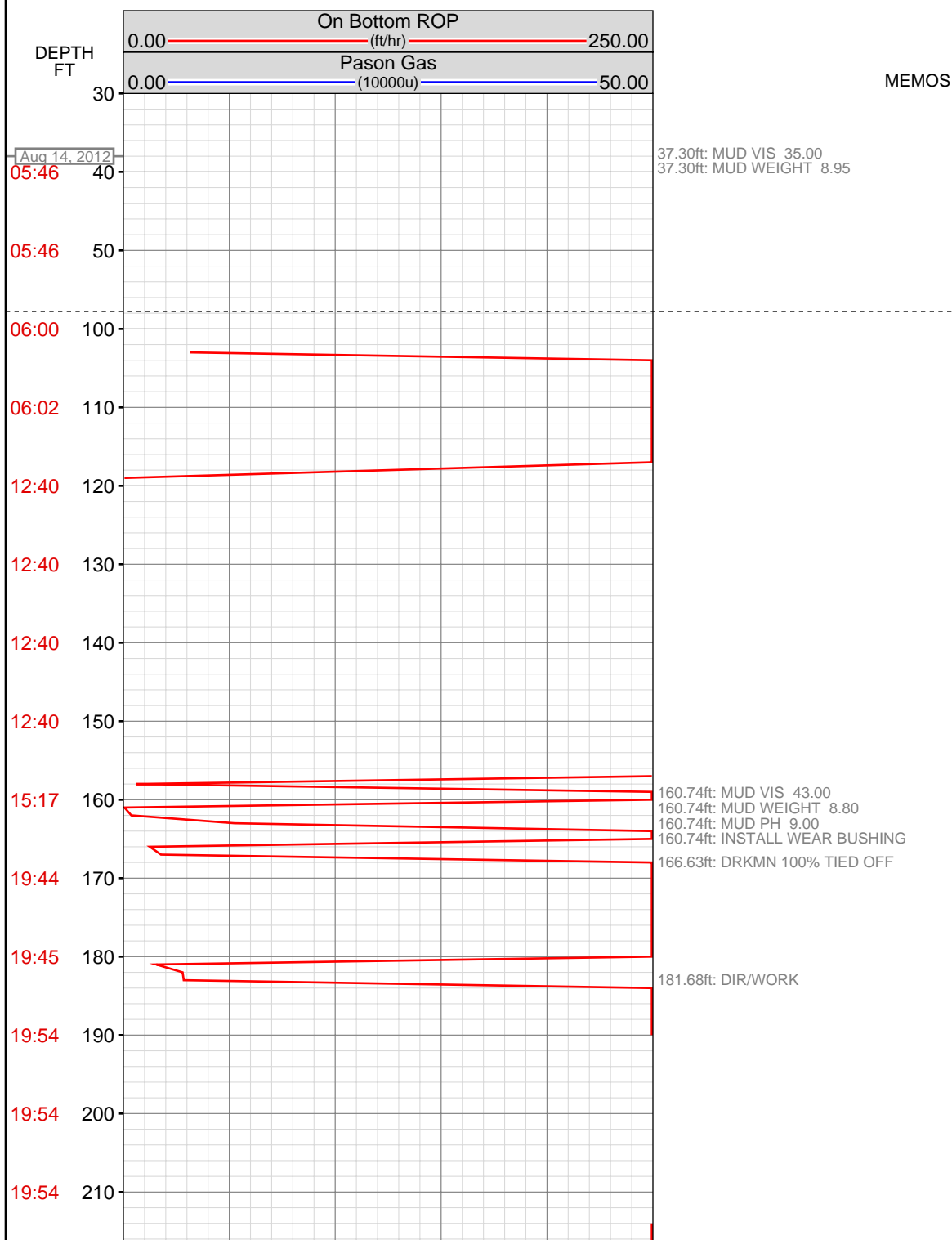


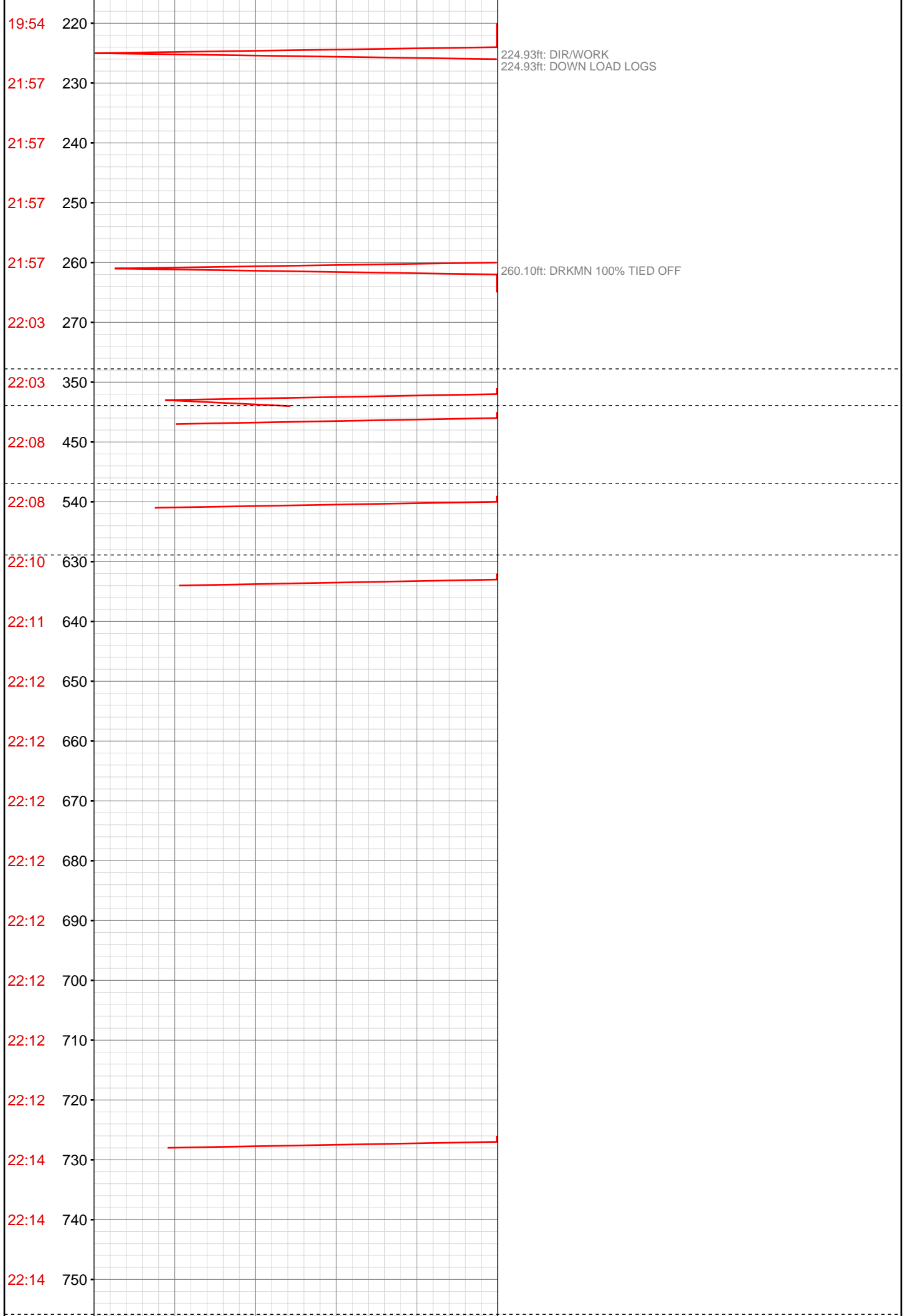
# DataHub EDR Log

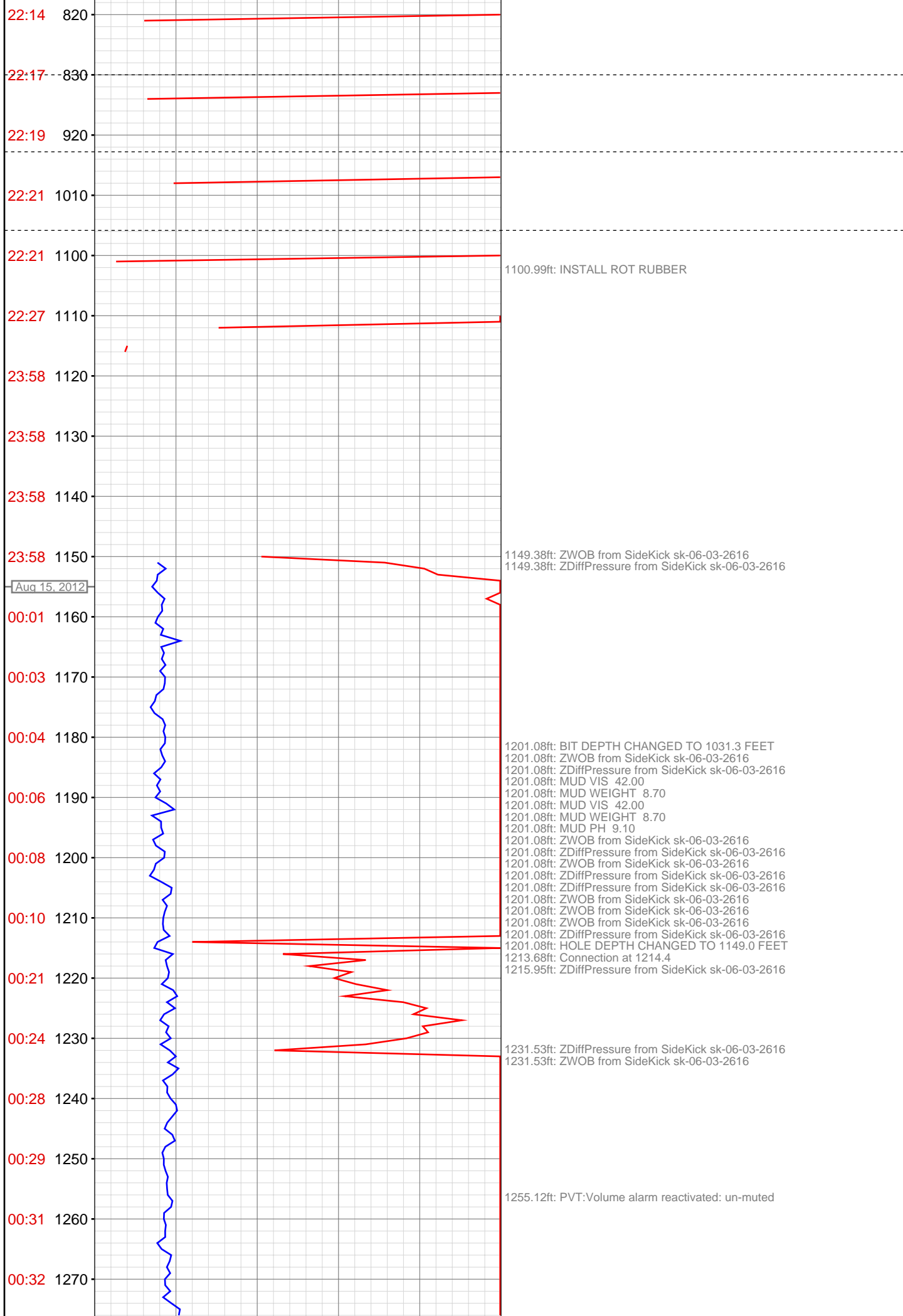
Wed Aug 22, 2012 10:40:23  
Well Dossier 1344909090  
Greg Veregin

