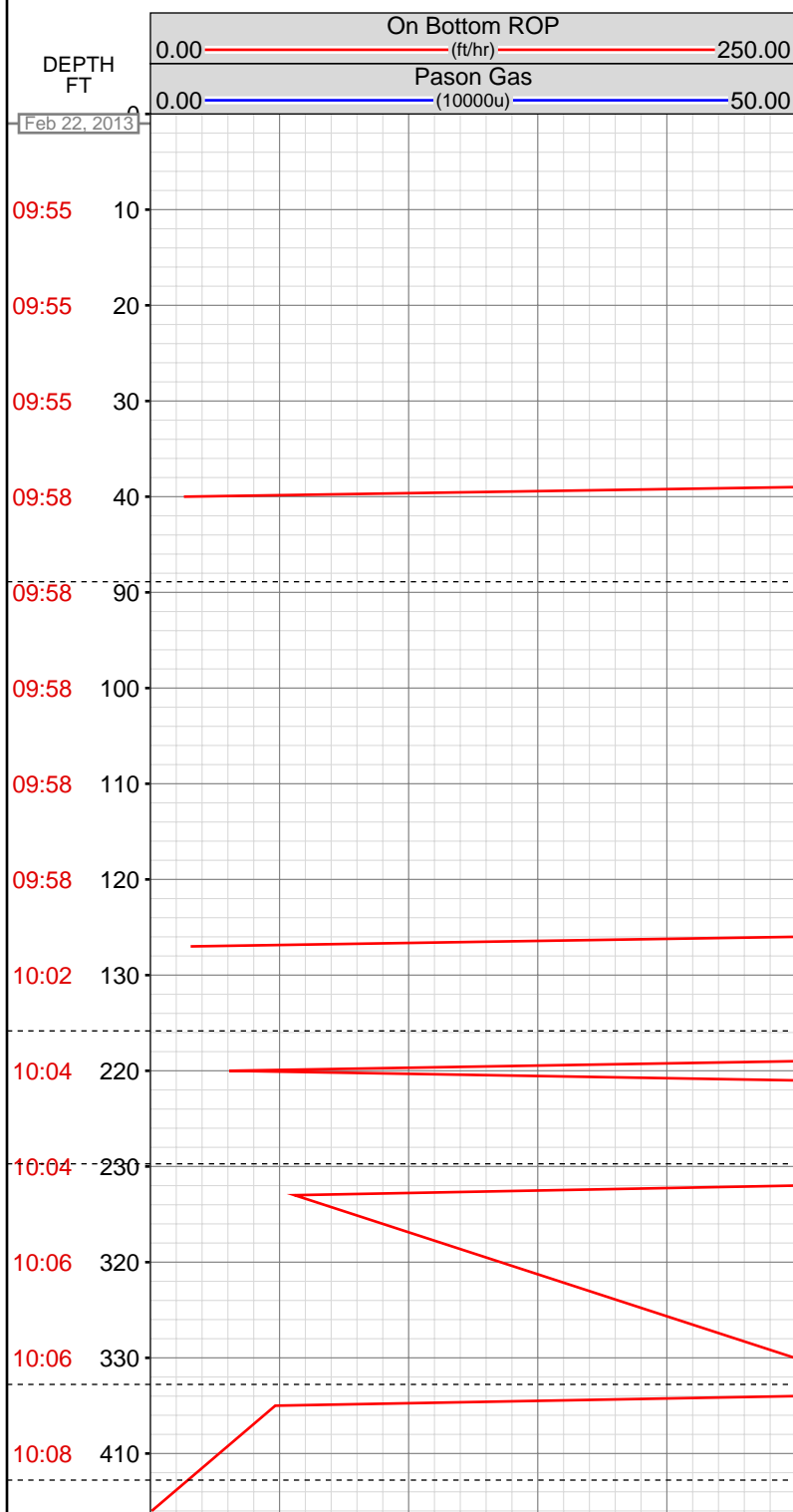


# DataHub EDR Log

Wed Feb 27, 2013 10:44:04  
Well Dossier 1361510646  
Greg Veregin

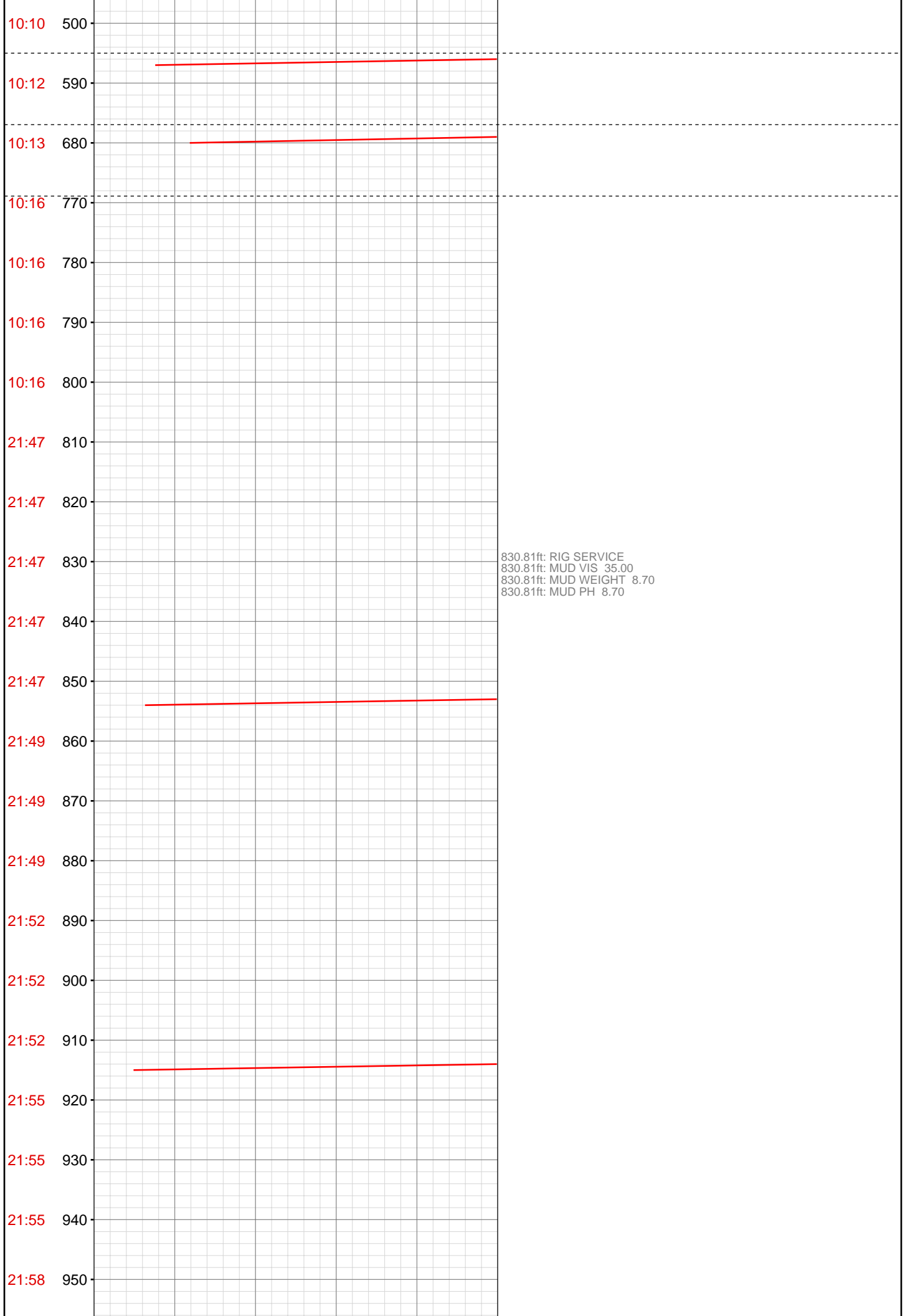
**OPERATOR:** EnCana Oil & Gas (USA), Inc.  
**WELL:** SHIDELER 30-7A  
**FIELD:**  
**LOCATION:** SEC 19 TWN T7S RNG 92W  
**COUNTRY:** USA  
**RIG:** Pat-UTI 308

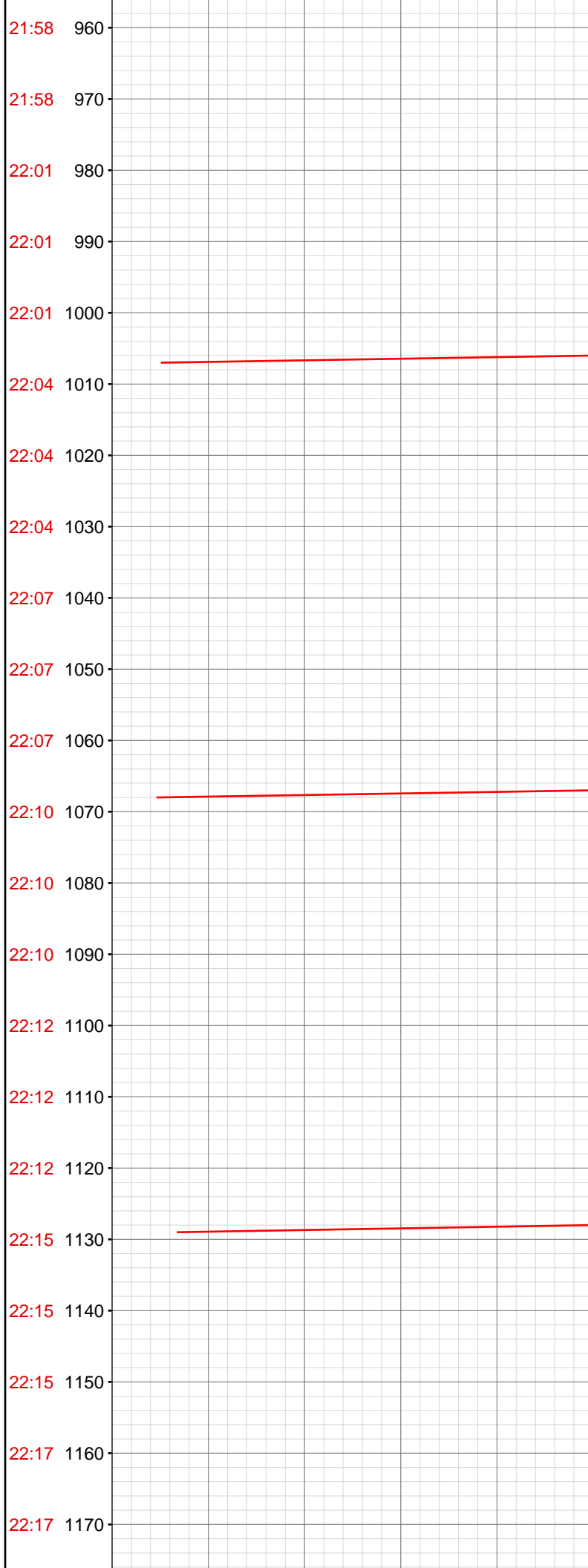
**CONTRACTOR:** Patterson-UTI Drilling Company  
**UNIQUE WELL ID:** 05-045-21839  
**SPUD DATE:** Feb 22, 2013 10:00  
**RELEASE DATE:**

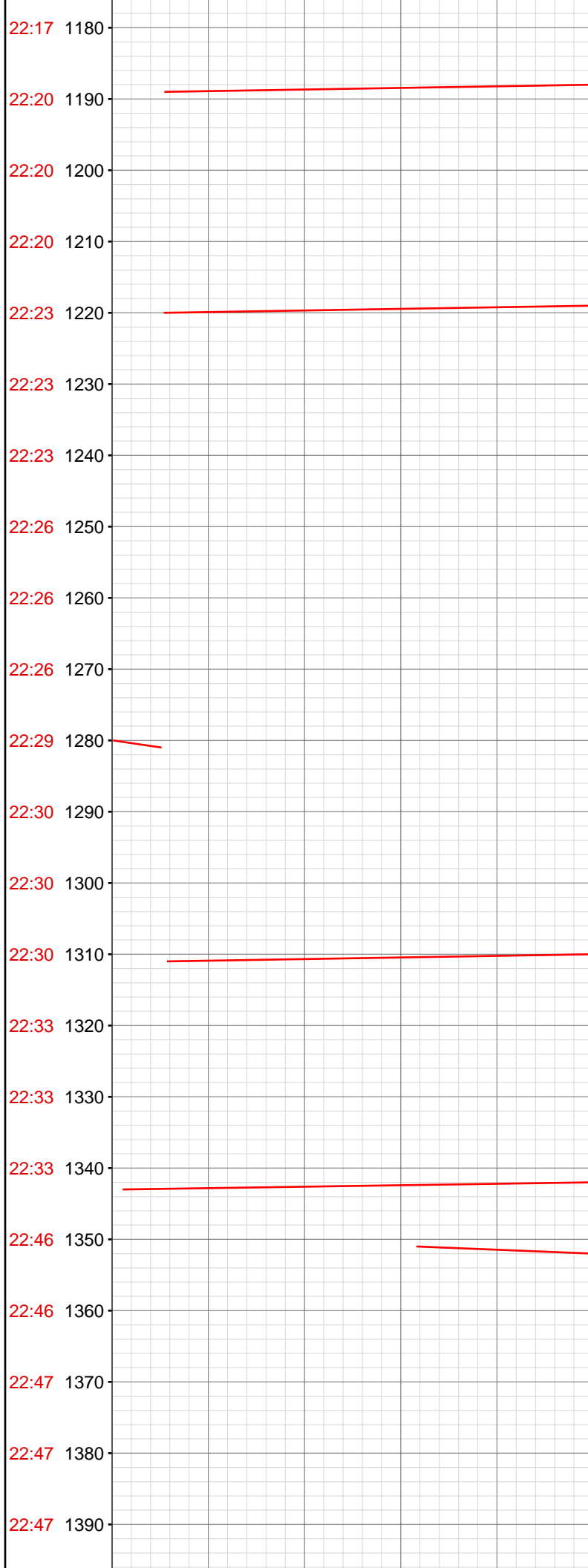


## MEMOS

0.00ft: MUD VIS 31.00  
0.00ft: MUD WEIGHT 8.70  
0.00ft: MUD VIS 40.00  
0.00ft: MUD WEIGHT 8.70  
0.00ft: MUD PH 9.60  
0.00ft: MUD VIS 36.00  
0.00ft: MUD WEIGHT 8.70  
0.00ft: MUD PH 9.40  
0.00ft: TRANSFERRED 100.00  
0.00ft: INSTALL WEAR BUSHING  
0.00ft: DRKMN 100% TIED OFF







