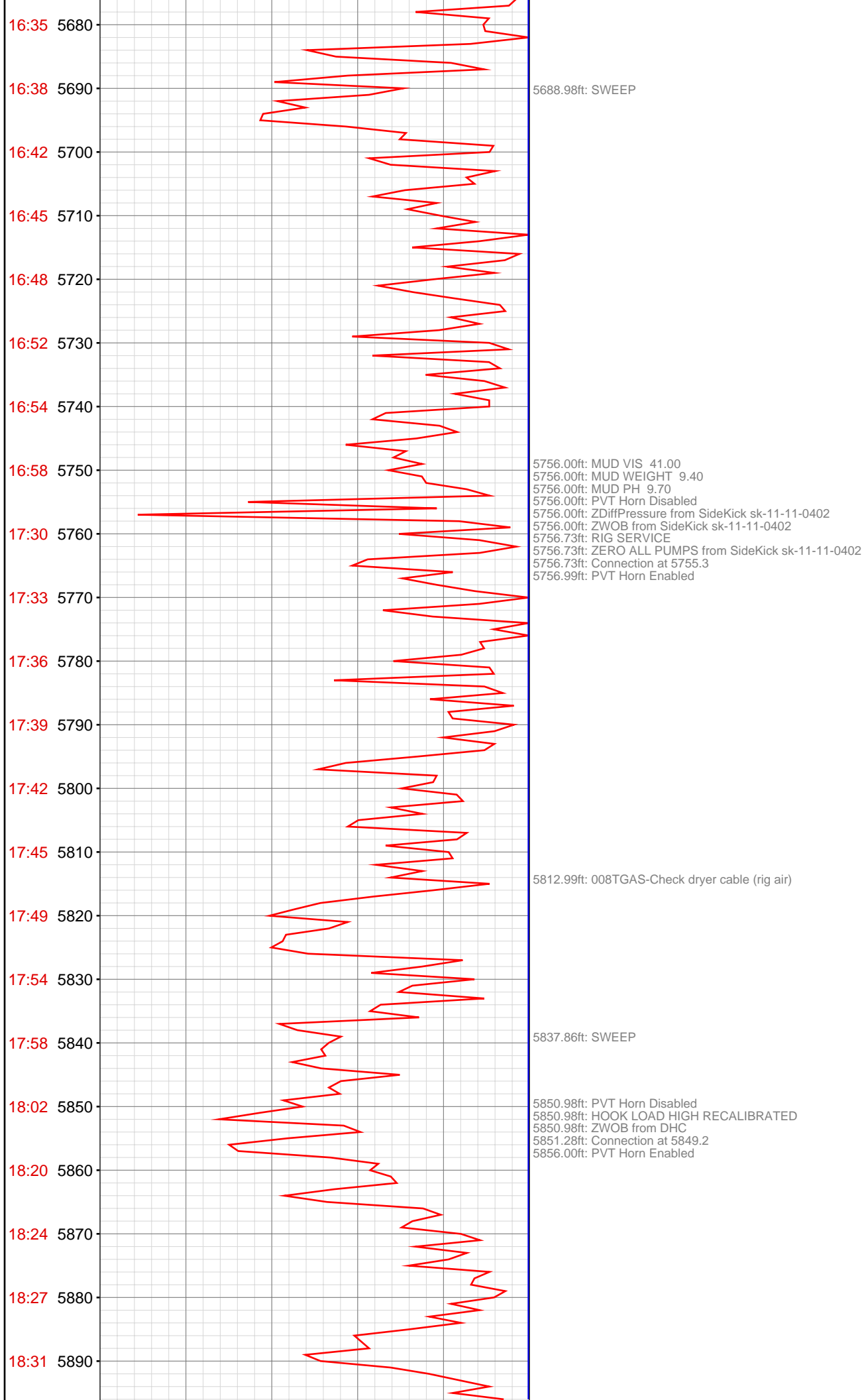
5469.00ft: ZDiffPressure from SideKick sk-11-11-0402
5469.00ft: ZWOB from SideKick sk-11-11-0402
5469.00ft: IN TALLY: HOLE DEPTH SET TO 5473.3
5469.85ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
5469.85ft: Connection at 5473.3