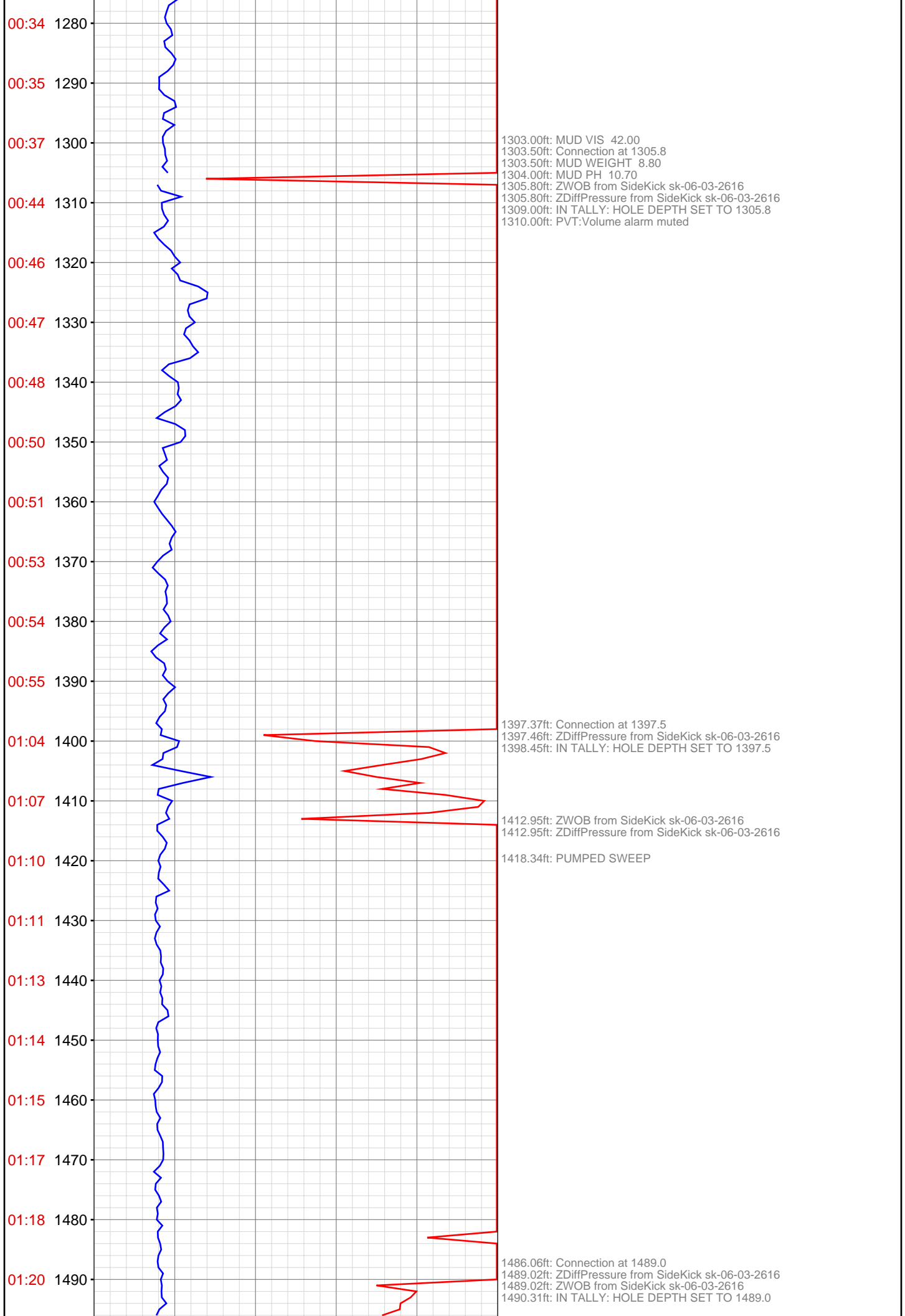
**OPERATOR:** EnCana Oil & Gas (USA), Inc.  
**WELL:** MCU Fee 17-9C  
**FIELD:**  
**LOCATION:** SEC 16 TS7S RG93W  
**COUNTRY:** USA  
**RIG:** Pat-UTI 308

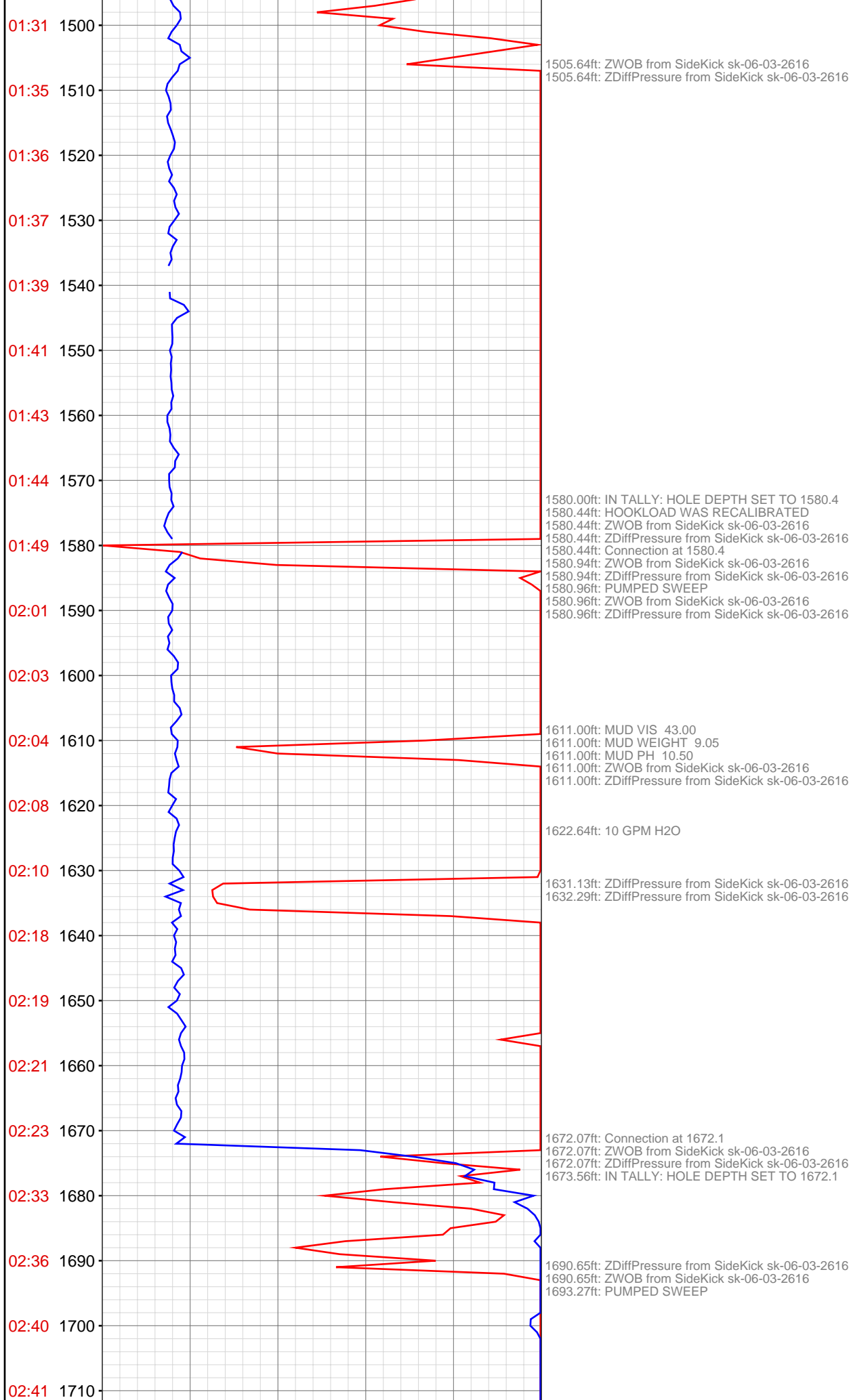
**CONTRACTOR:** Patterson-UTI Drilling Company  
**UNIQUE WELL ID:** 0504520683  
**SPUD DATE:** Aug 14, 2012 17:00  
**RELEASE DATE:**