22:47 1400

22:47 1410

22:47 1420

22:47 1430

Feb 23, 2013

00:12 1440

00:14 1450

00:15 1460

00:23 1470

00:25 1480

00:38 1490

00:40 1500

00:42 1510

00:45 1520

00:47 1530

00:49 1540

00:51 1550

00:53 1560

00:56 1570

01:08 1580

01:10 1590

01:12 1600

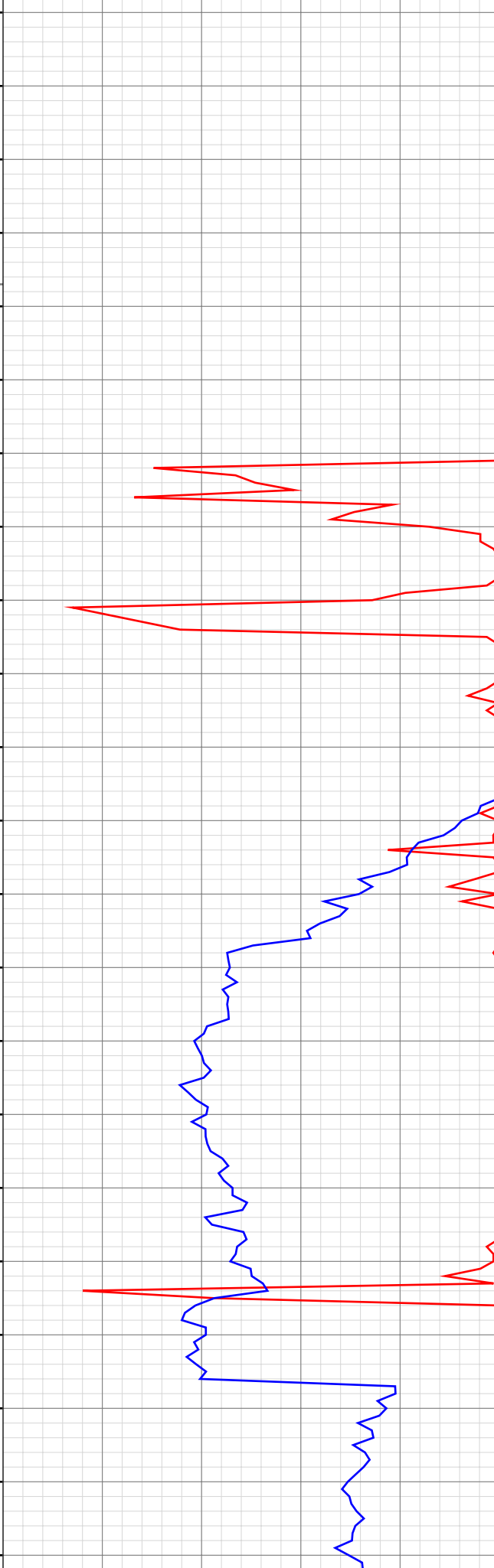
01:13 1610

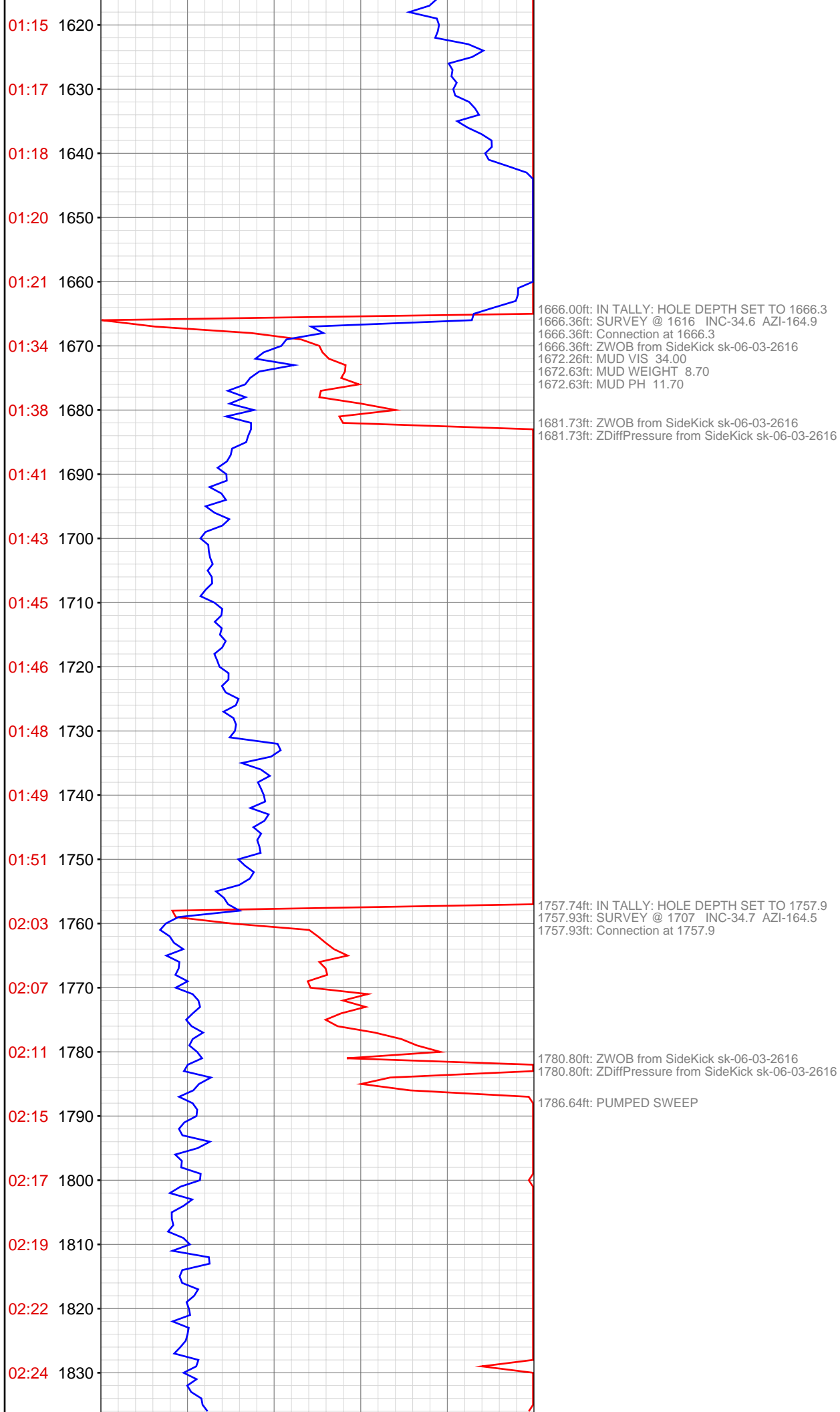
1436.52ft: INSTALL ROT RUBBER  
1436.52ft: BIT DEPTH CHANGED TO 1114.0 FEET  
1436.52ft: PVT:Flow alarm reactivated: un-muted  
1436.52ft: PVT:Flow alarm muted  
1436.52ft: ZWOB from SideKick sk-06-03-2616  
1436.52ft: ZDiffPressure from SideKick sk-06-03-2616  
1436.52ft: ZWOB from SideKick sk-06-03-2616  
1436.52ft: ZWOB from SideKick sk-06-03-2616  
1436.52ft: ZDiffPressure from SideKick sk-06-03-2616  
1436.52ft: ZDiffPressure from SideKick sk-06-03-2616  
1436.52ft: PVT:Volume alarm reactivated: un-muted  
1436.52ft: ZWOB from SideKick sk-06-03-2616  
1436.52ft: ZDiffPressure from SideKick sk-06-03-2616  
1440.00ft: MUD VIS 35.00  
1440.30ft: MUD WEIGHT 8.70  
1441.27ft: MUD PH 10.10

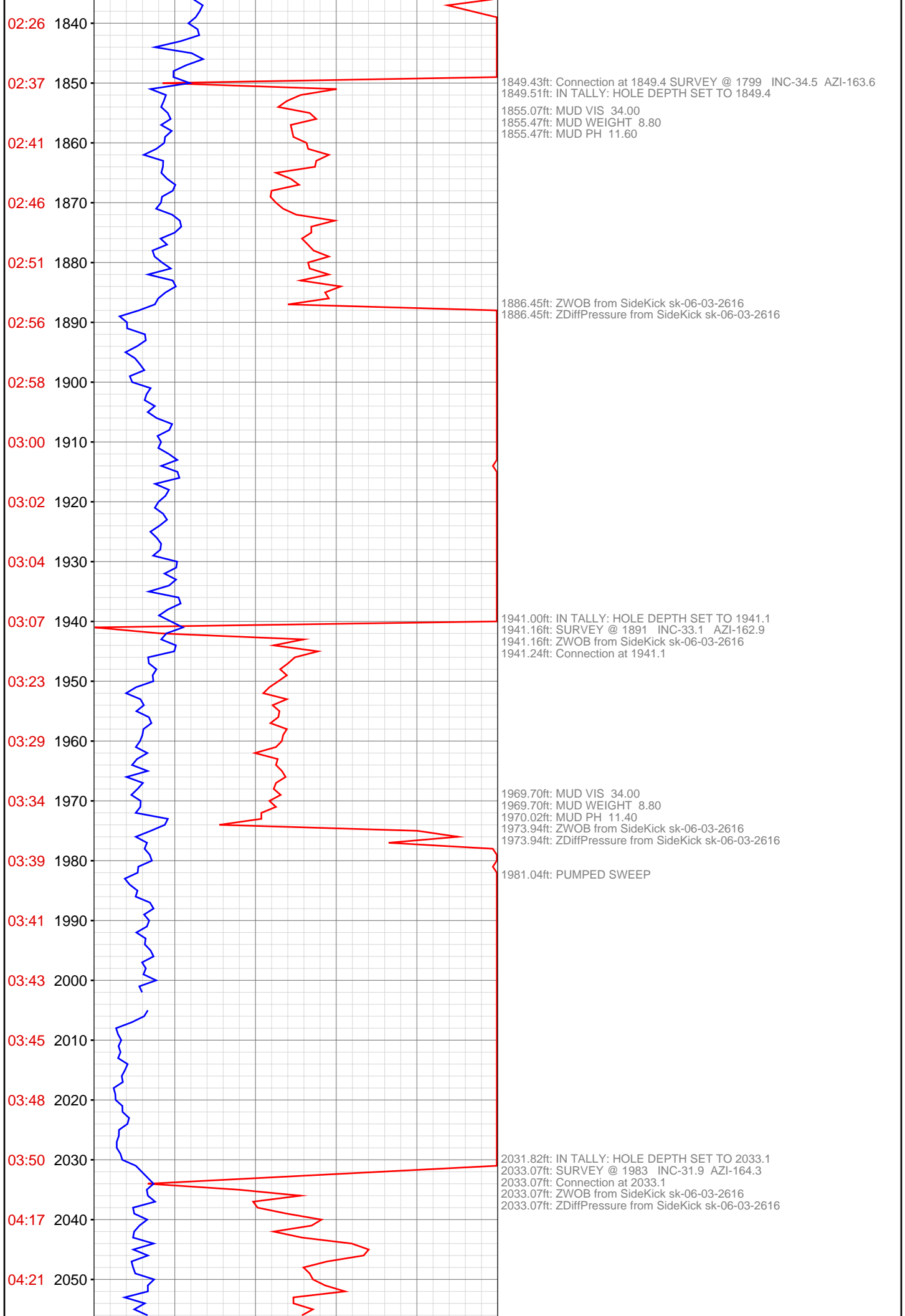
1461.03ft: ZWOB from SideKick sk-06-03-2616  
1461.03ft: ZDiffPressure from SideKick sk-06-03-2616  
1465.24ft: ZWOB from SideKick sk-06-03-2616  
1465.24ft: ZDiffPressure from SideKick sk-06-03-2616

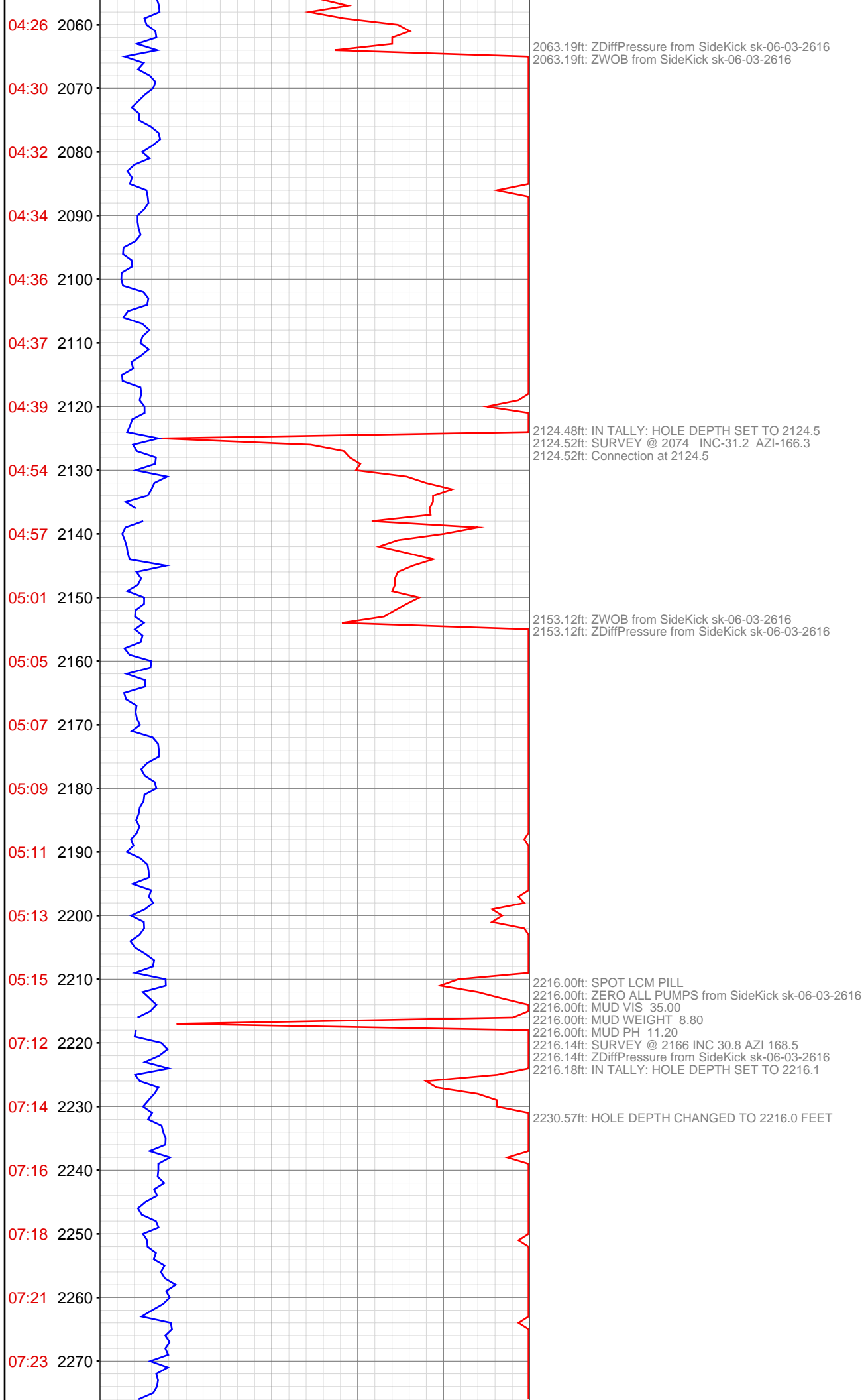
1481.84ft: IN TALLY: HOLE DEPTH SET TO 1483.4  
1483.36ft: Connection at 1483.4  
1483.36ft: ZWOB from SideKick sk-06-03-2616  
1483.36ft: ZDiffPressure from SideKick sk-06-03-2616

1574.46ft: Connection at 1574.8  
1574.46ft: ZDiffPressure from SideKick sk-06-03-2616