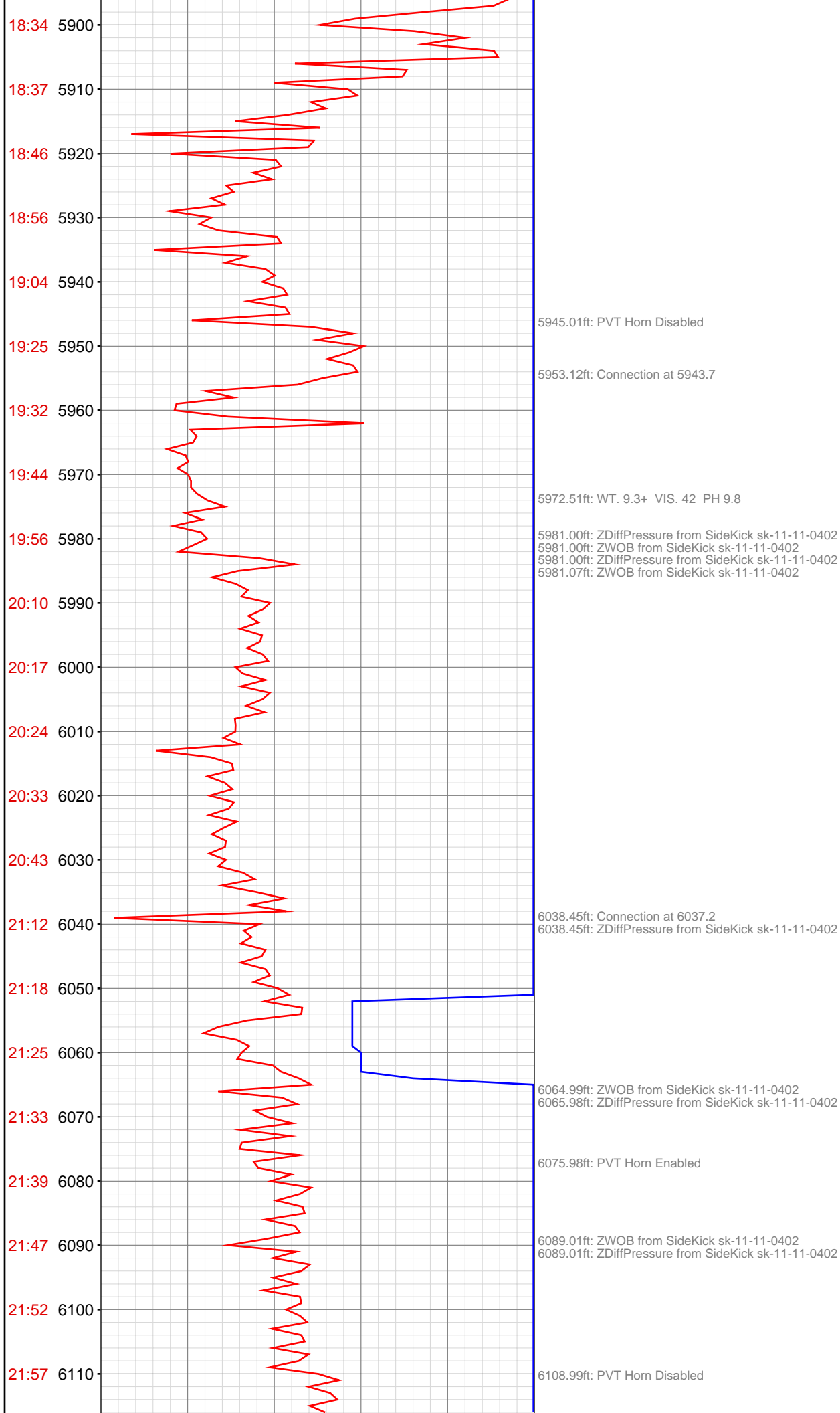
5564.99ft: MUD VIS 41.00
5564.99ft: MUD WEIGHT 9.40
5564.99ft: MUD PH 9.70
5566.01ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
5566.01ft: ZWOB from SideKick sk-11-11-0402
5566.01ft: ZDiffPressure from SideKick sk-11-11-0402
5566.96ft: Connection at 5567.6