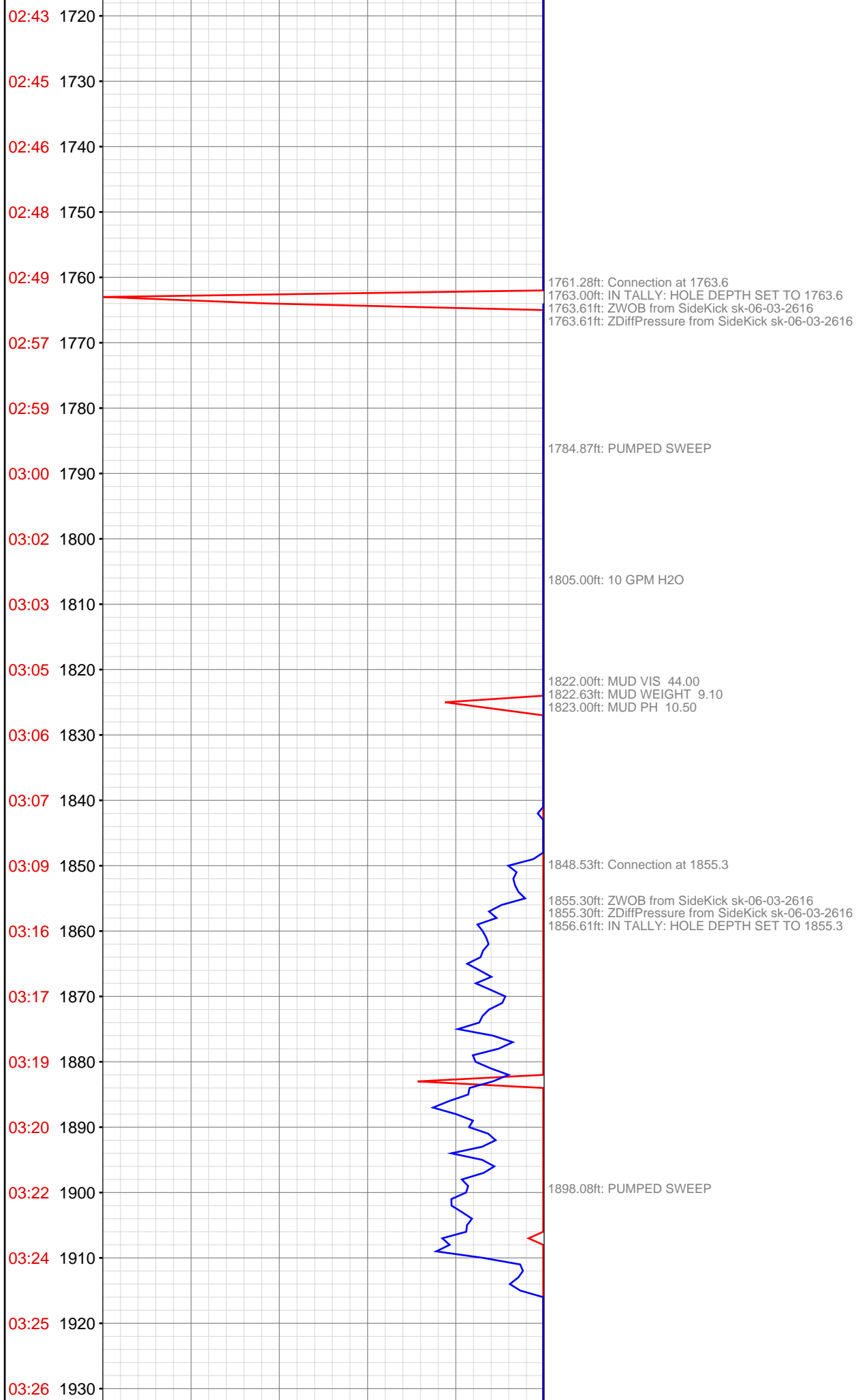


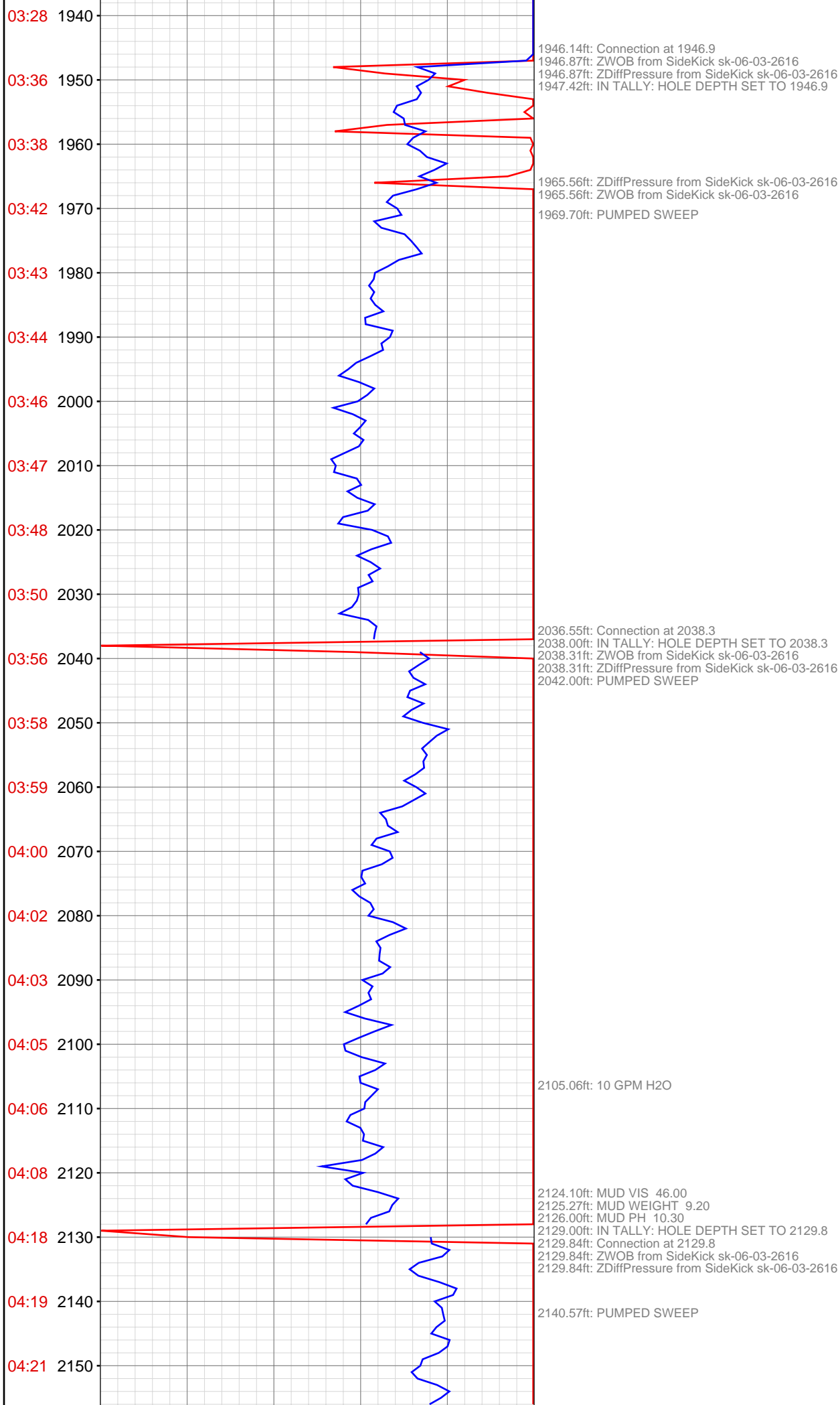


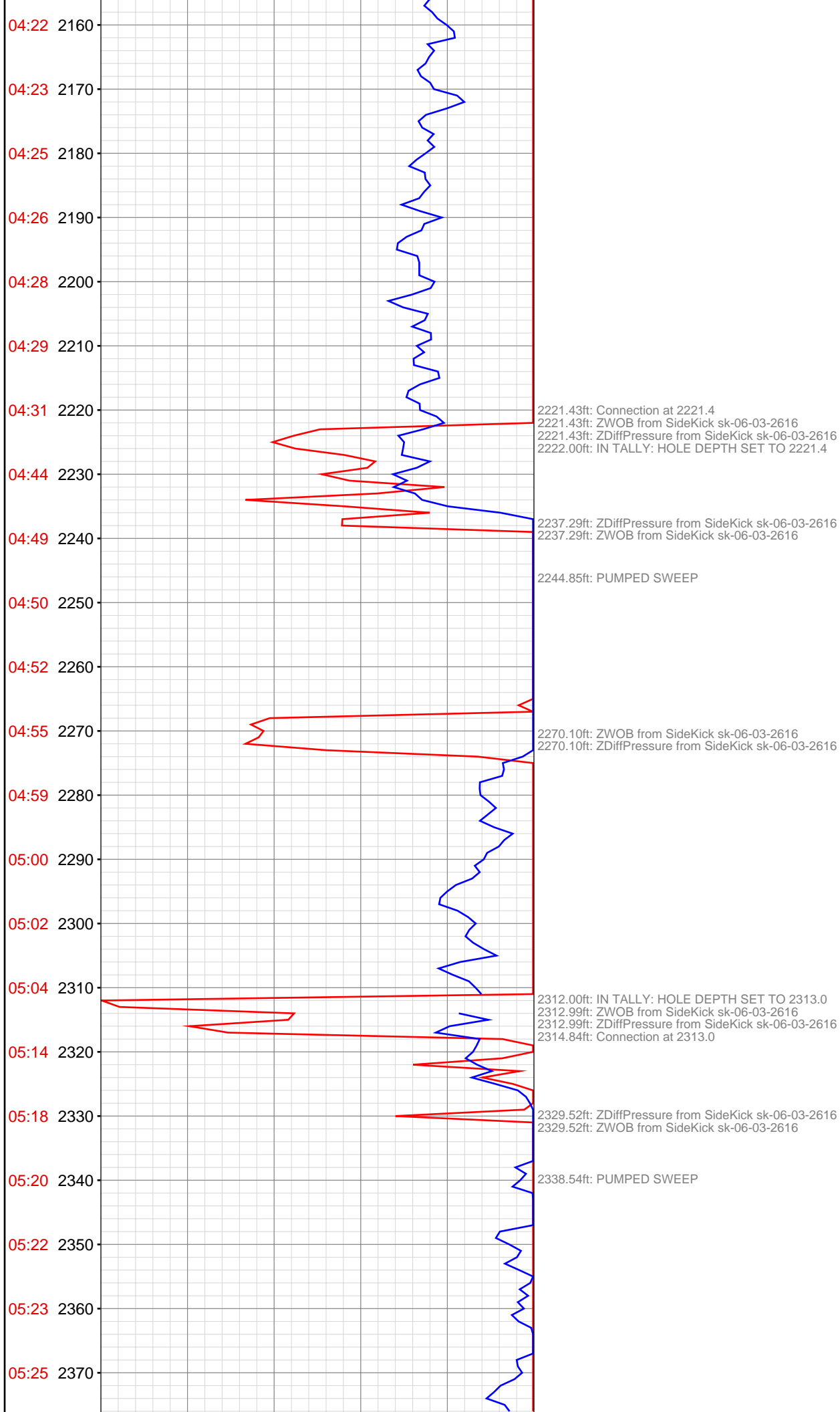




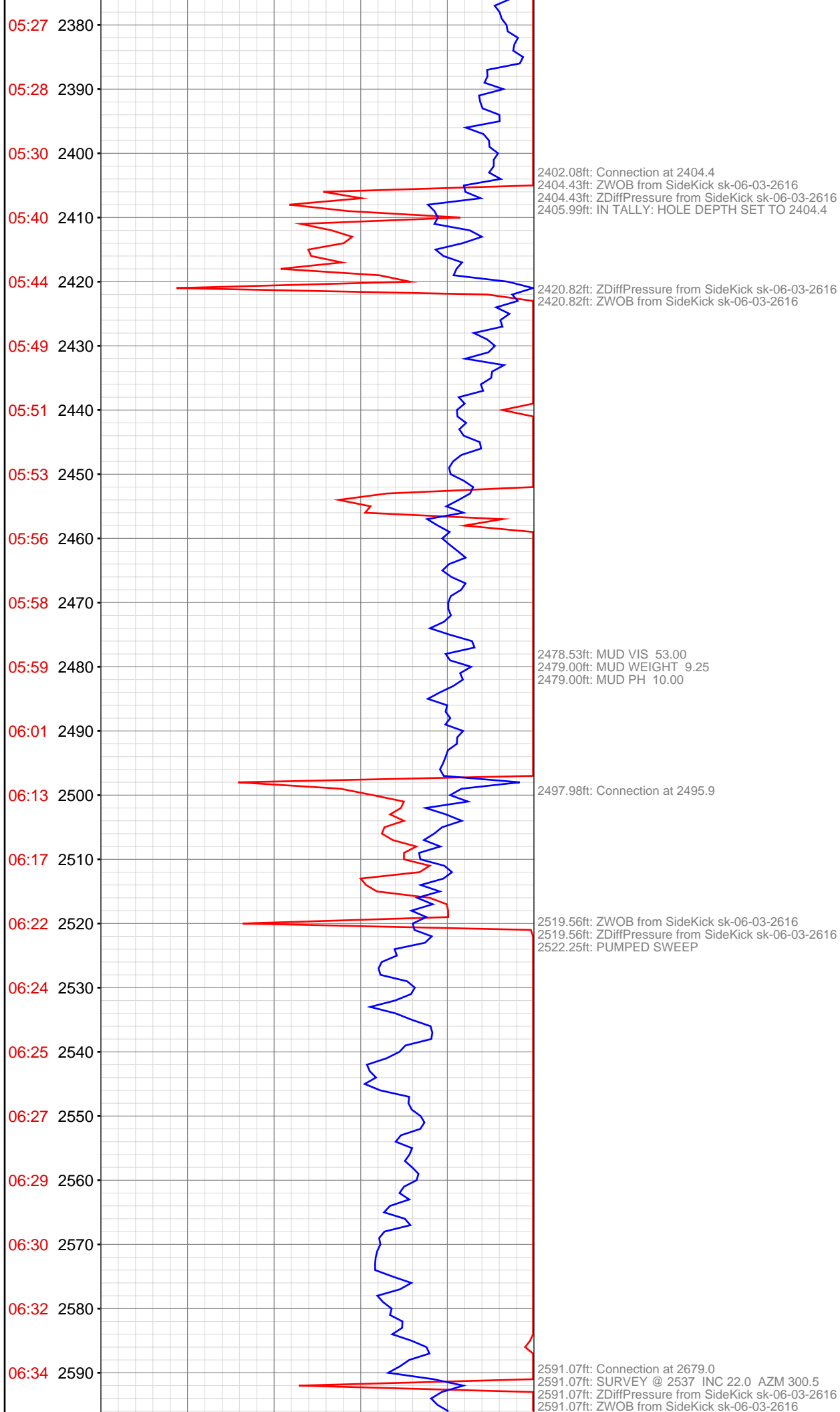


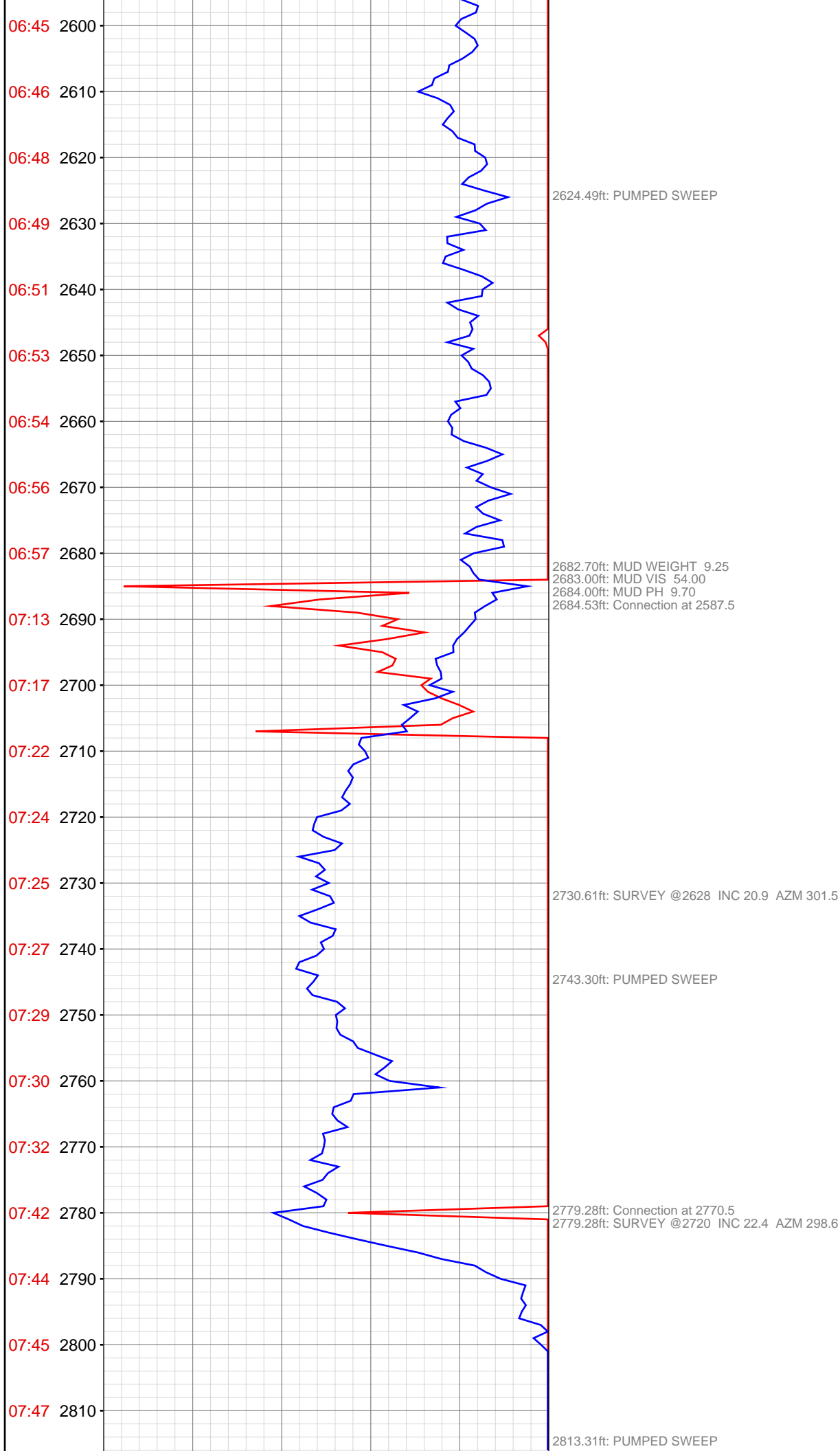