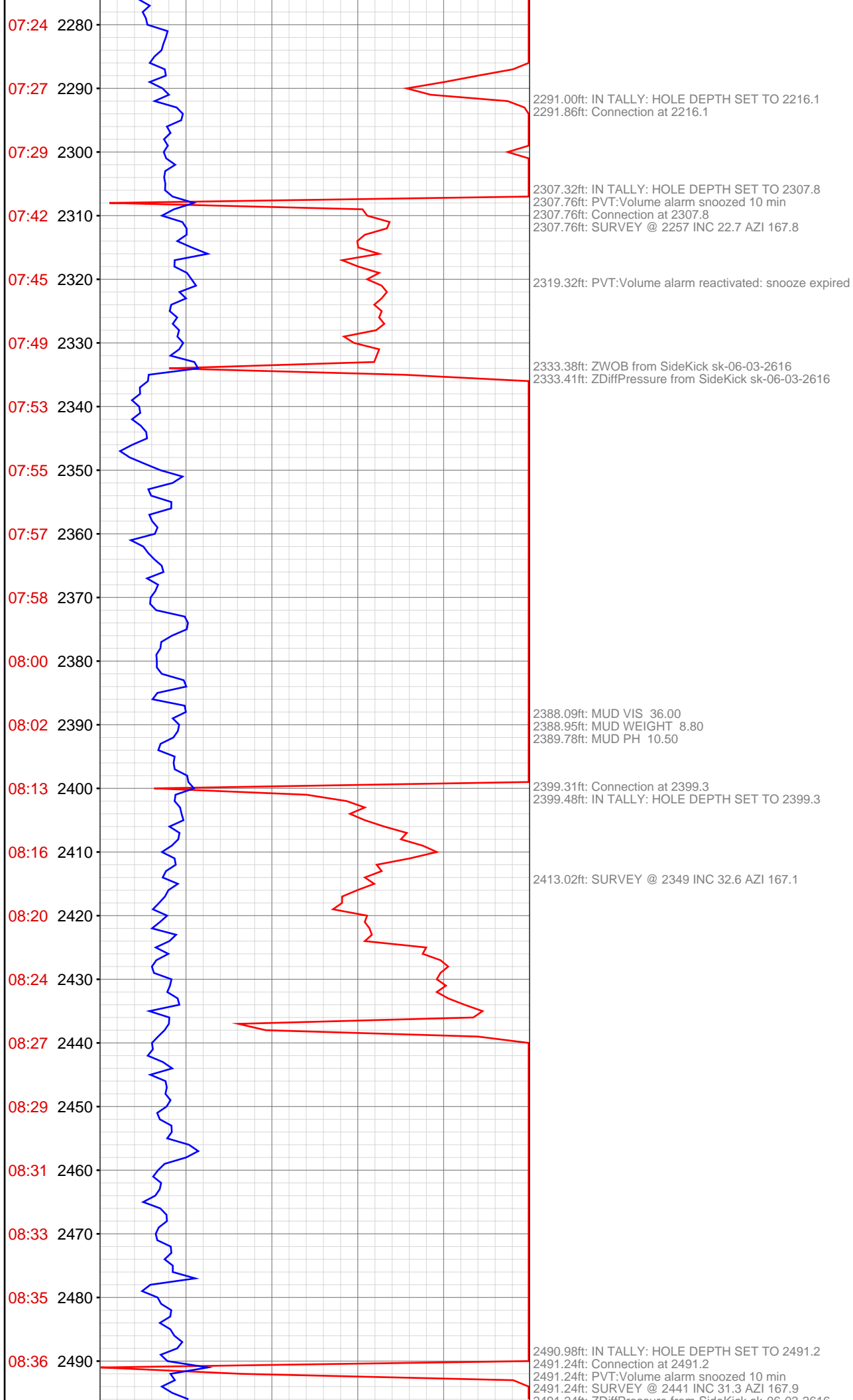


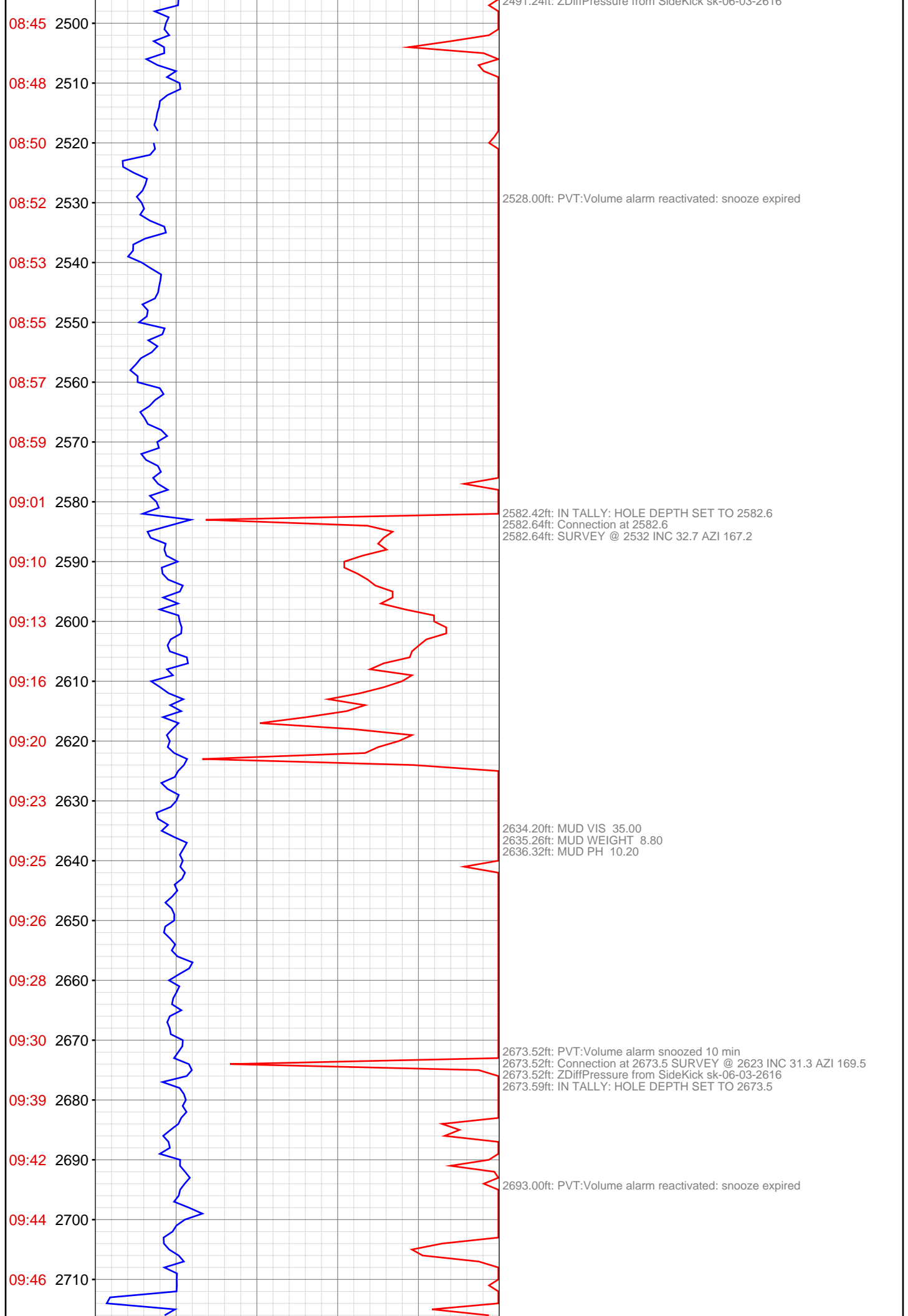


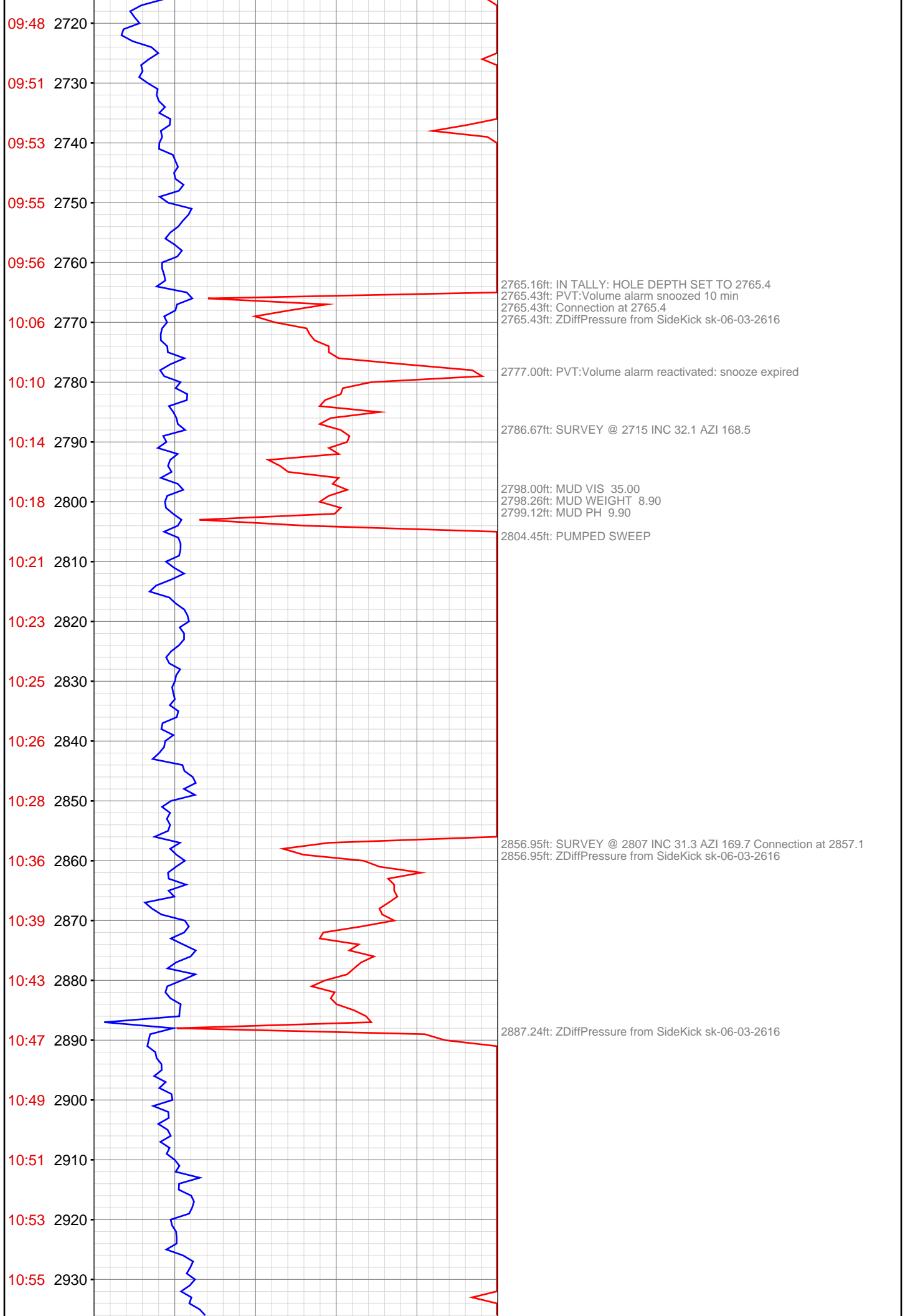


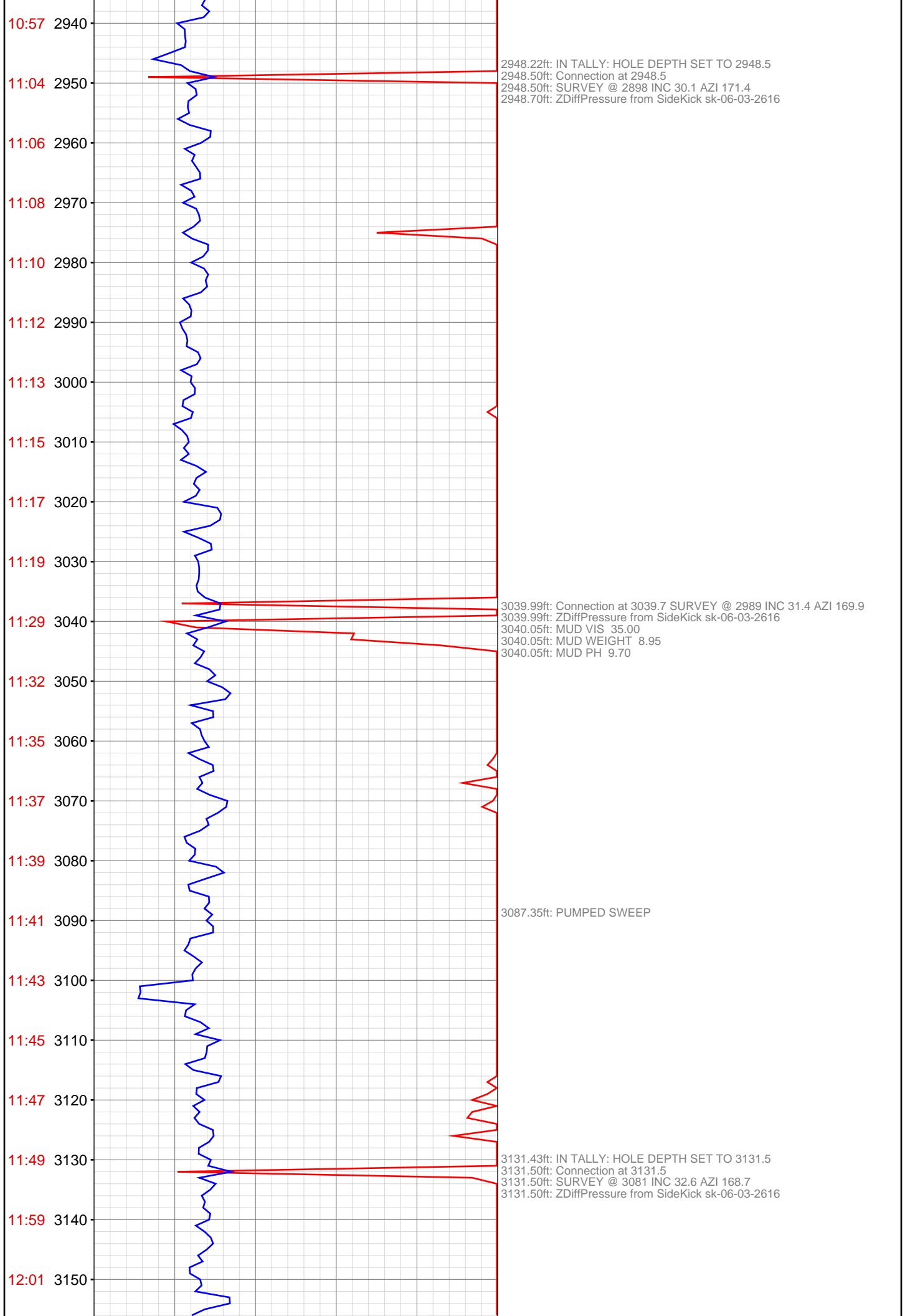