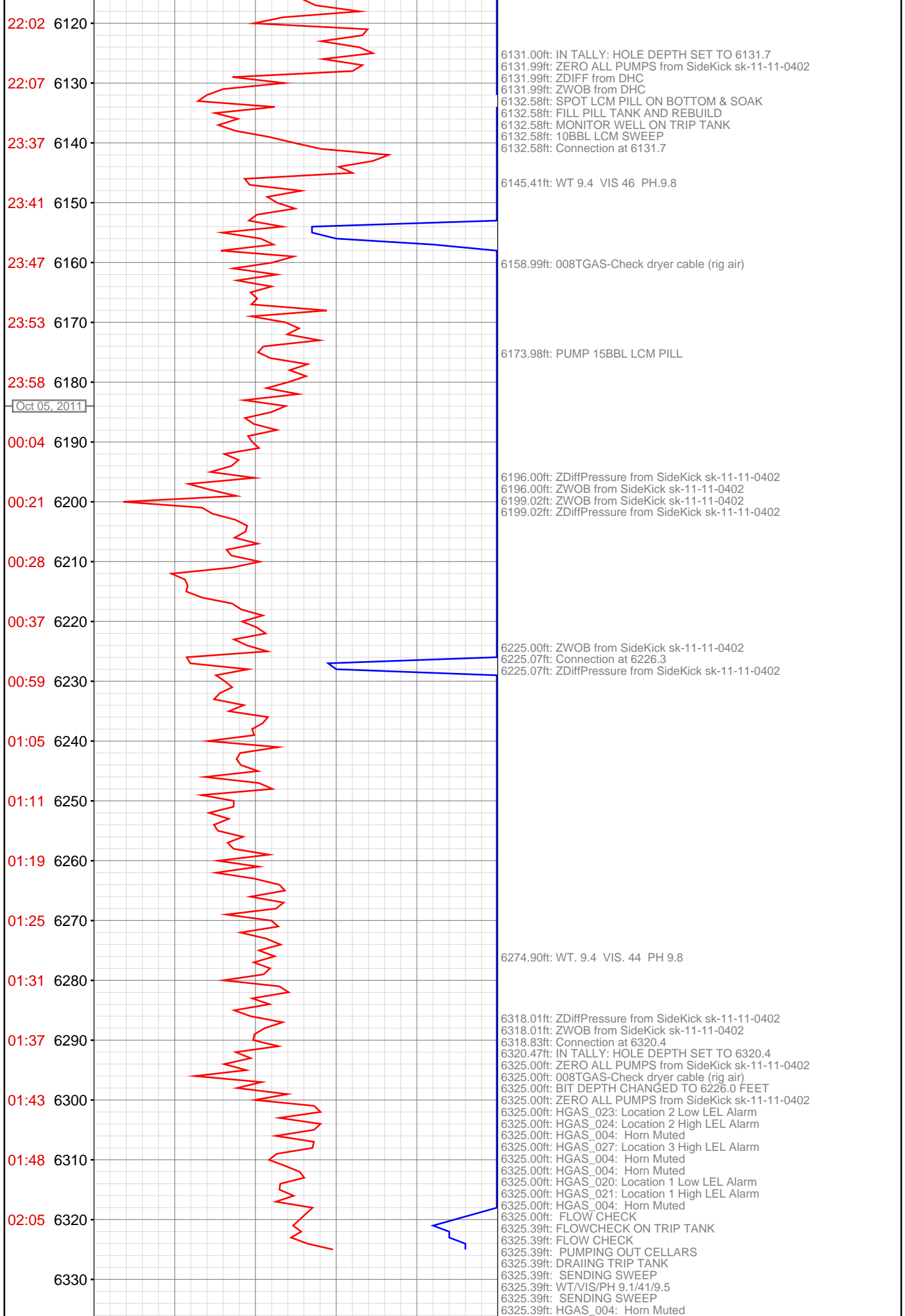
5582.55ft: ADDING DEFOAMER
5585.53ft: SWEEP

5646.00ft: MUD WEIGHT 9.45
5646.10ft: MUD VIS 42.00
5646.69ft: MUD PH 9.80

5660.99ft: PVT Horn Disabled
5660.99ft: ZDiffPressure from SideKick sk-11-11-0402
5660.99ft: ZWOB from SideKick sk-11-11-0402
5660.99ft: ZDiffPressure from SideKick sk-11-11-0402
5664.21ft: Connection at 5660.9
5664.99ft: PVT Horn Enabled







6325.39ft: LEL ALARM TESTS
6325.39ft: FLUSHING OUT PILL TANK