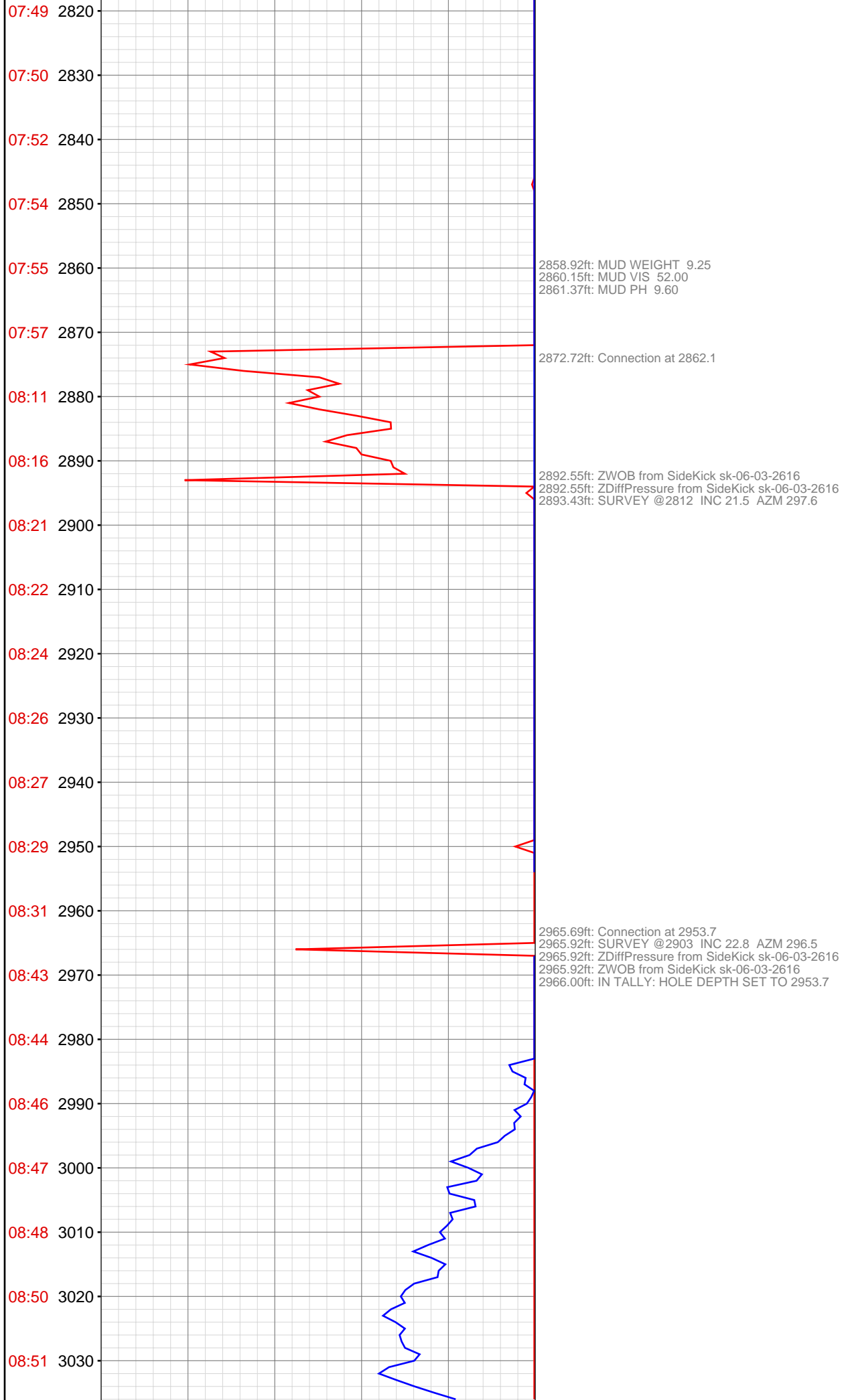


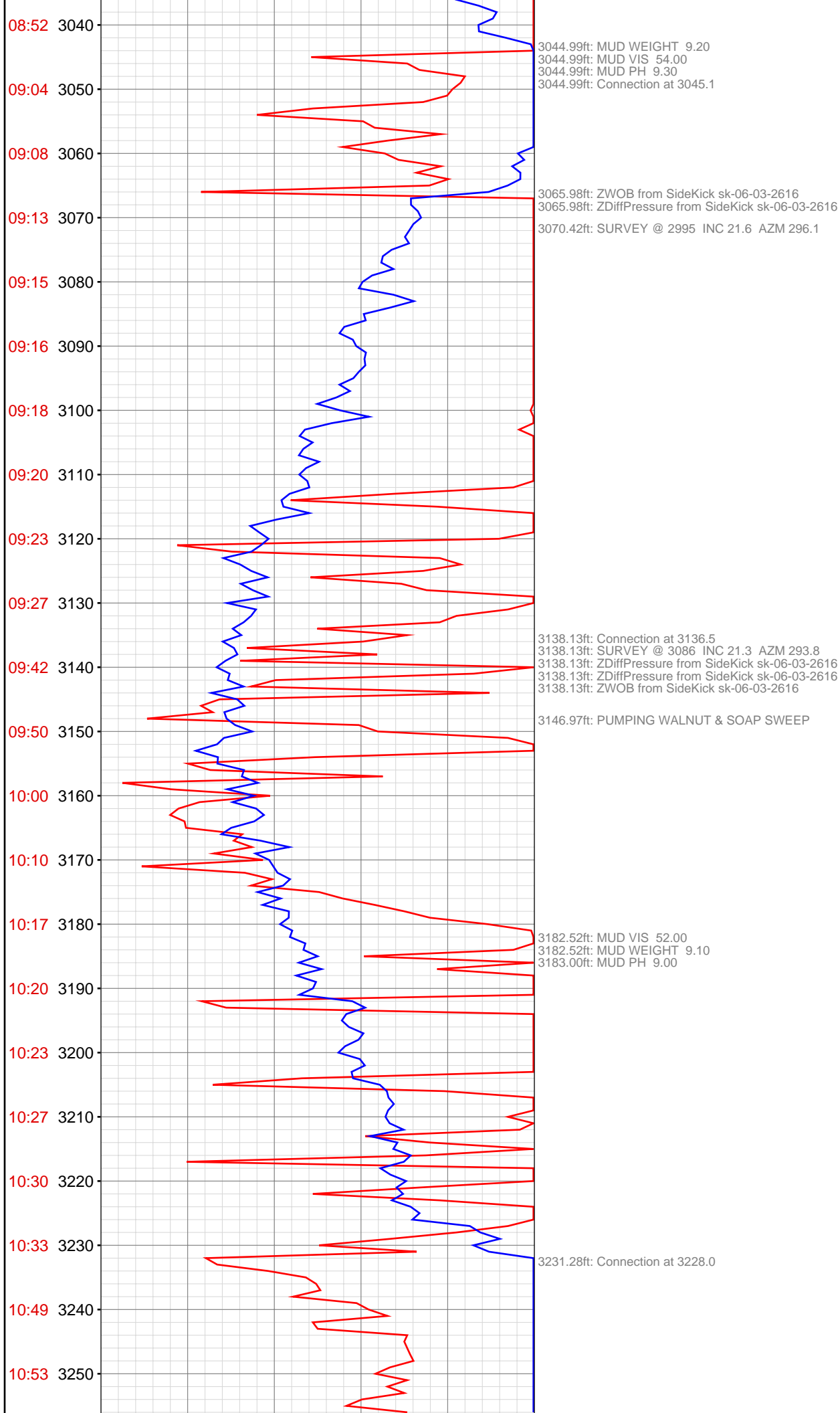


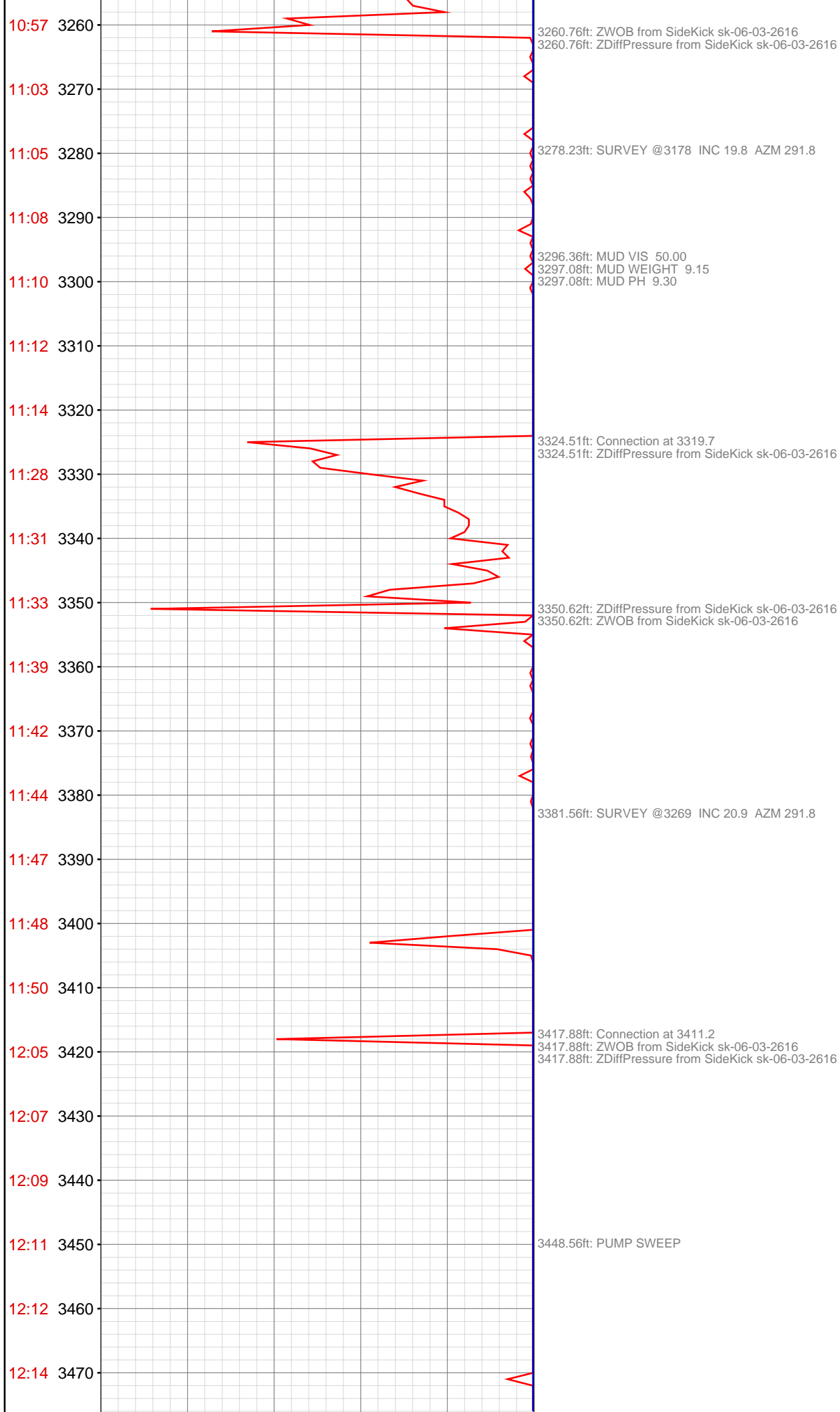


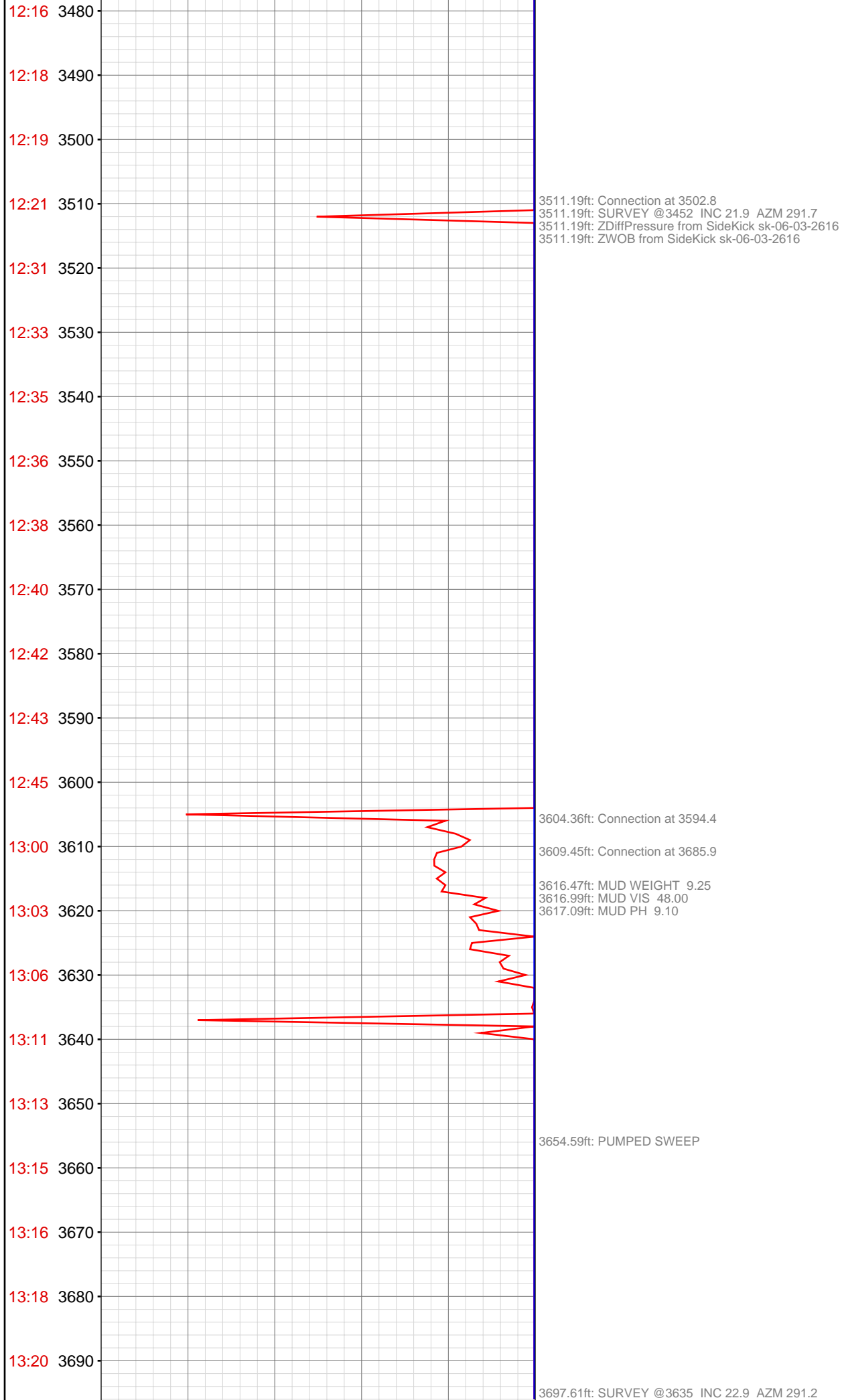


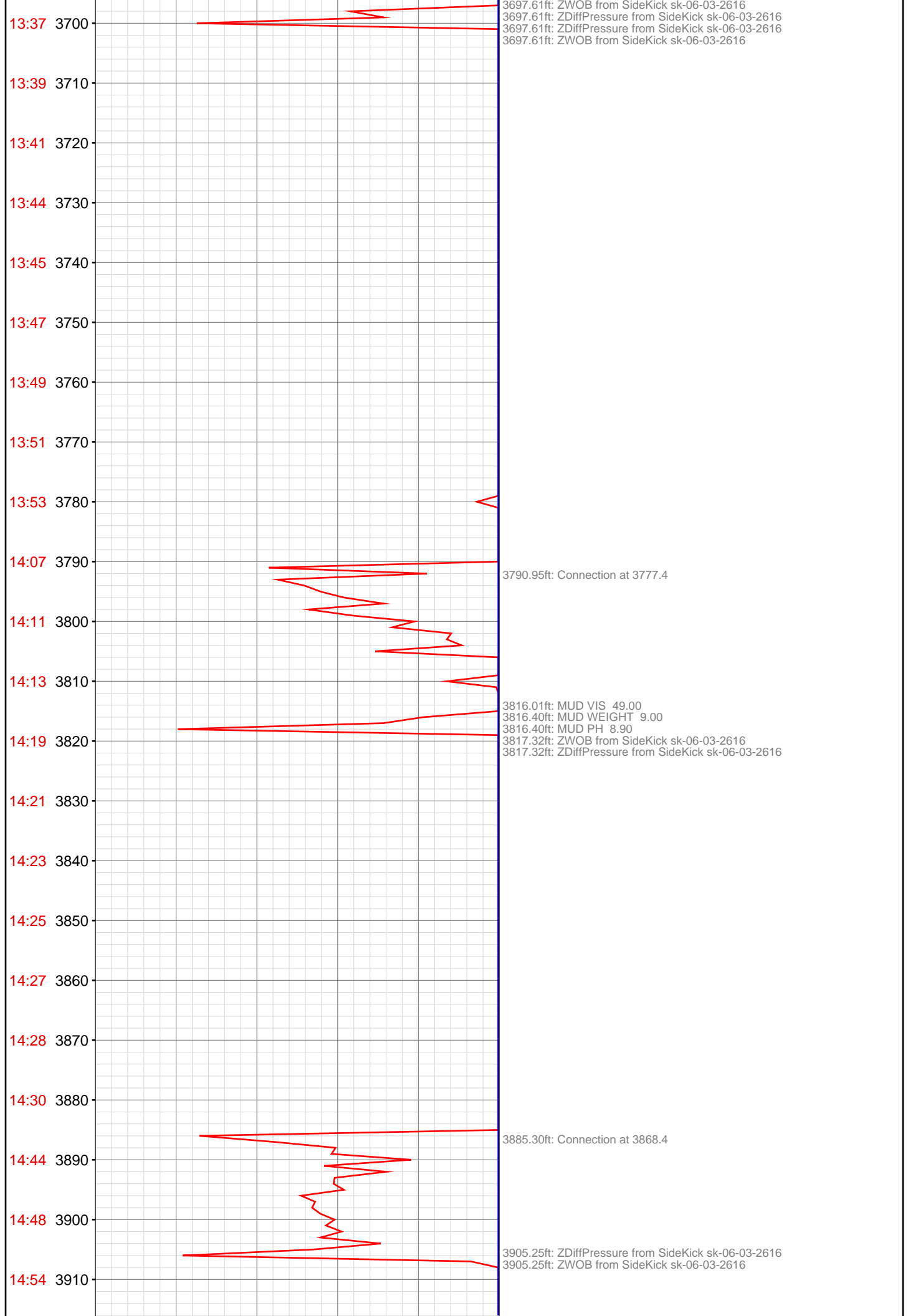


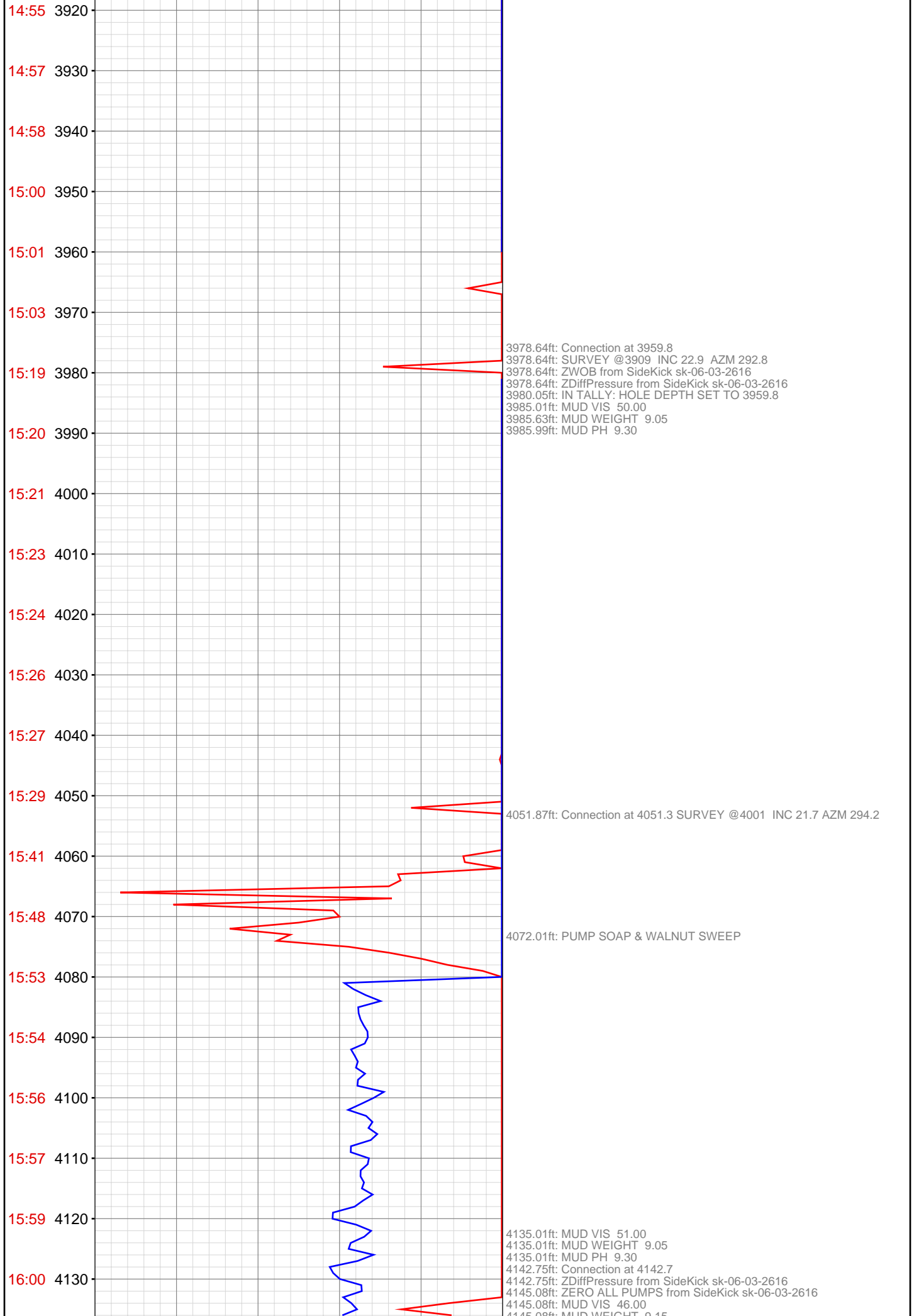