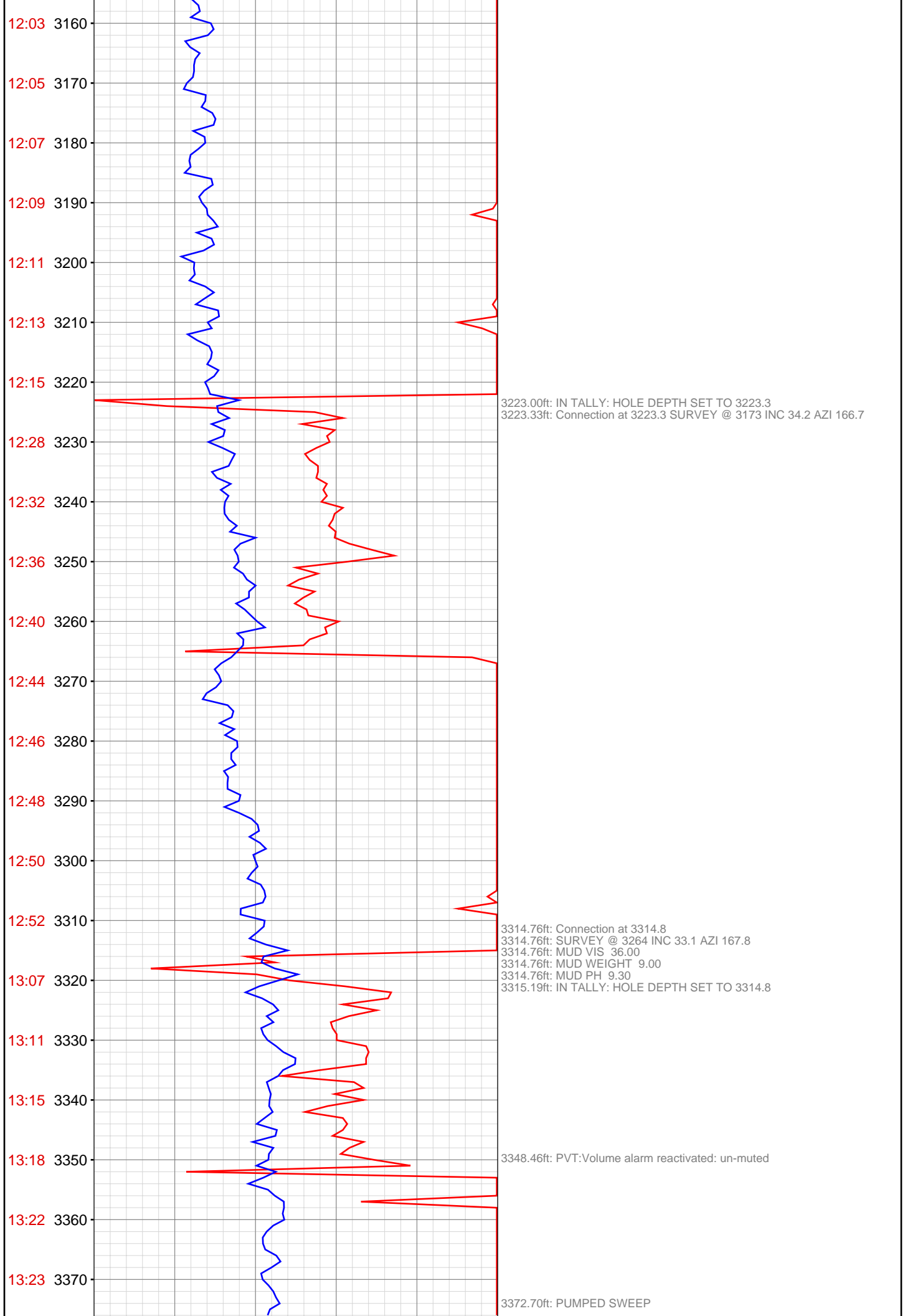


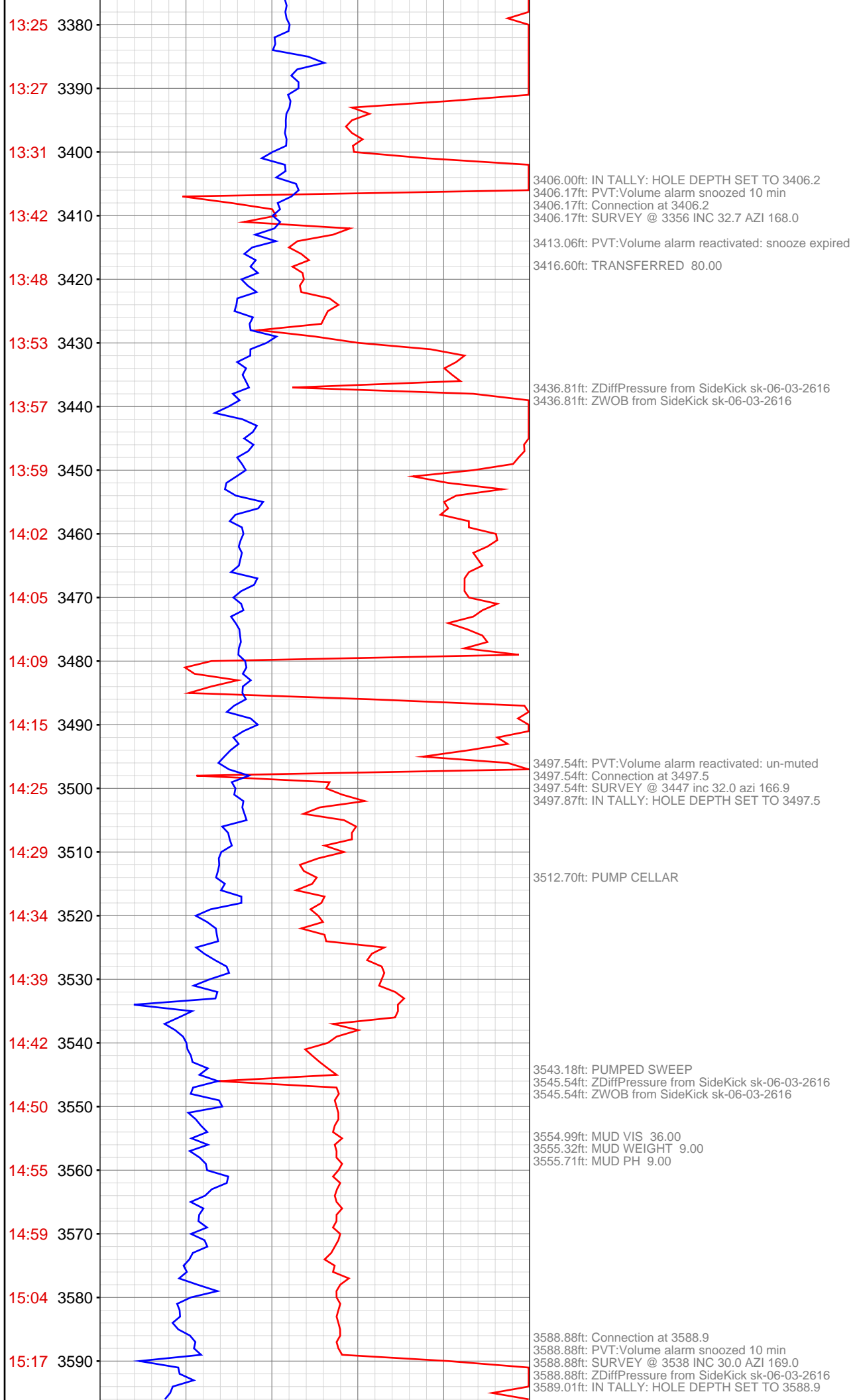


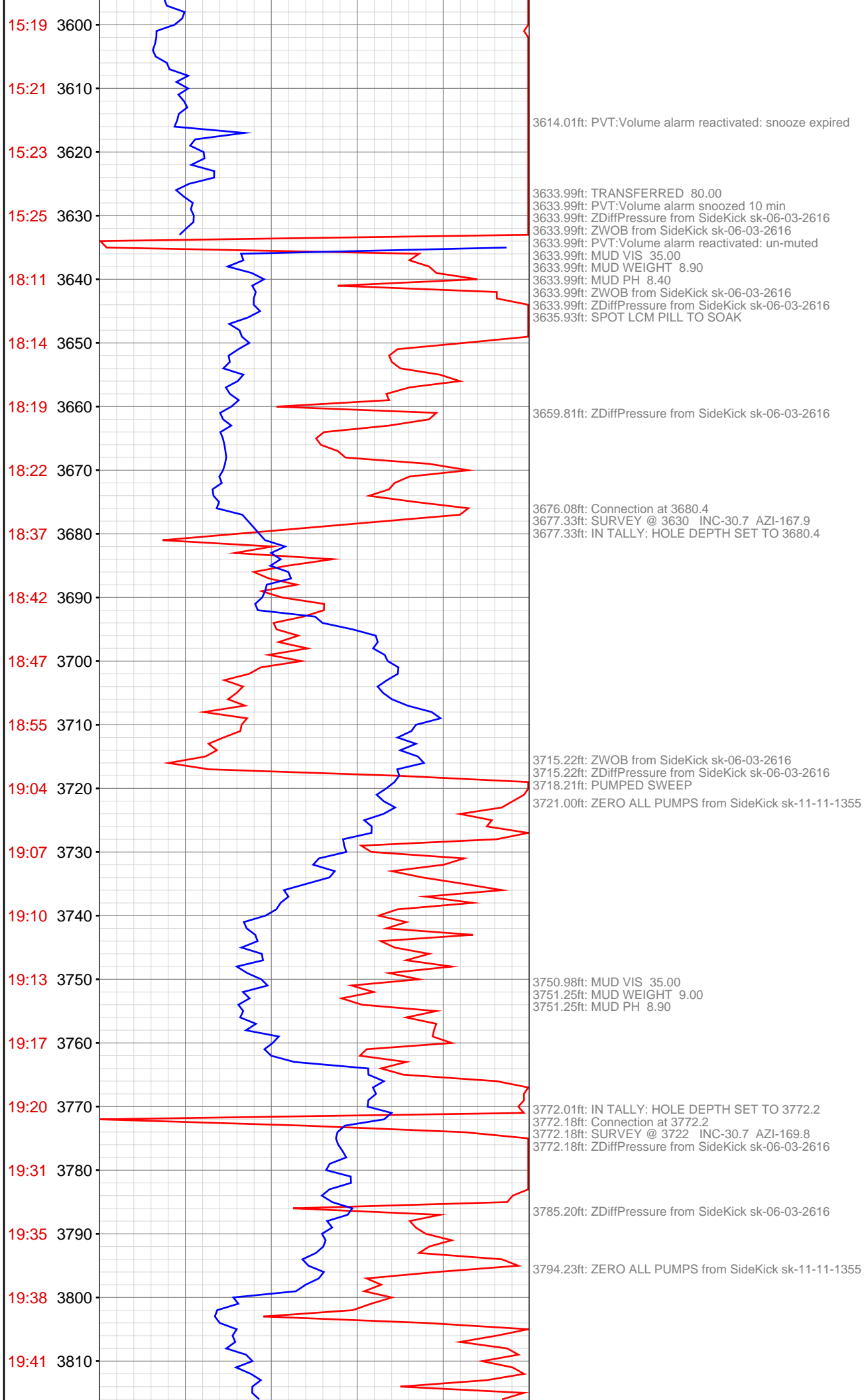


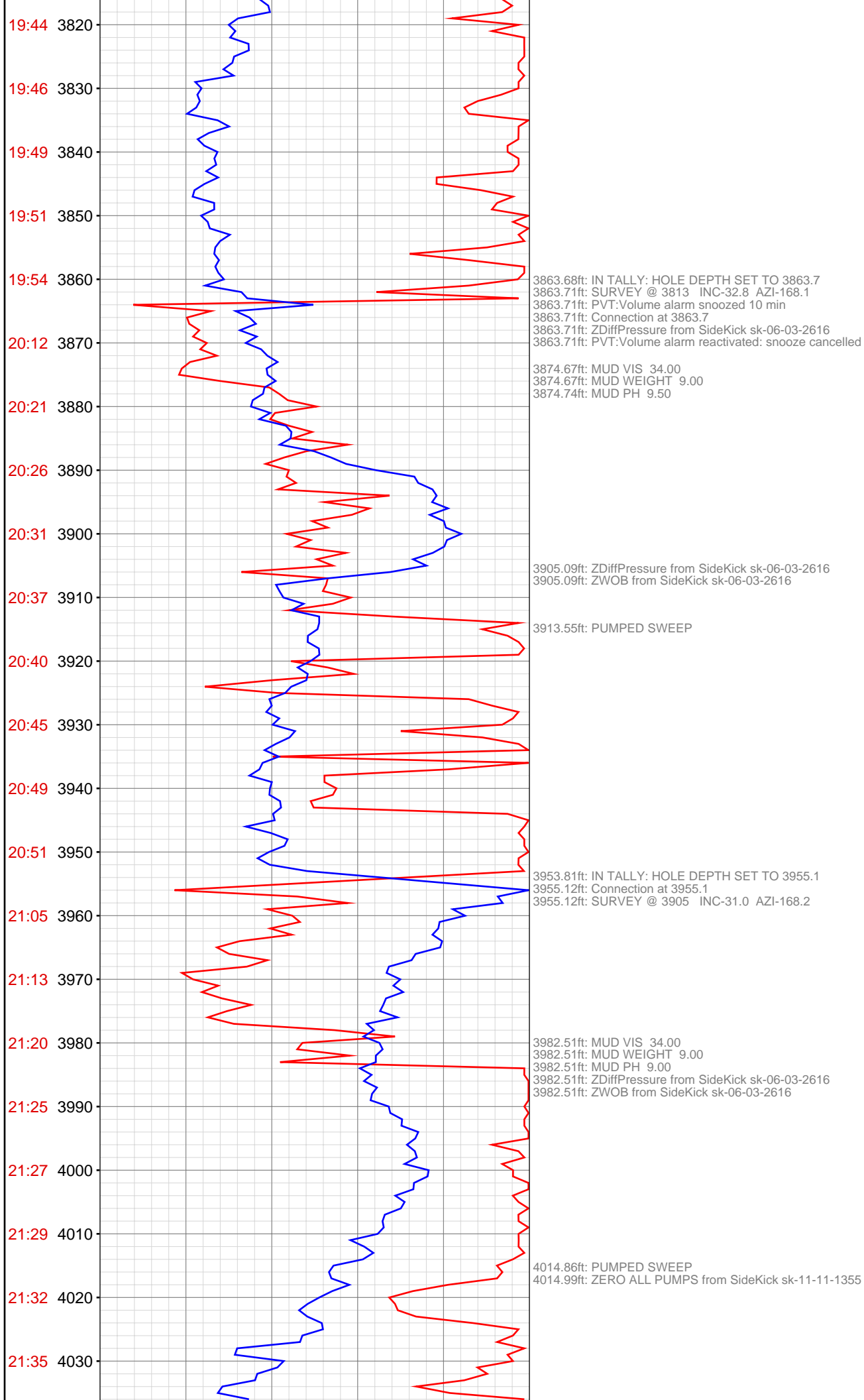




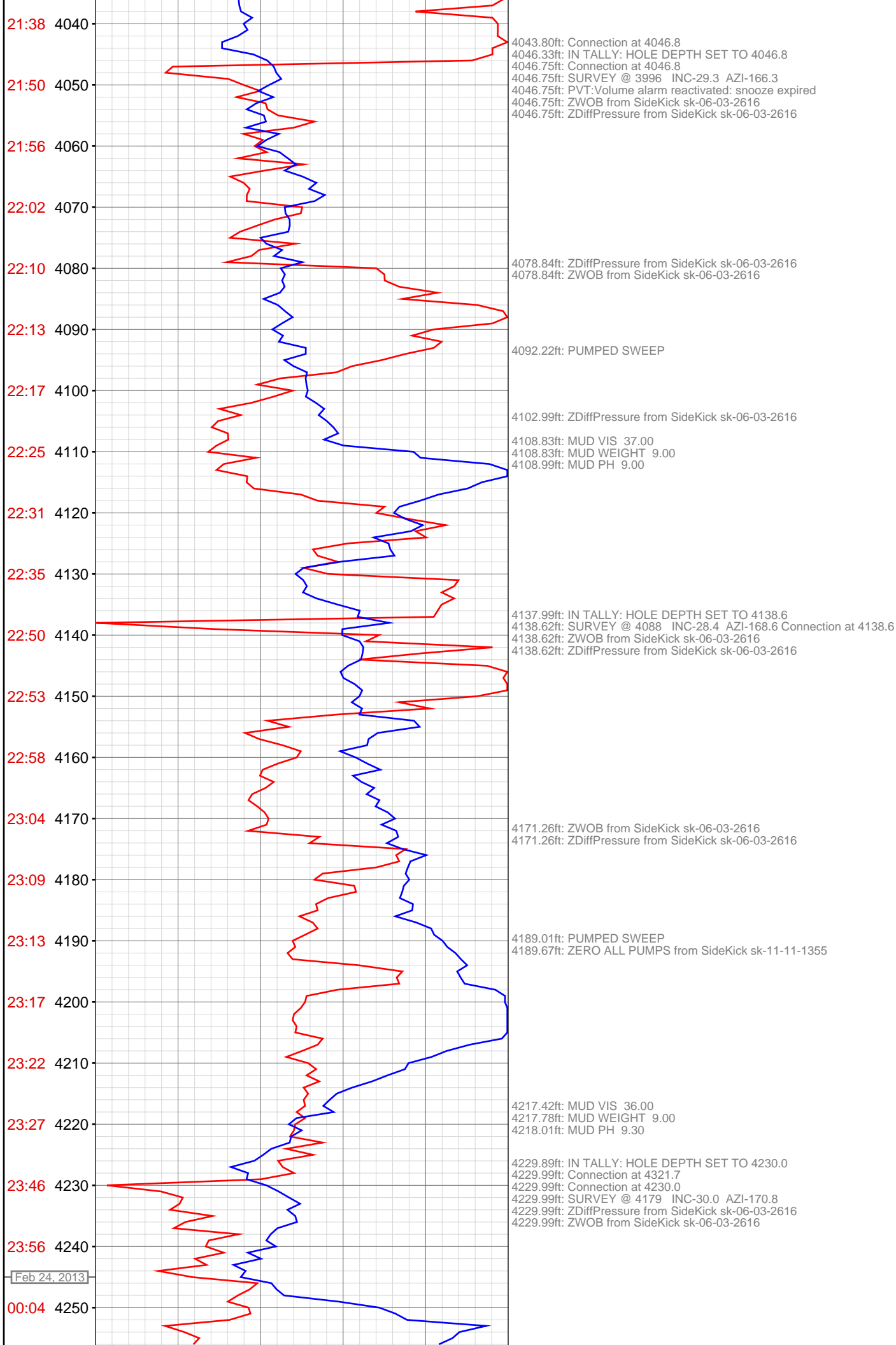


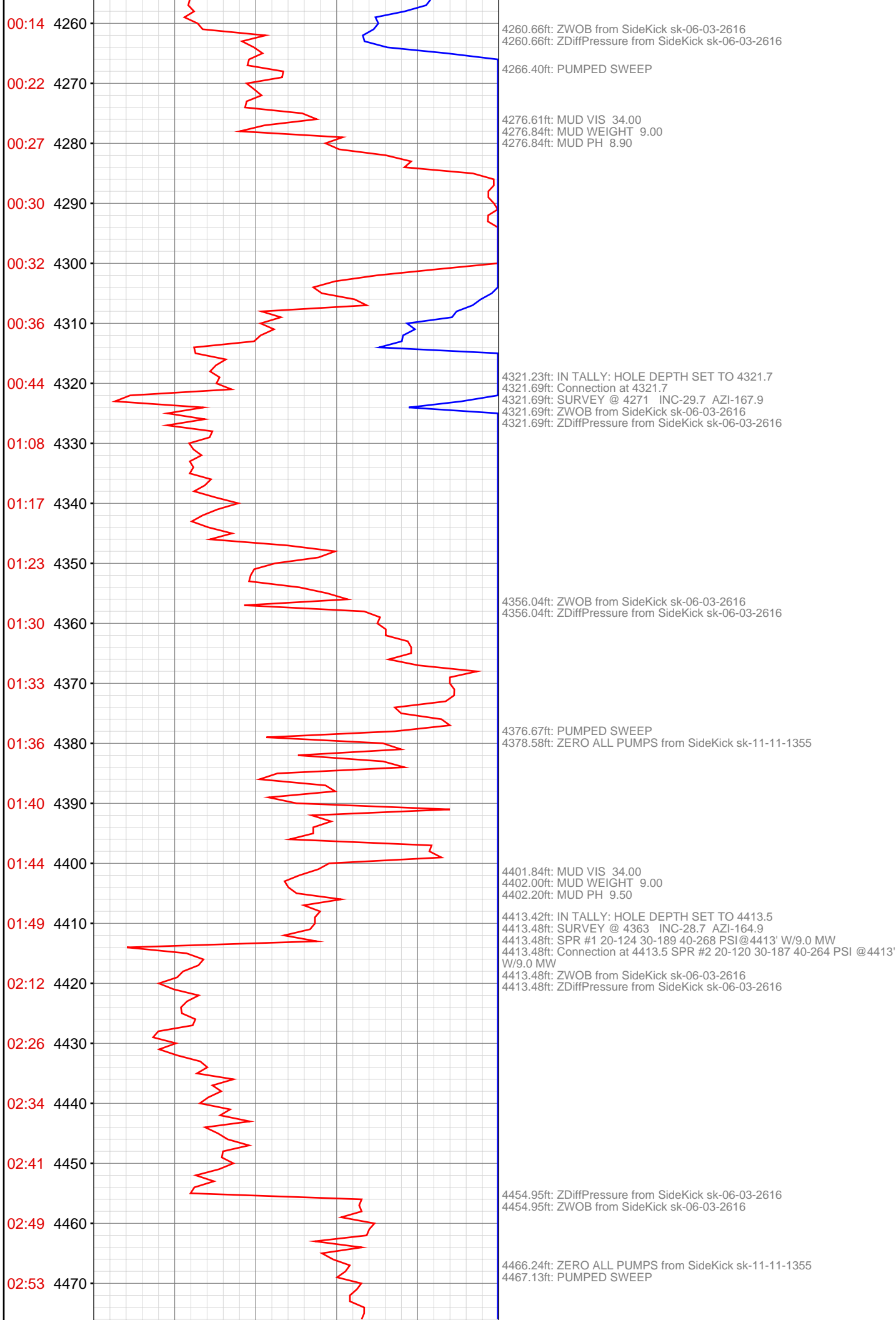


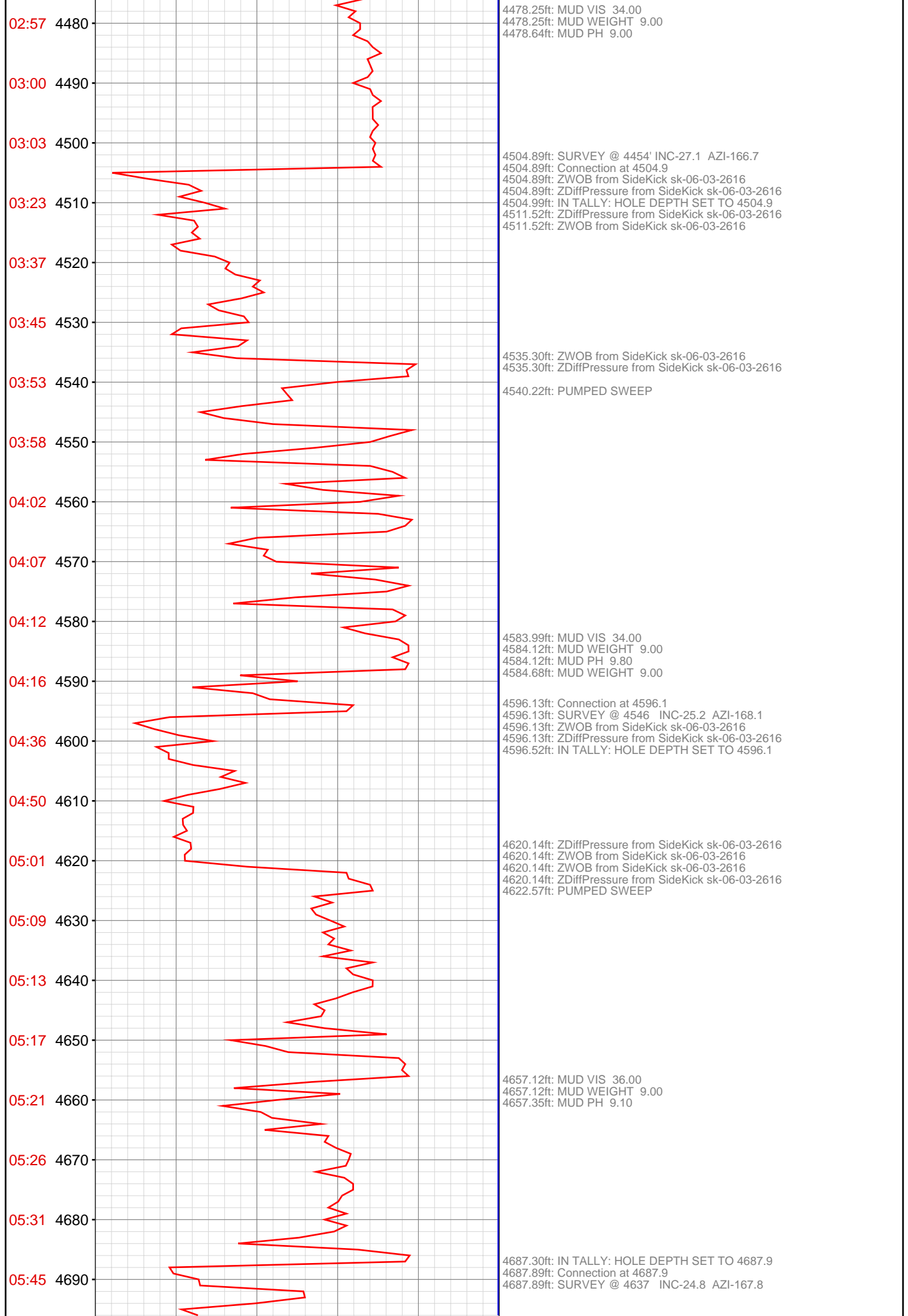


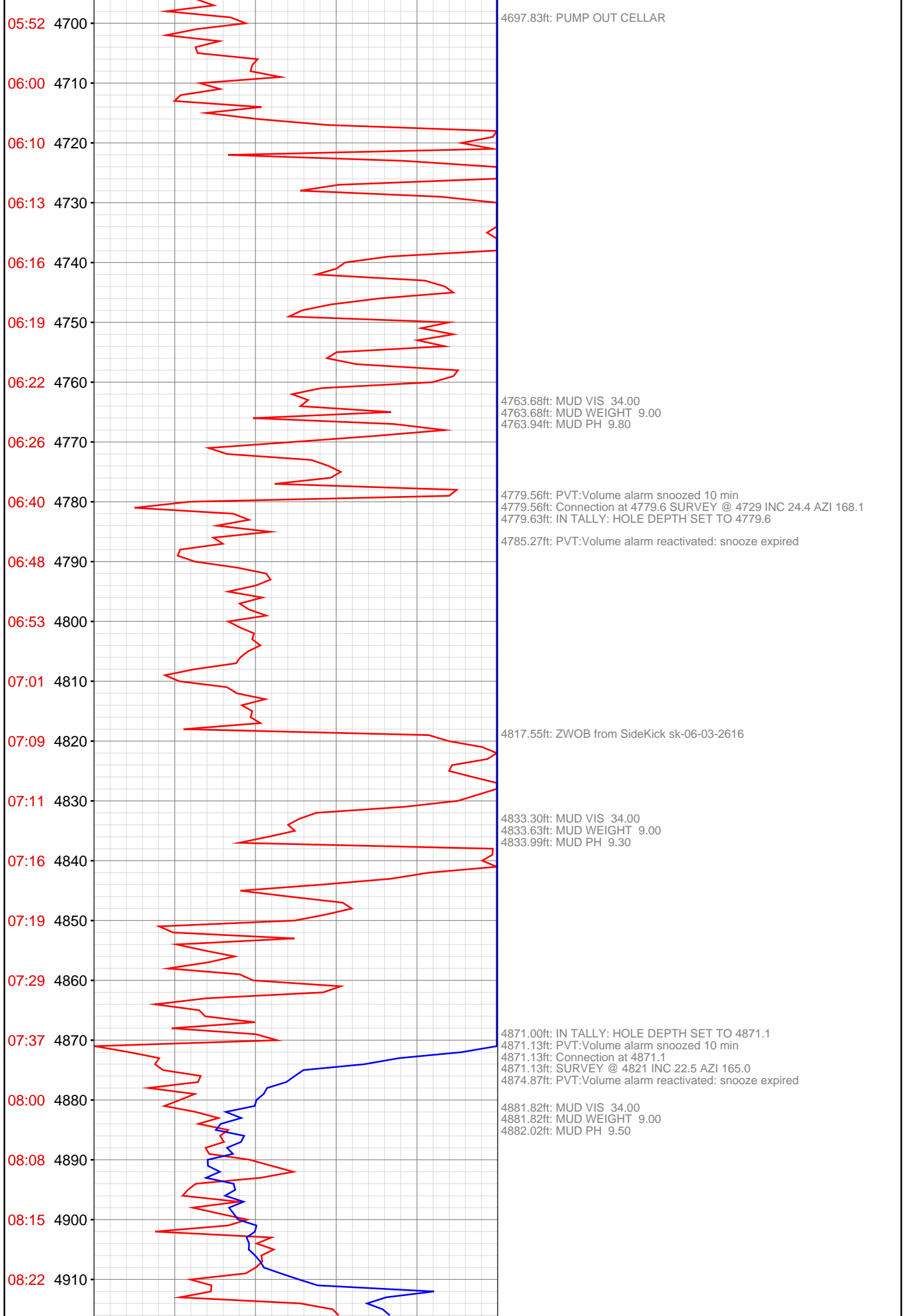


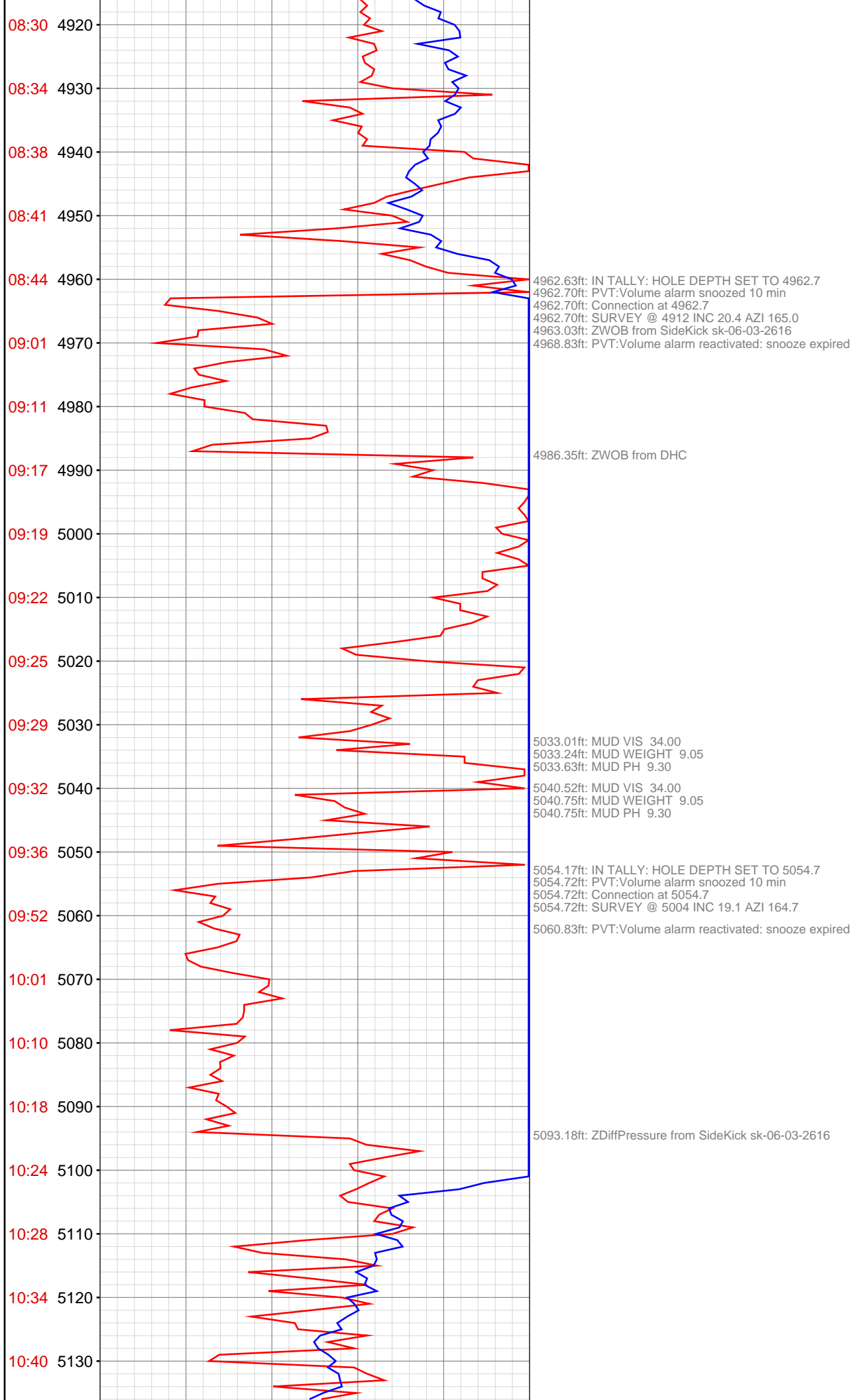