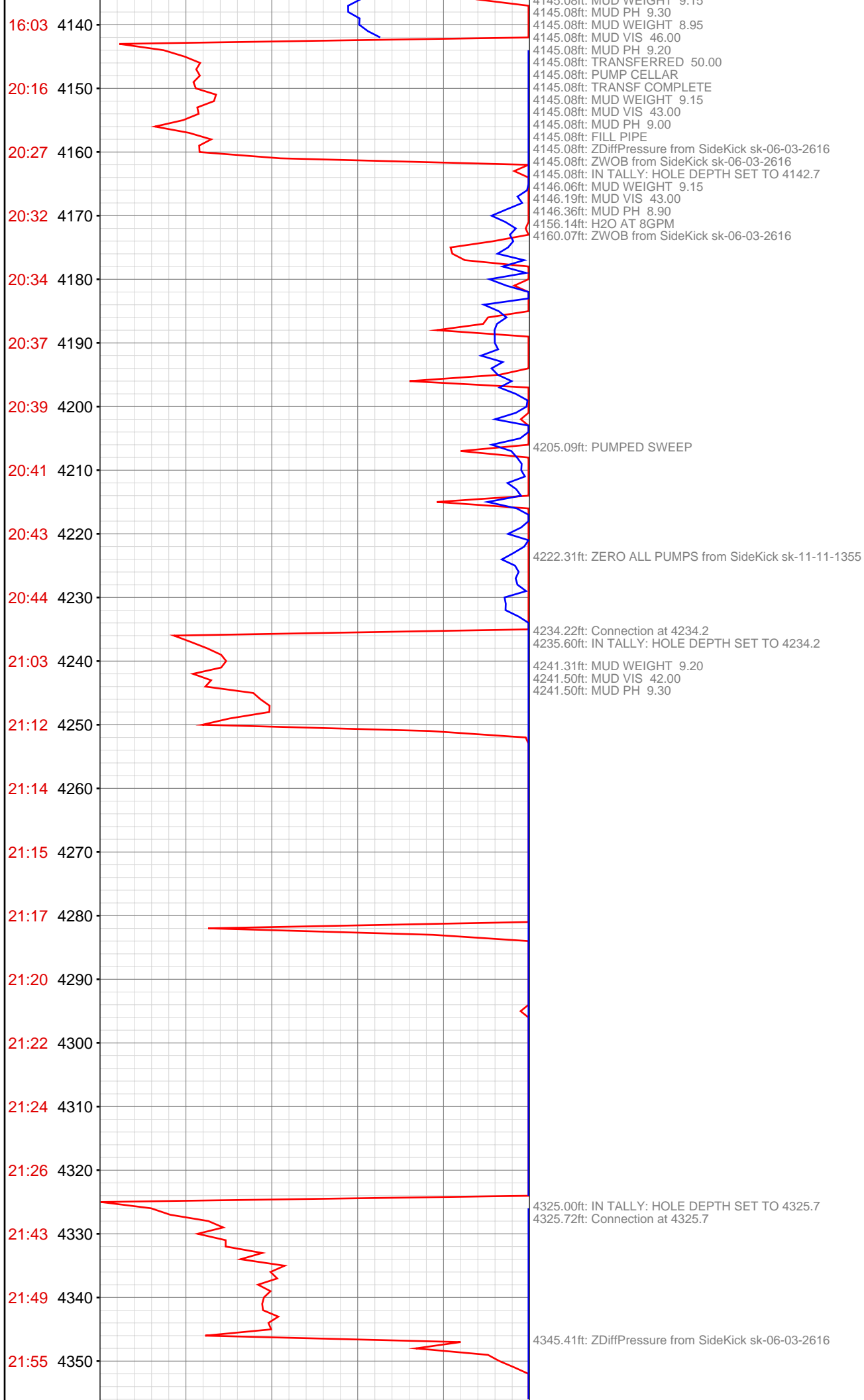


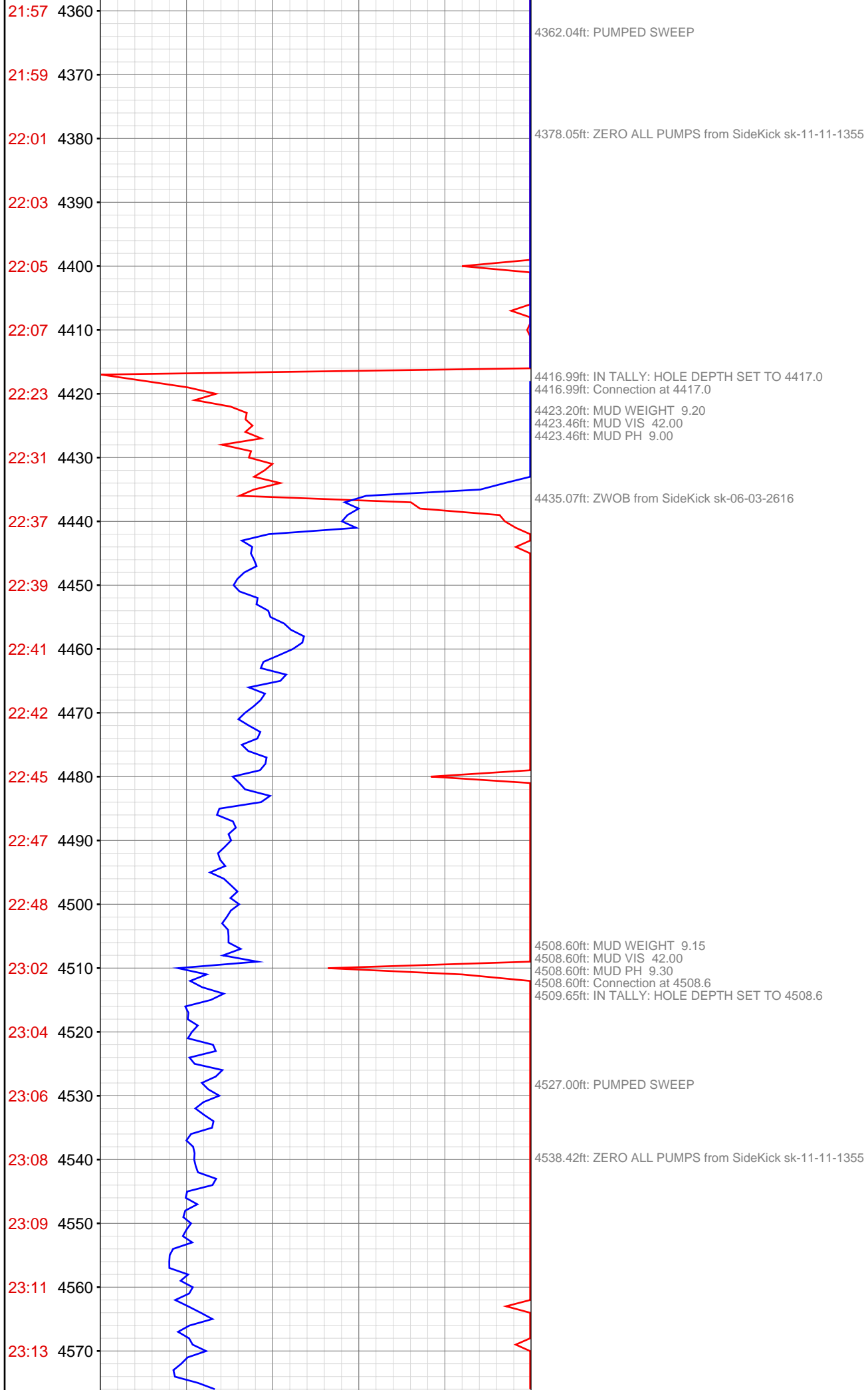


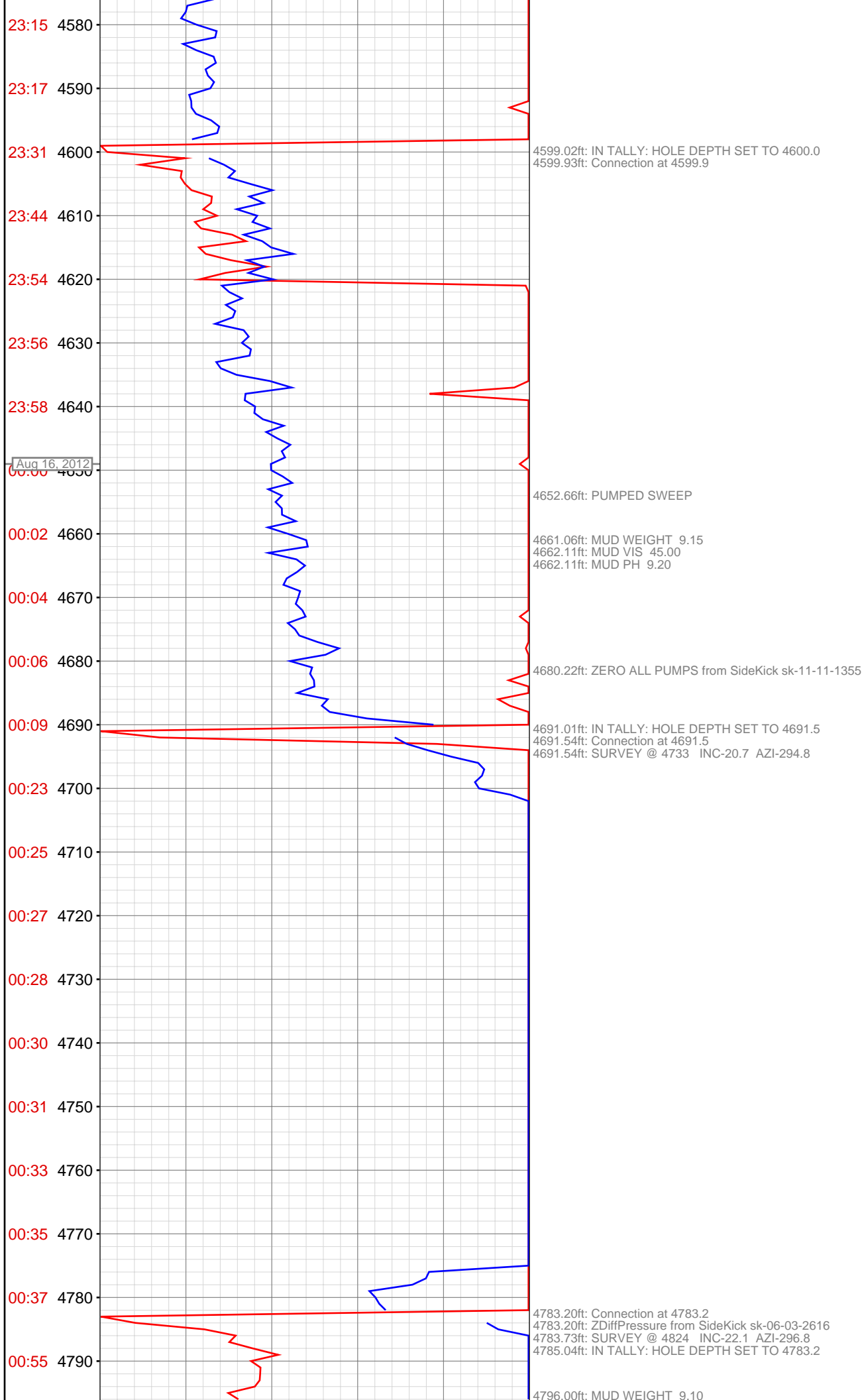


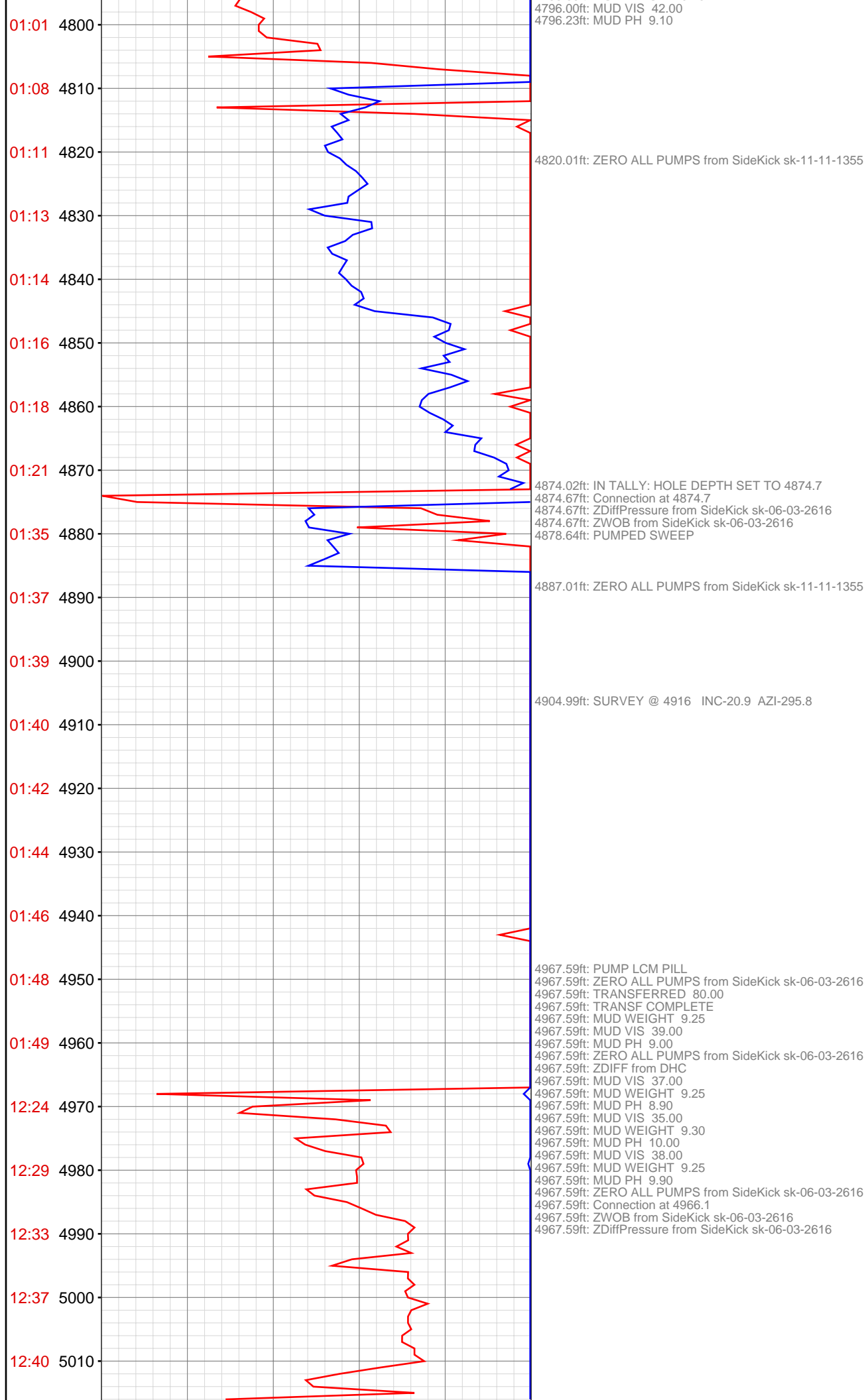


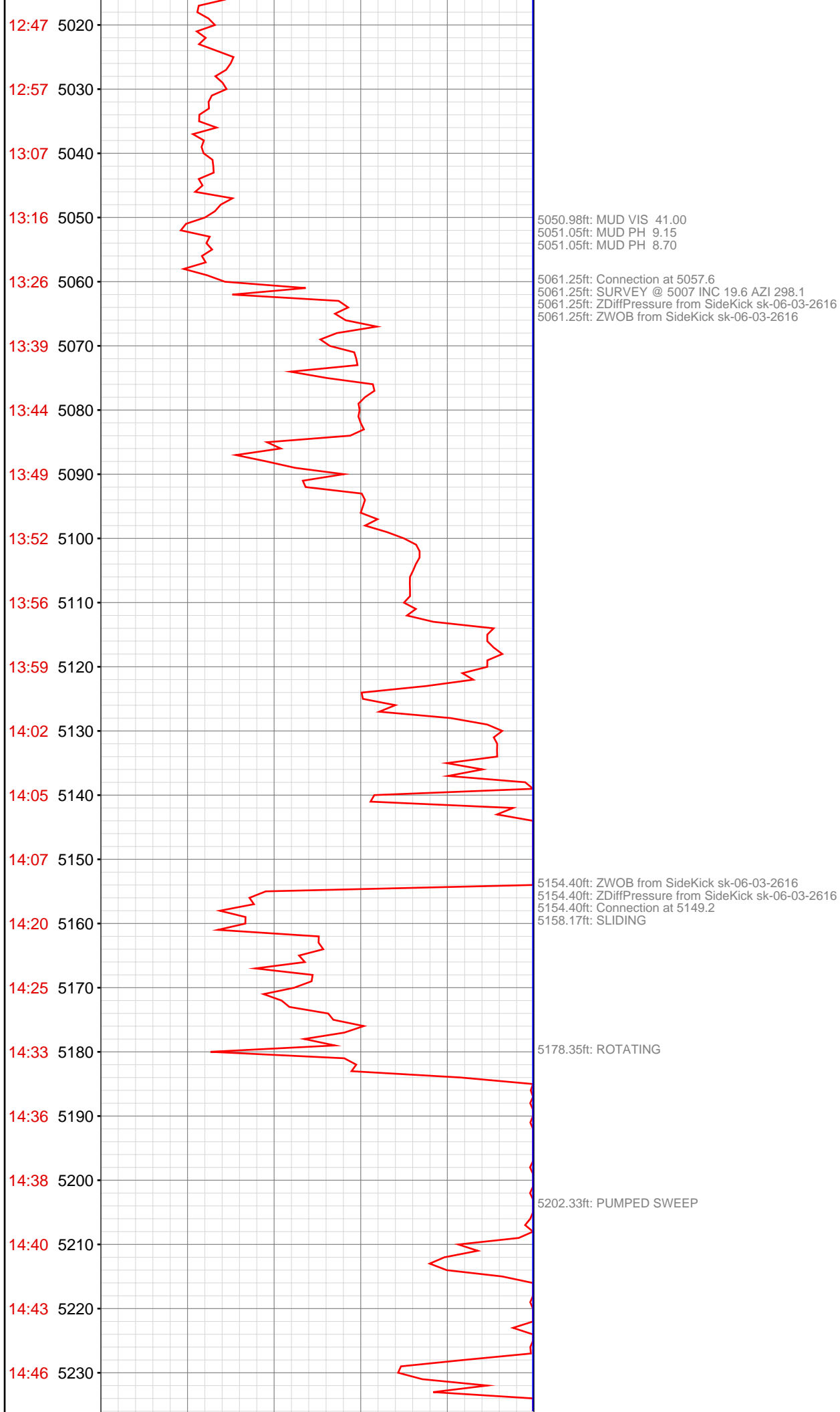