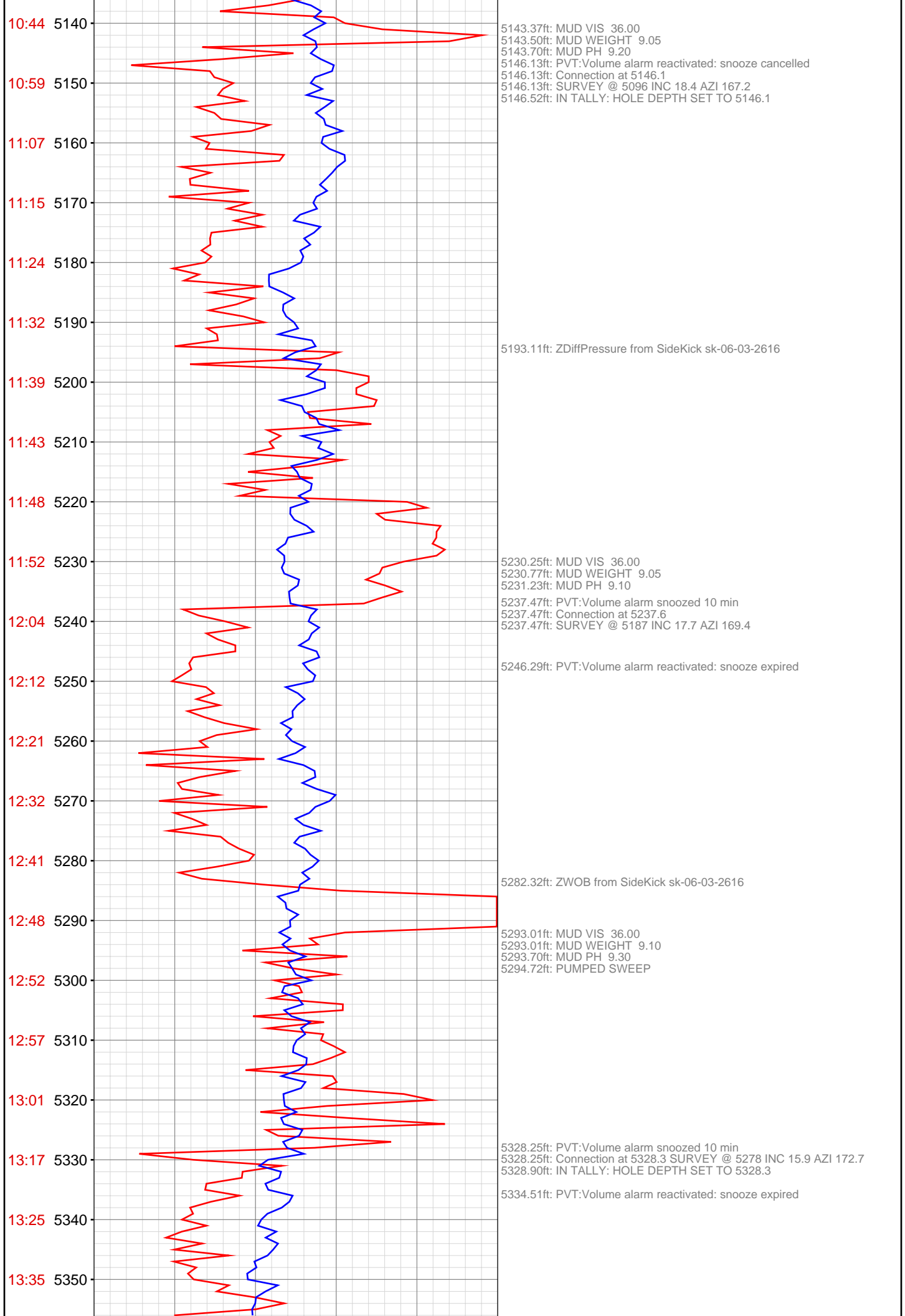


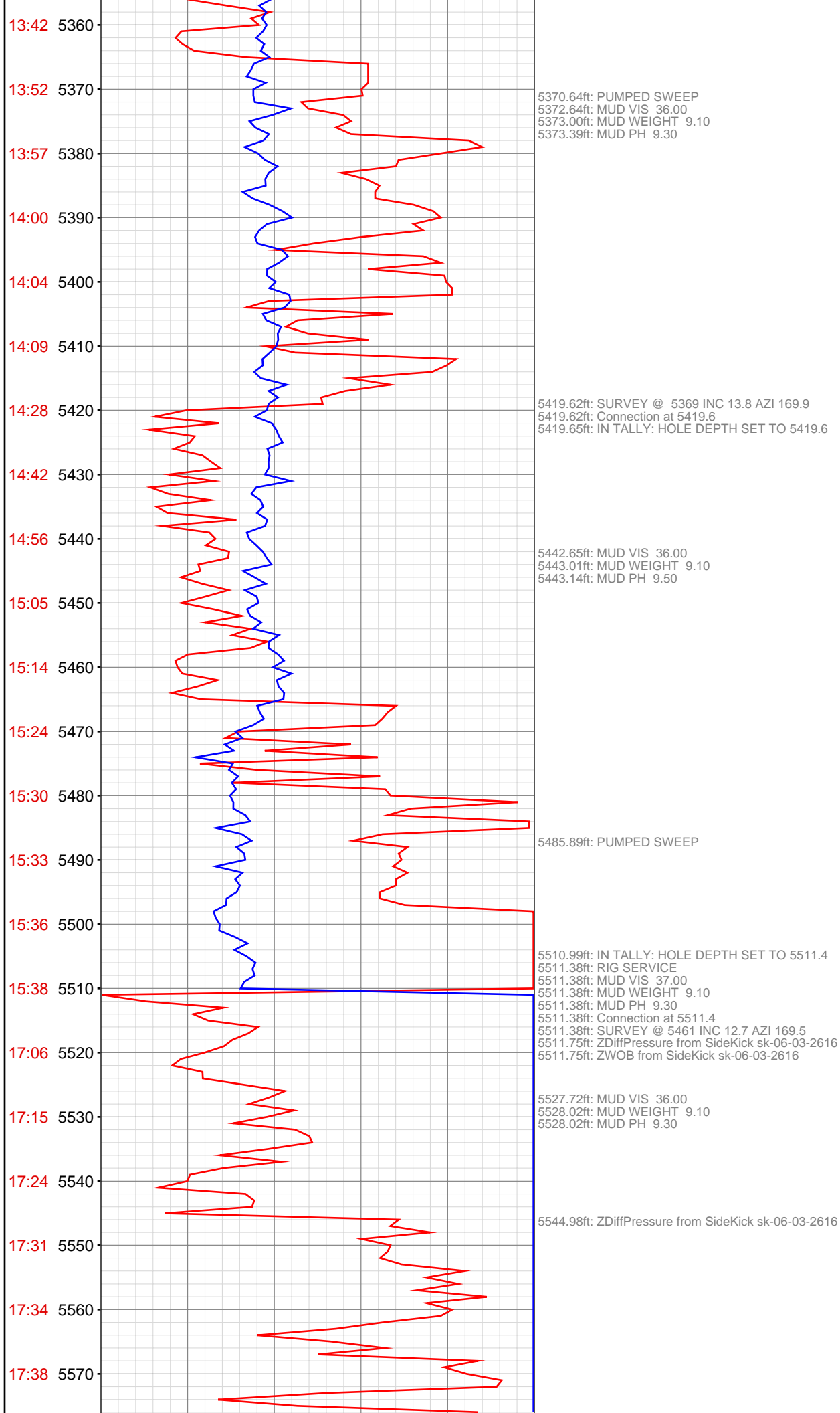


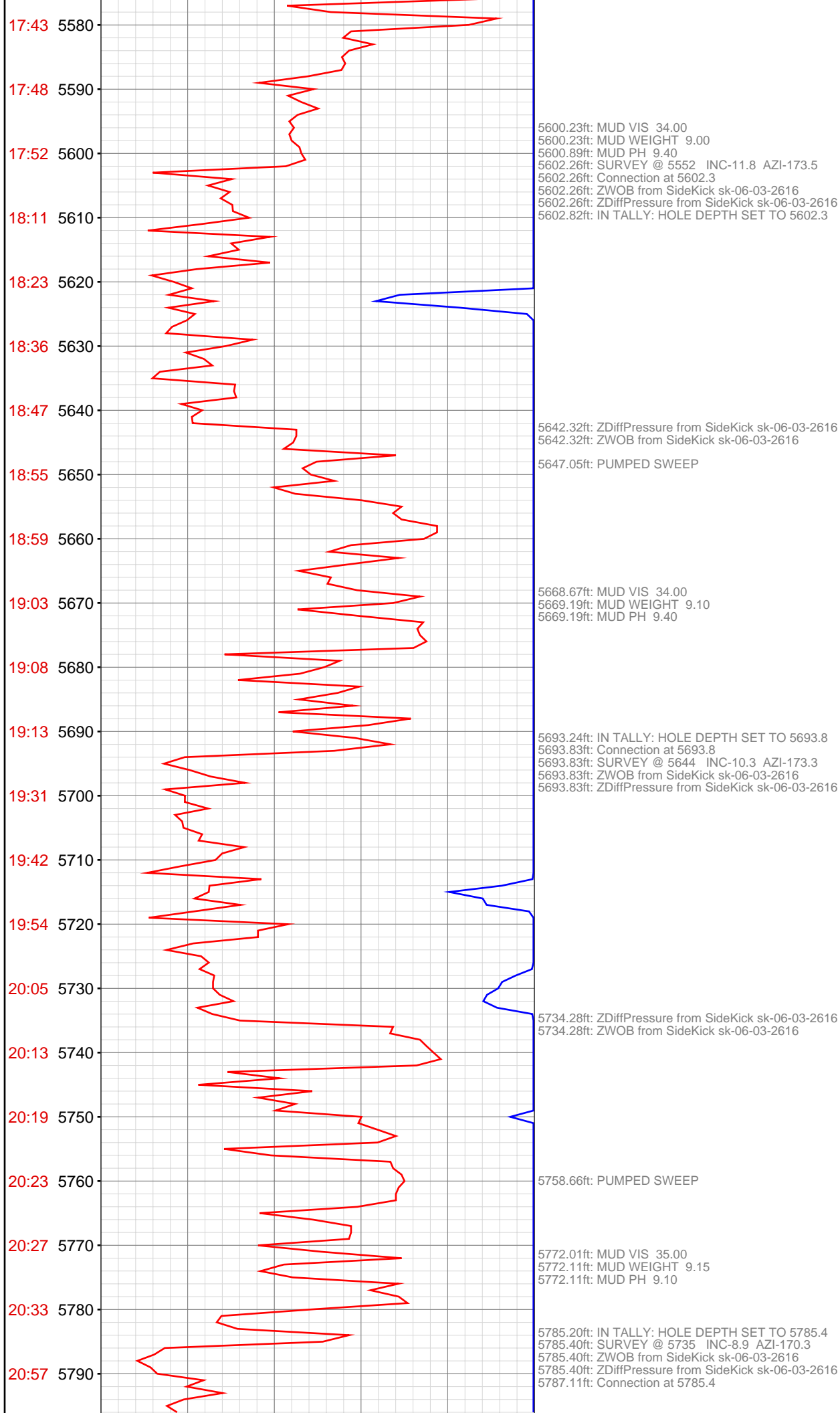




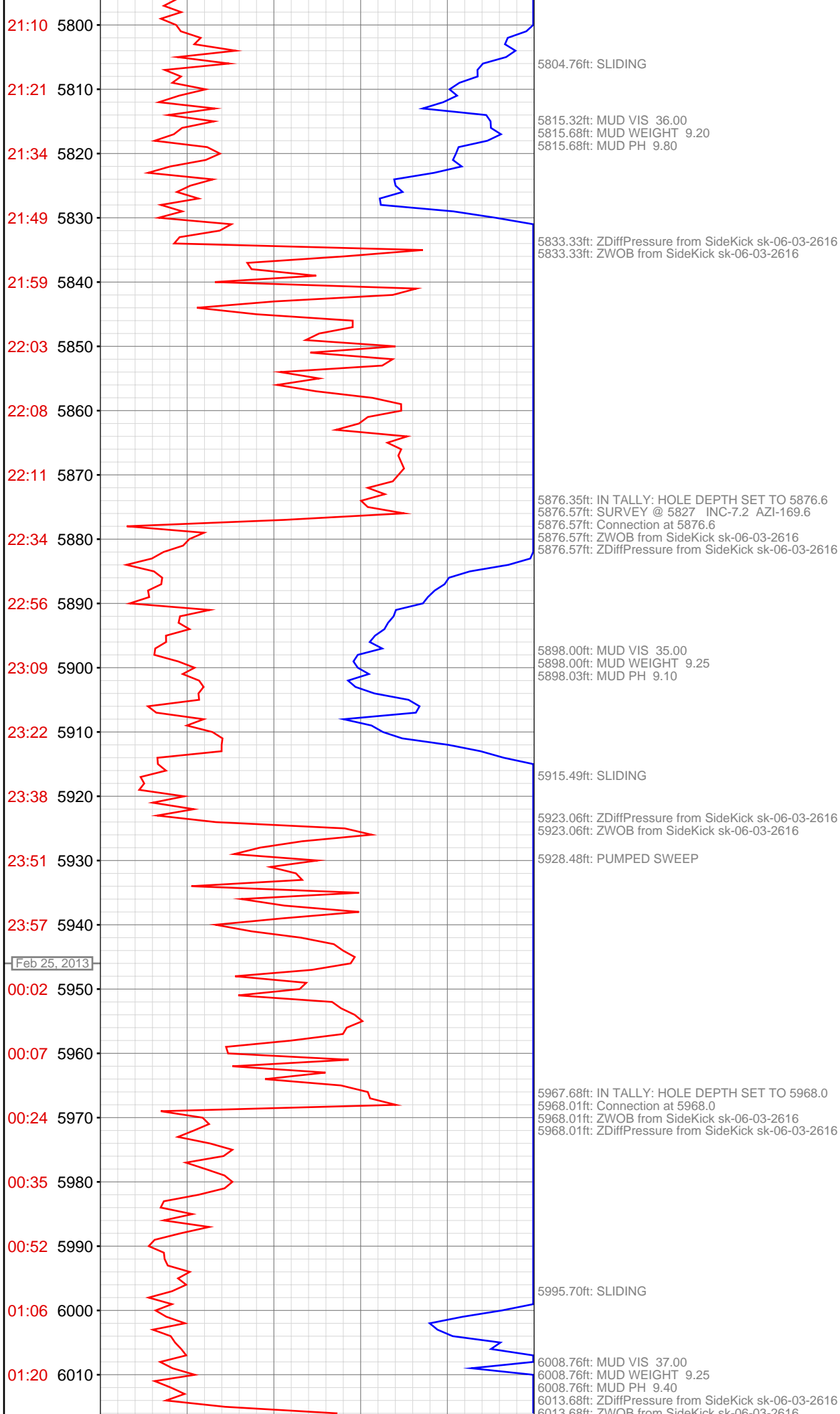






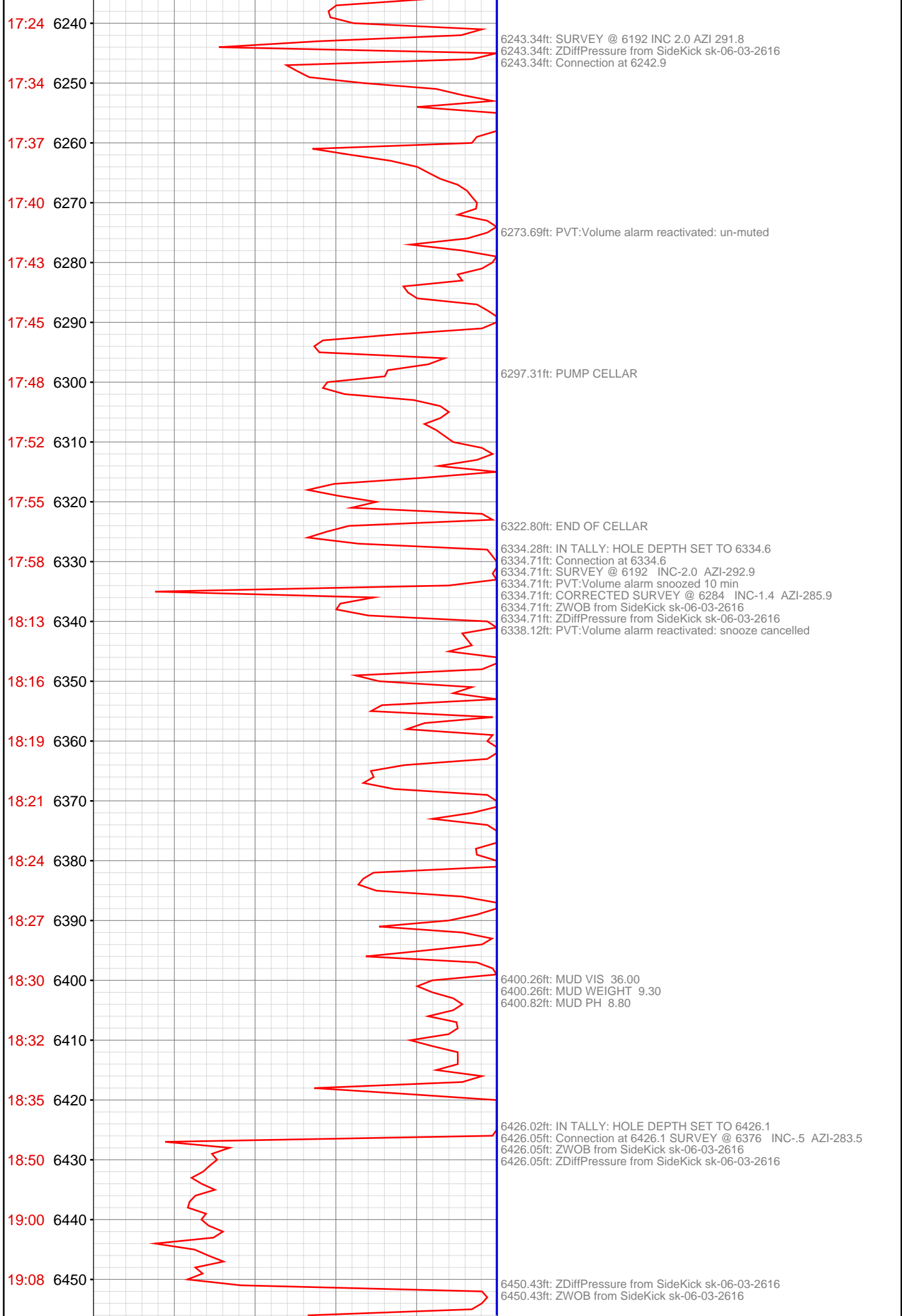


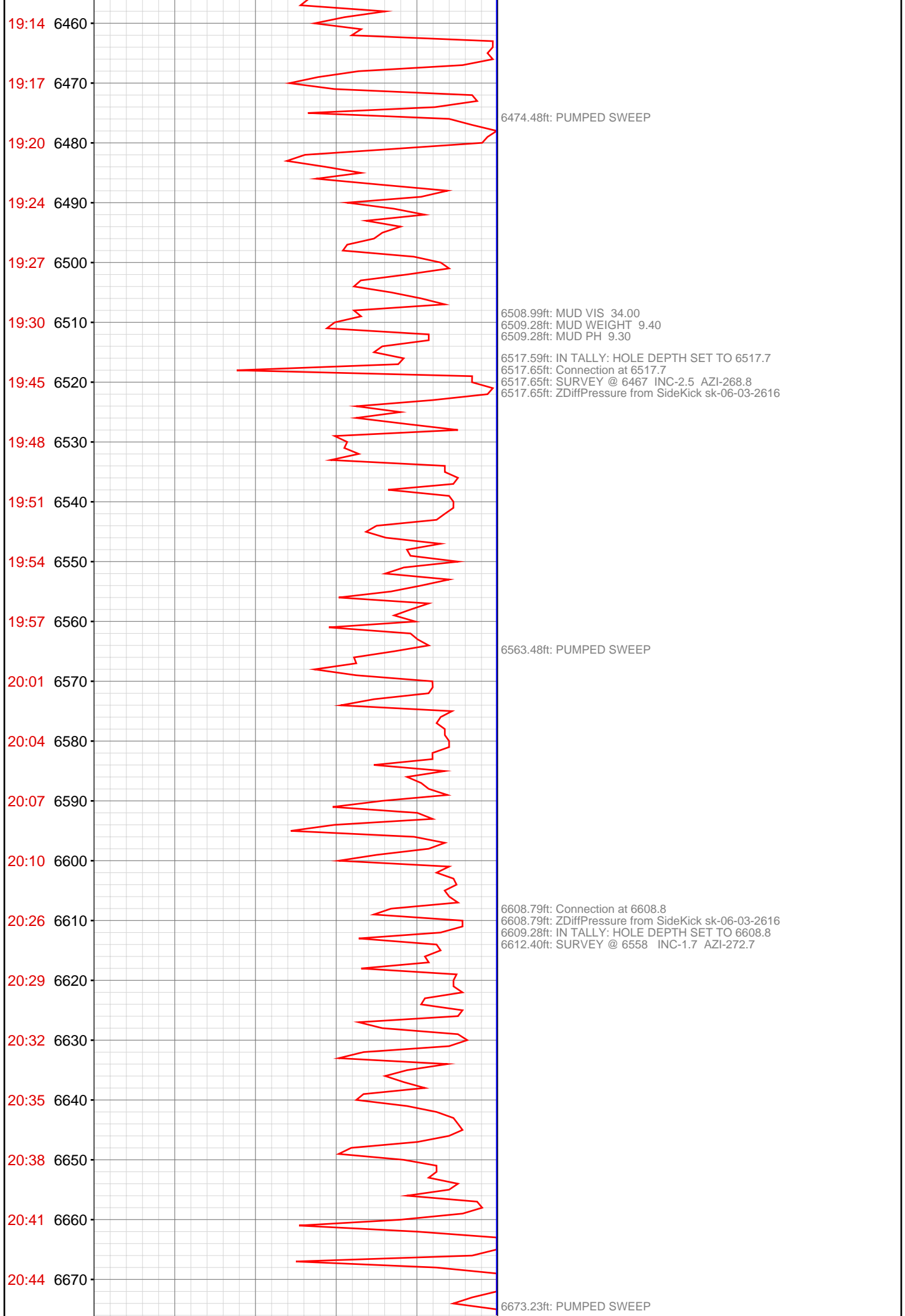


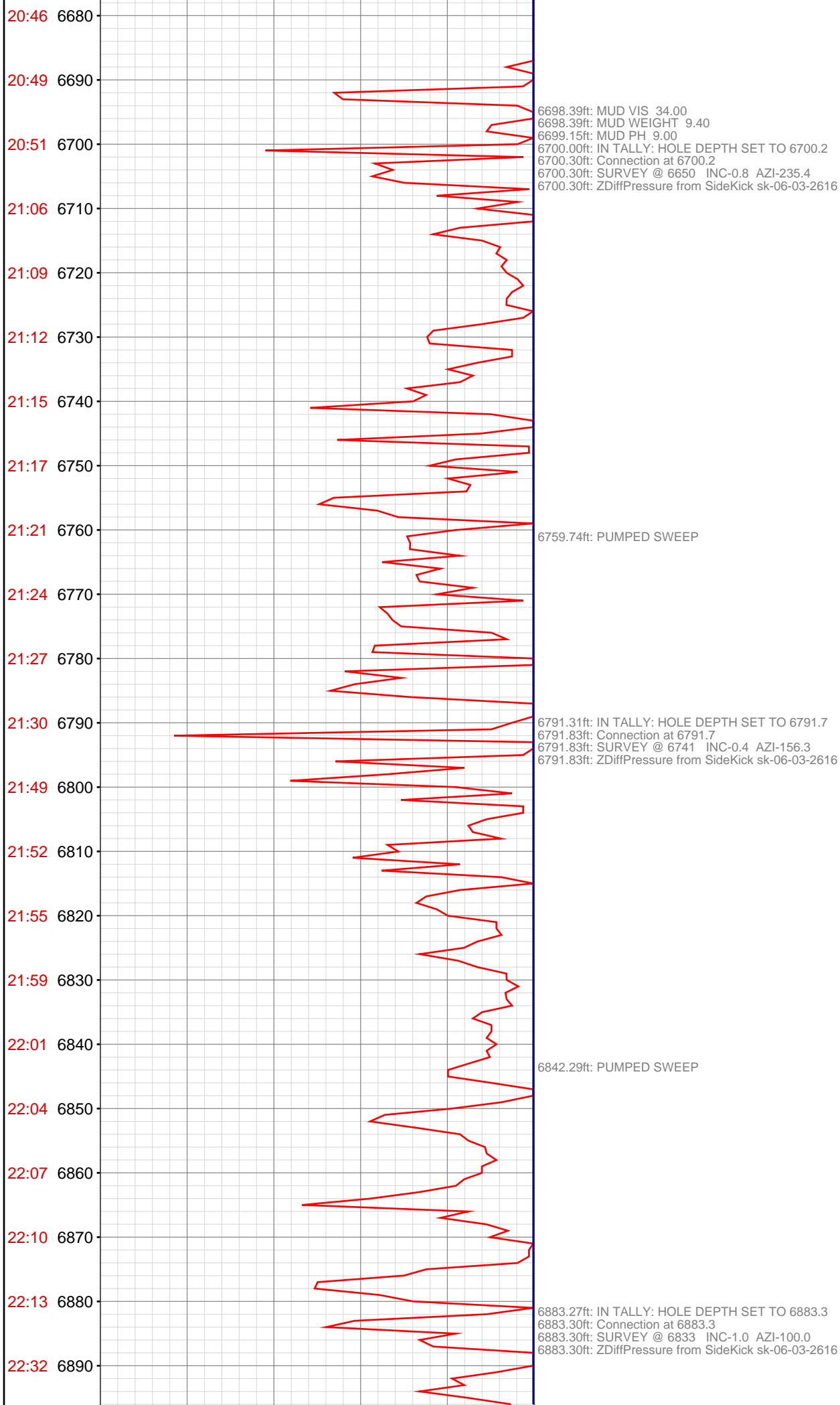


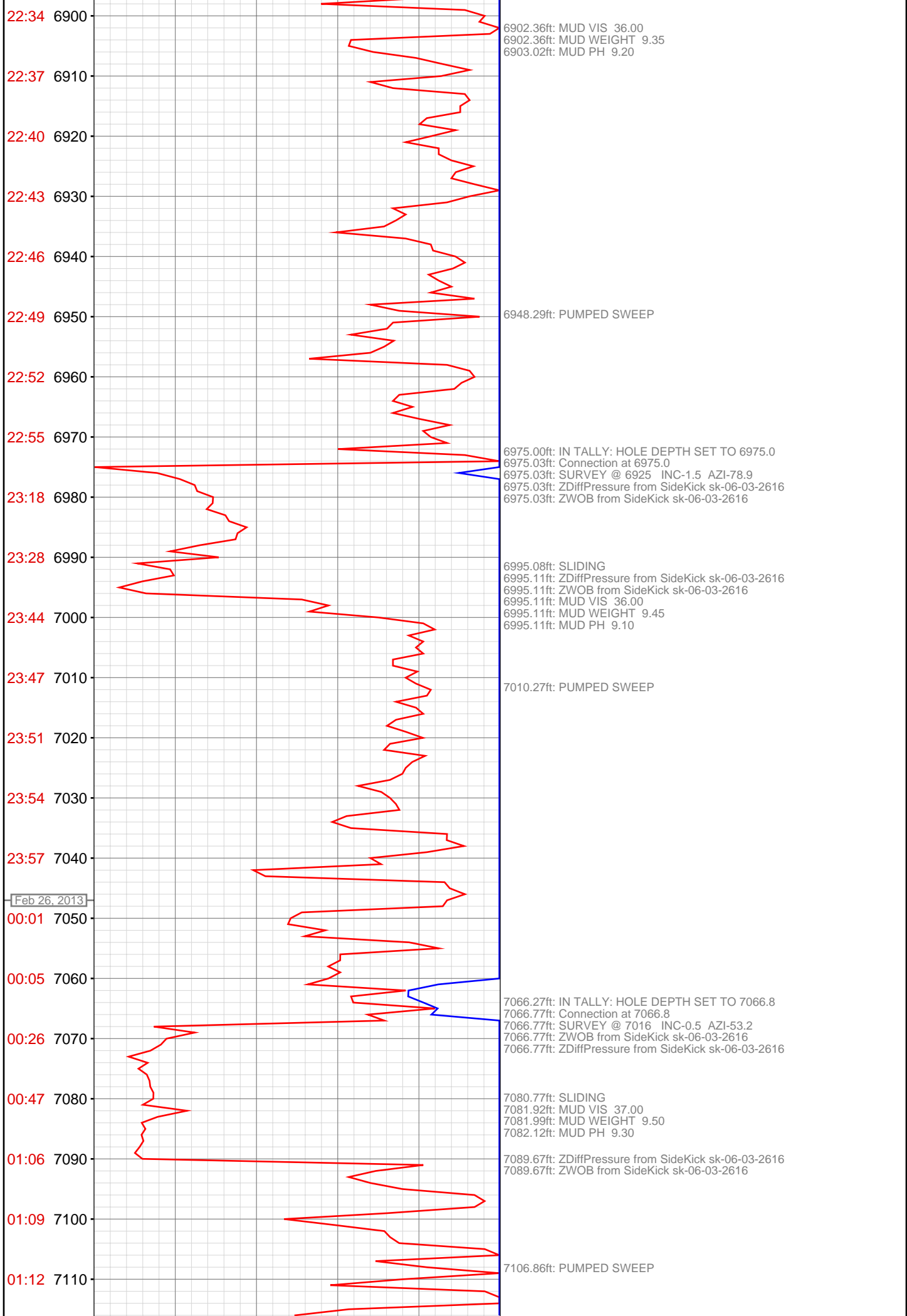
6073.50ft: ZWOB from SideKick sk-06-03-2616