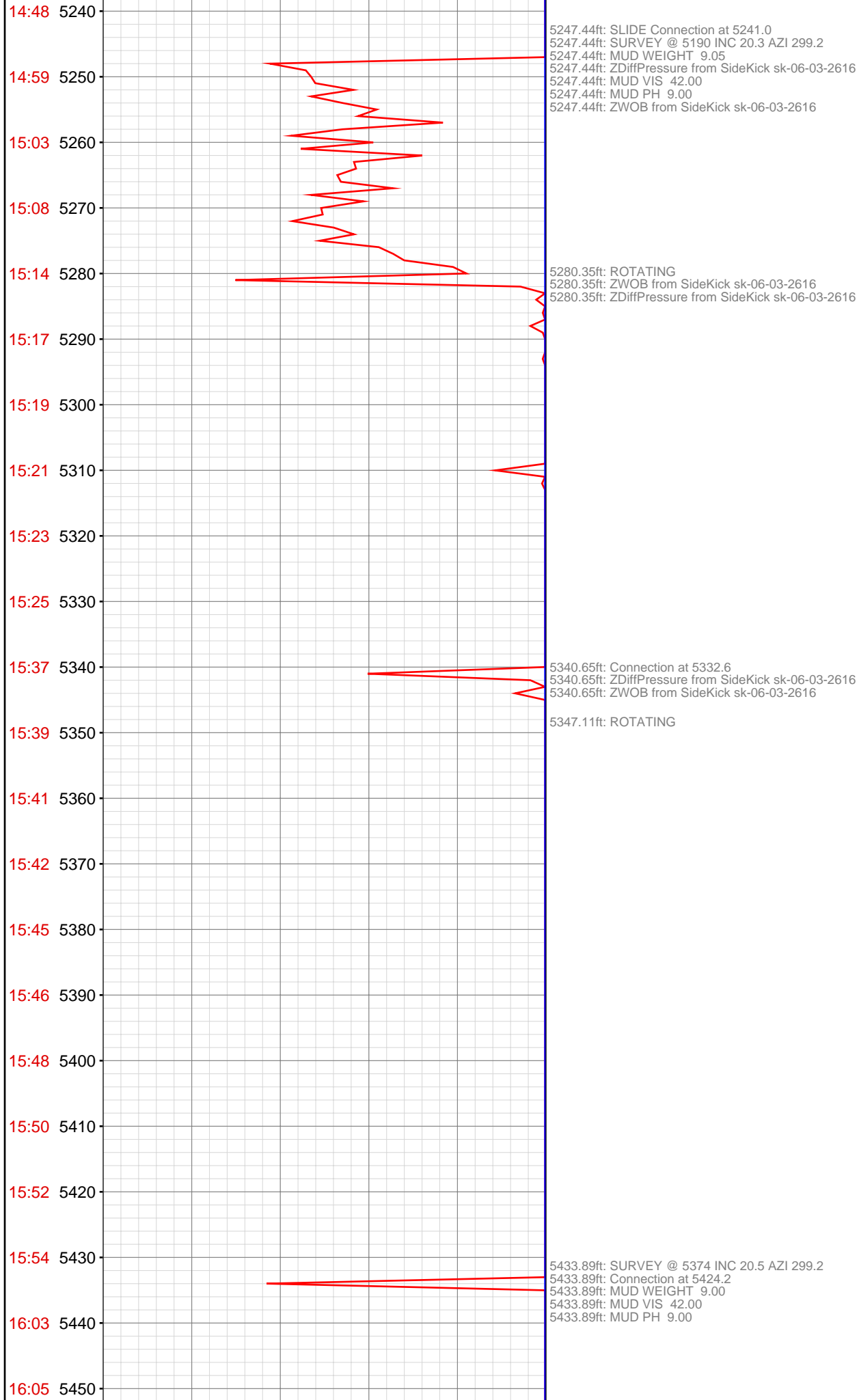












16:07 5460  
16:09 5470  
16:10 5480  
16:12 5490  
16:14 5500  
16:16 5510  
16:18 5520  
16:35 5530  
16:43 5540  
16:48 5550  
16:54 5560  
17:05 5570  
17:08 5580  
17:11 5590  
17:14 5600  
17:45 5610  
17:48 5620  
17:50 5630  
17:52 5640  
17:54 5650  
17:56 5660  
17:57 5670

5527.17ft: Connection at 5515.6  
5527.17ft: SLIDING  
5527.17ft: ZDiffPressure from SideKick sk-06-03-2616  
5527.17ft: ZWOB from SideKick sk-06-03-2616