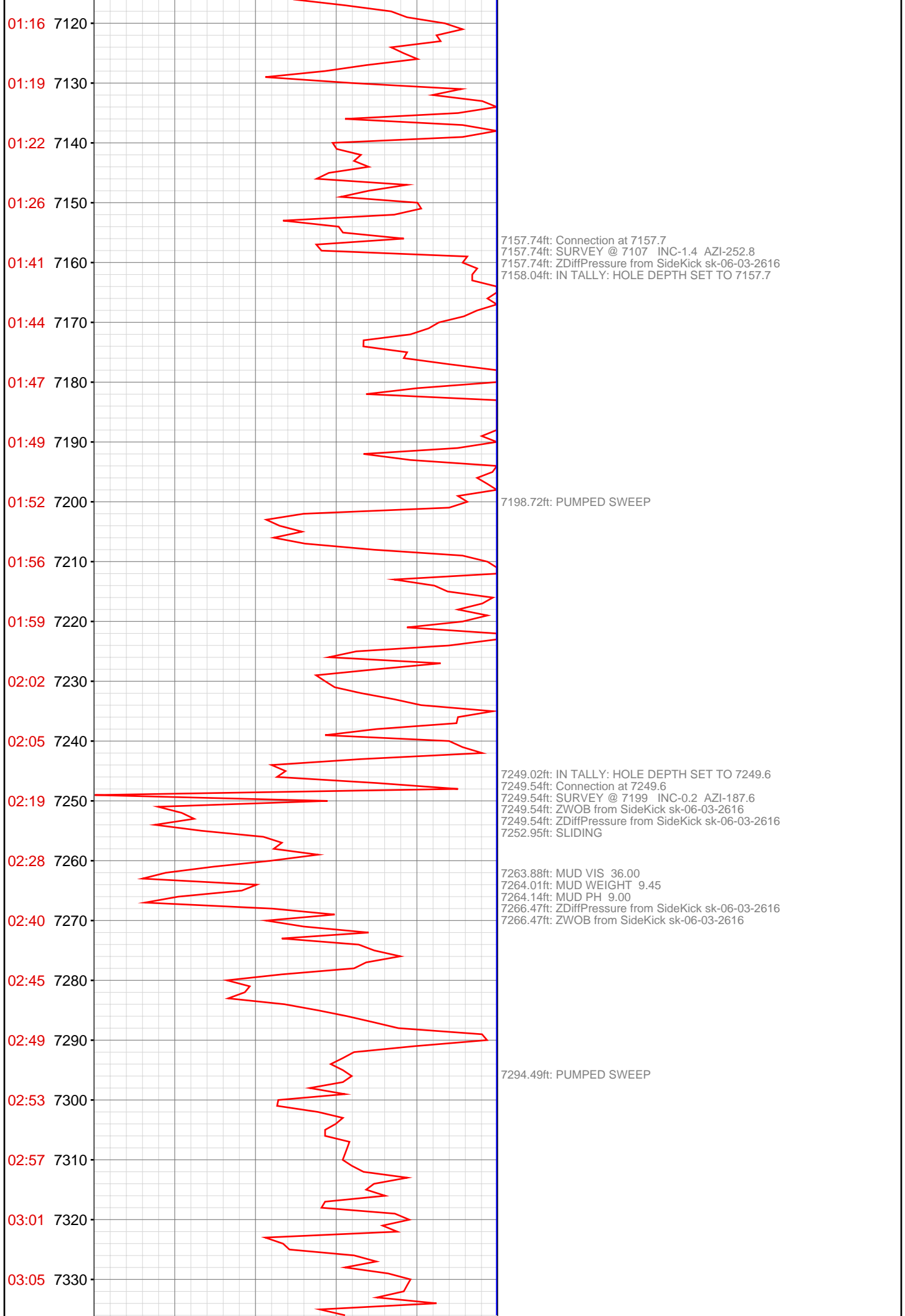
6054.33ft: PUMPED SWEEP  
6059.55ft: IN TALLY: HOLE DEPTH SET TO 6059.7  
6059.74ft: SURVEY @ 6010 INC-2.9 AZI-164.6  
6059.74ft: TRANSFERRED 40.00  
6059.74ft: PVT:Volume alarm muted  
6059.74ft: ZWOB from DHC  
6059.74ft: MUD VIS 36.00  
6059.74ft: MUD WEIGHT 9.30  
6059.74ft: MUD PH 9.50  
6059.74ft: PUMPING DRY JOB  
6059.74ft: FLOW CHECK  
6059.74ft: NO FLOW  
6059.74ft: ZERO ALL PUMPS from SideKick sk-06-03-2616  
6059.74ft: FILL TRIP TANK W/ FLOW LINE  
6059.74ft: BLOW D/TOP DRIVE  
6059.74ft: DRKMN 100% TIED OFF  
6059.74ft: TRIP TANK ON  
6059.74ft: ZERO ALL PUMPS from SideKick sk-06-03-2616  
6059.74ft: ZERO ALL PUMPS from SideKick sk-06-03-2616  
6059.74ft: DRKMN 100% TIED OFF  
6059.74ft: PUMP CELLAR  
6059.74ft: TRANSFERRED 30.00  
6059.74ft: TRANSFERRED 20.00  
6059.74ft: TRANSFERRED 80.00  
6059.74ft: MUD VIS 36.00  
6059.74ft: MUD WEIGHT 9.15  
6059.74ft: MUD PH 9.00  
6059.74ft: PULLING ROTATING RUBBER  
6059.74ft: TRANSFERRED 100.00  
6059.74ft: INSTALL ROT RUBBER  
6059.74ft: FILL PIPE  
6059.74ft: FILL PIPE  
6059.74ft: BIT DEPTH CHANGED TO 3589.0 FEET  
6059.74ft: ZDiffPressure from SideKick sk-06-03-2616  
6059.74ft: MUD VIS 36.00  
6059.74ft: MUD WEIGHT 9.10  
6059.74ft: MUD PH 9.10  
6059.74ft: ZDIFF from DHC  
6059.74ft: MUD VIS 36.00  
6059.74ft: MUD WEIGHT 9.10  
6059.74ft: MUD PH 9.20  
6059.74ft: ZDiffPressure from SideKick sk-06-03-2616  
6059.74ft: ZWOB from SideKick sk-06-03-2616  
6099.18ft: ZWOB from SideKick sk-06-03-2616  
6099.18ft: ZDiffPressure from SideKick sk-06-03-2616  
6122.08ft: PUMPED SWEEP  
  
6150.30ft: MUD VIS 34.00  
6150.30ft: MUD WEIGHT 9.20  
6150.30ft: MUD PH 9.10  
6150.30ft: IN TALLY: HOLE DEPTH SET TO 6152.1  
6152.10ft: SERVICE RIG  
6152.10ft: Connection at 6152.1 SURVEY @ 6102 INC .7 AZI 183.1  
6155.22ft: MUD VIS 34.00  
6155.45ft: MUD WEIGHT 9.25  
6155.45ft: MUD PH 9.50

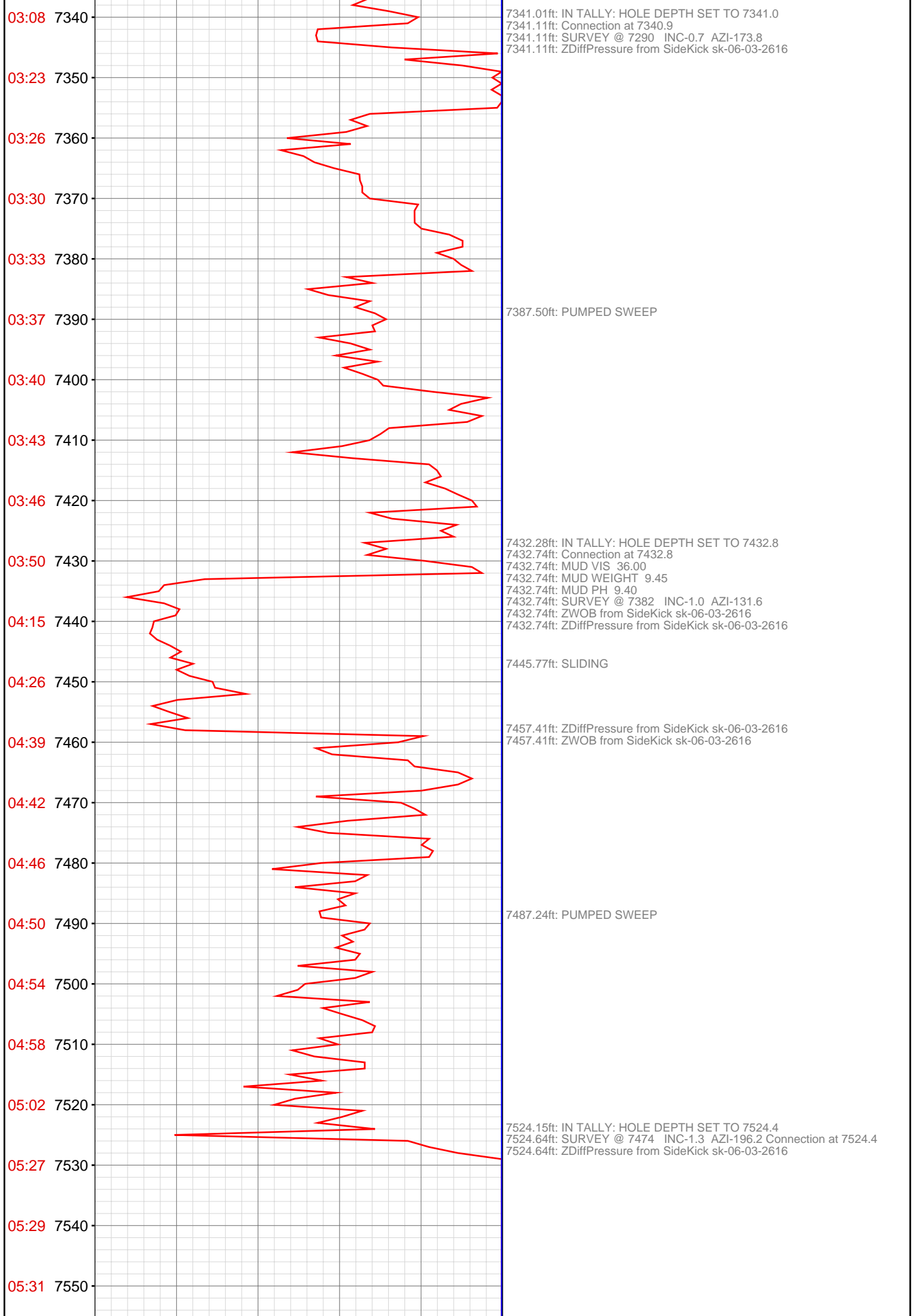




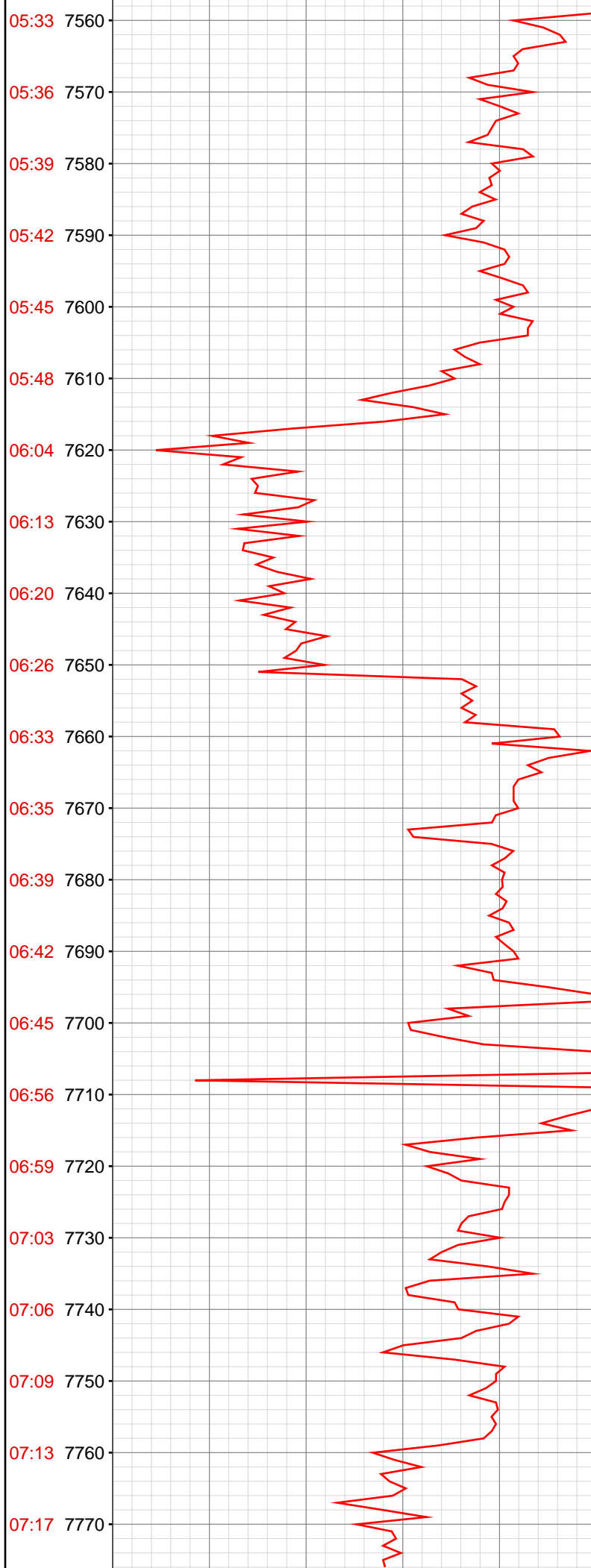












7615.98ft: PVT:Volume alarm snoozed 10 min  
7615.98ft: Connection at 7616.0  
7615.98ft: PVT:Volume alarm reactivated: snooze expired  
7615.98ft: ZDIFF from DHC  
7616.31ft: IN TALLY: HOLE DEPTH SET TO 7616.0

7638.22ft: MUD VIS 37.00  
7638.55ft: MUD WEIGHT 9.45  
7638.55ft: MUD PH 9.10

7650.43ft: ZWOB from SideKick sk-06-03-2616  
7650.43ft: ZDiffPressure from SideKick sk-06-03-2616

7707.19ft: IN TALLY: HOLE DEPTH SET TO 7707.7  
7707.68ft: PVT:Volume alarm snoozed 10 min  
7707.68ft: Connection at 7707.7  
7707.68ft: SURVEY @ 7657 INC 1.3 AZI 347.7  
7707.68ft: ZDiffPressure from SideKick sk-06-03-2616

7727.00ft: PVT:Volume alarm reactivated: snooze expired

7754.99ft: MUD VIS 37.00  
7754.99ft: MUD WEIGHT 9.00  
7755.58ft: MUD WEIGHT 9.40  
7756.14ft: MUD PH 9.30