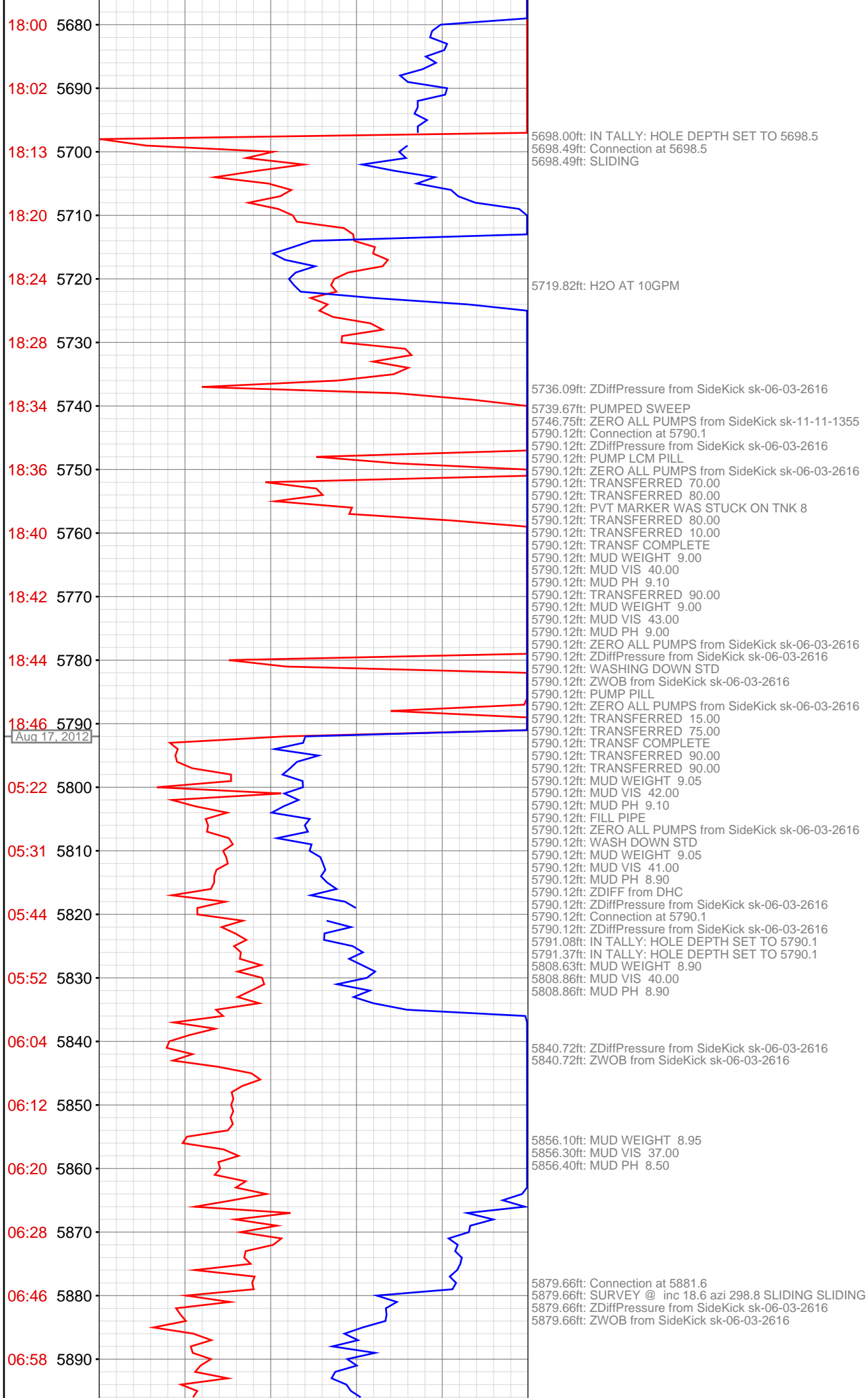
5562.43ft: ROTATING

5594.00ft: MUD WEIGHT 9.15  
5594.52ft: MUD VIS 42.00  
5595.01ft: MUD PH 9.00

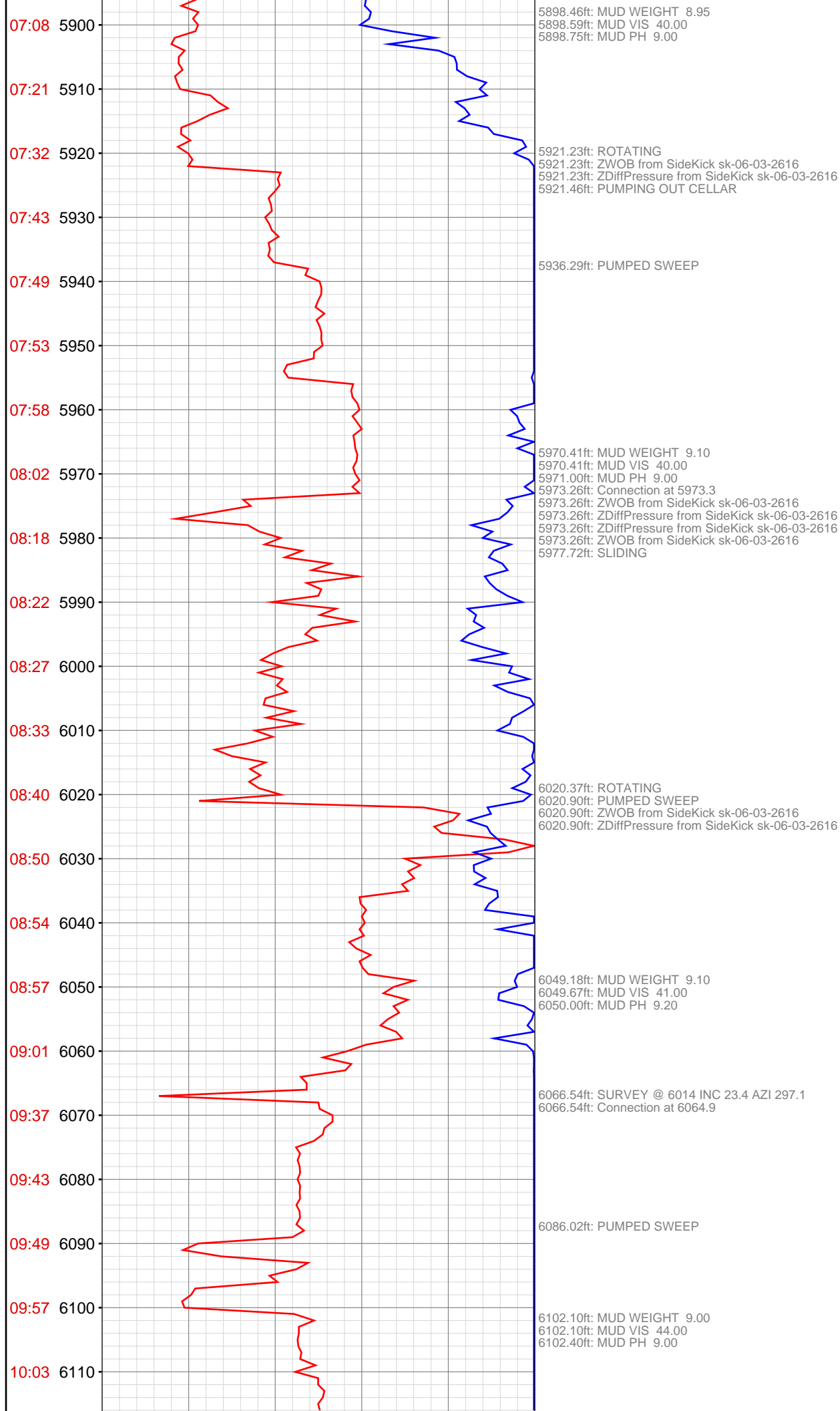
5607.09ft: SURVEY @ 5507 INC 22.0 AZI 296.8  
5607.09ft: Connection at 5607.1  
5607.09ft: ZDiffPressure from SideKick sk-06-03-2616  
5607.09ft: ZWOB from SideKick sk-06-03-2616

5619.95ft: HOLE DEPTH CHANGED TO 5607.1 FEET

5665.32ft: MUD WEIGHT 9.15  
5666.01ft: MUD VIS 45.00  
5666.14ft: MUD PH 9.20







10:07 6120  
10:13 6130  
10:17 6140  
10:21 6150  
10:34 6160  
10:38 6170  
10:44 6180  
10:52 6190  
10:56 6200  
11:00 6210  
11:05 6220  
11:14 6230  
11:19 6240  
11:41 6250  
11:49 6260  
11:55 6270  
12:01 6280  
12:05 6290  
12:09 6300  
12:17 6310  
12:22 6320  
12:27 6330

6159.78ft: Connection at 6156.4  
6159.78ft: SURVEY @ 6106 INC 23.1 AZI 297.1  
6159.78ft: ROTATING  
6159.78ft: ZDiffPressure from SideKick sk-06-03-2616  
6159.78ft: ZWOB from SideKick sk-06-03-2616

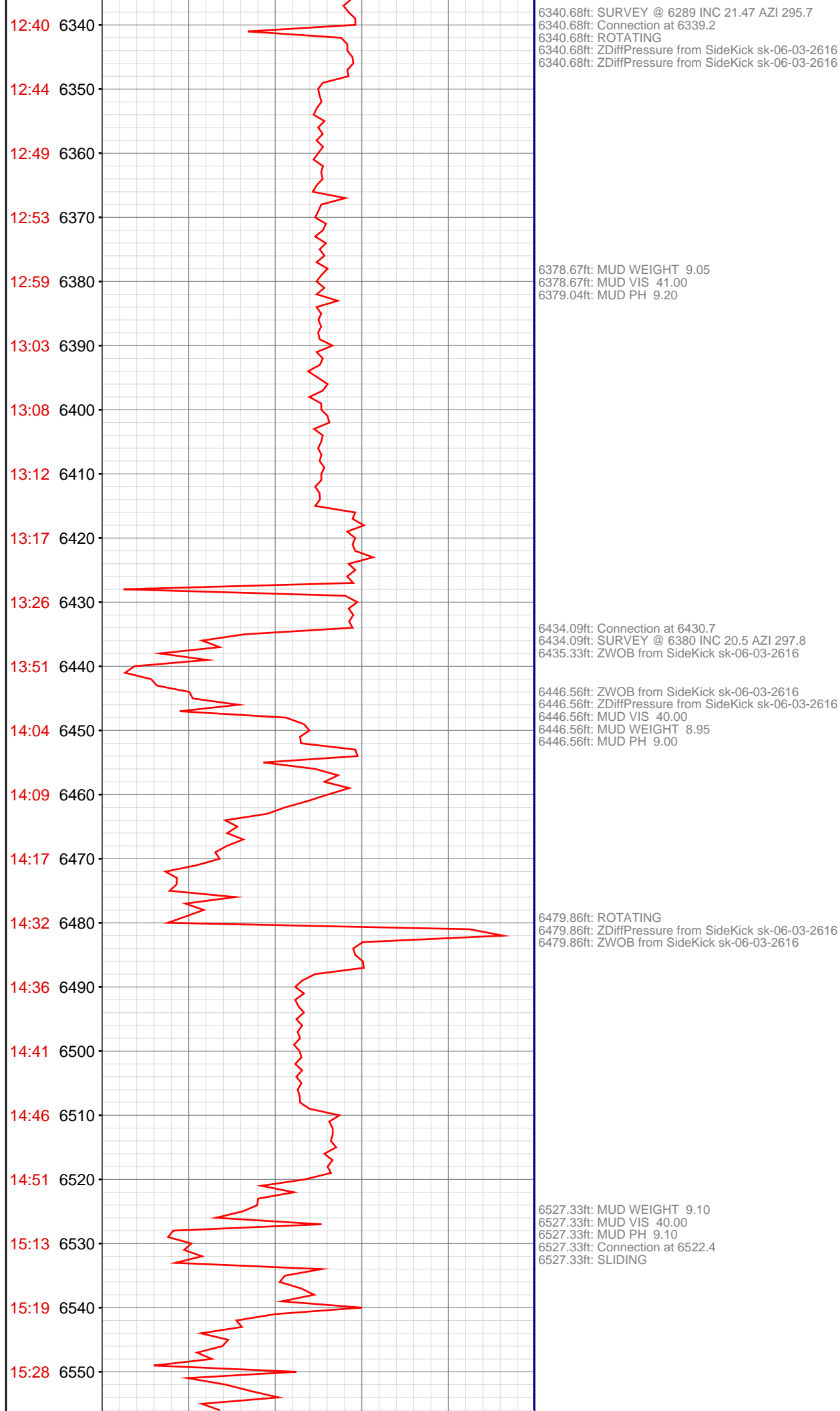
6185.63ft: PUMPED SWEEP

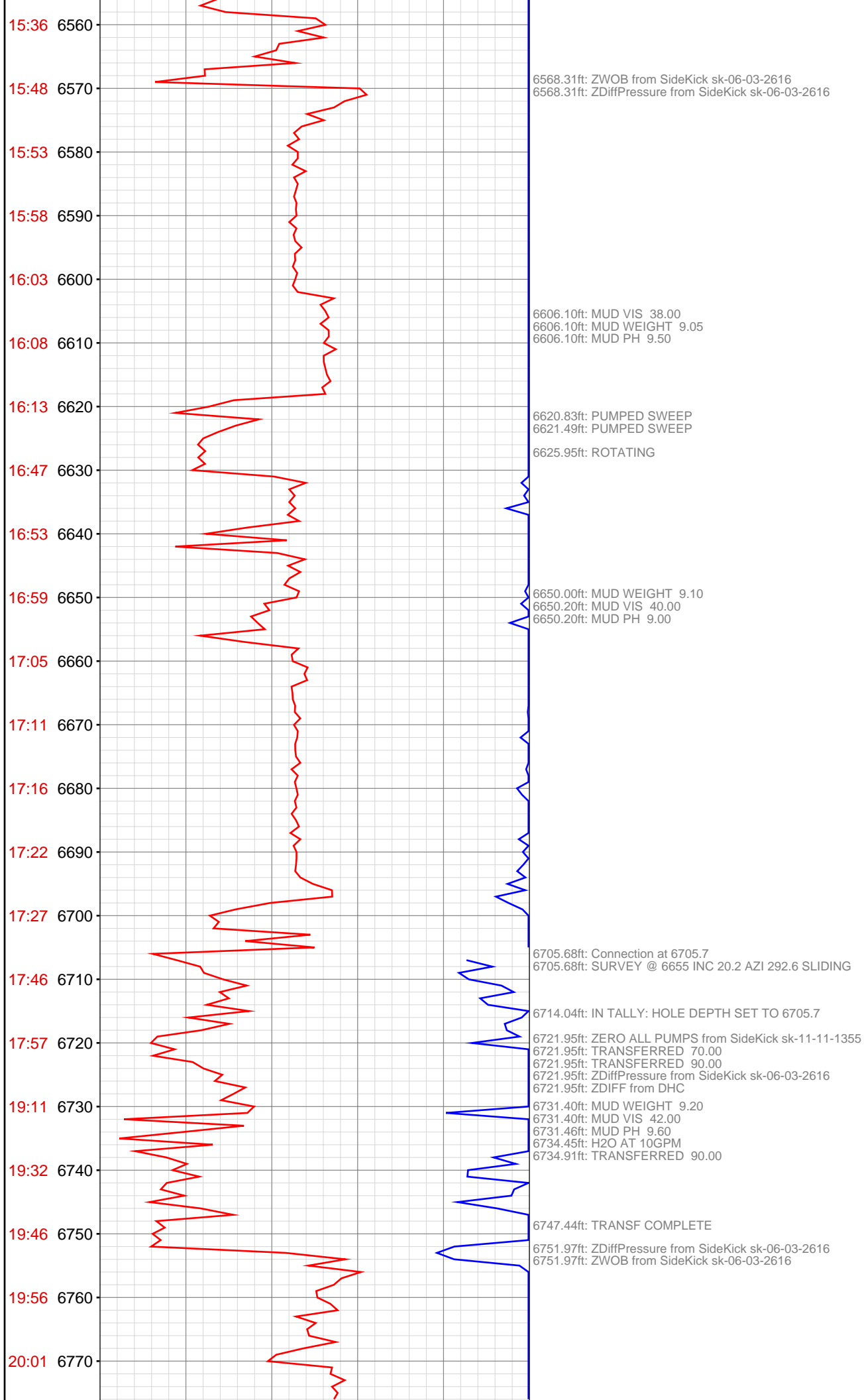
6198.59ft: MUD VIS 40.00  
6198.59ft: MUD WEIGHT 9.00  
6198.59ft: MUD PH 8.90  
6201.08ft: BUILDING MUD IN ACTIVE

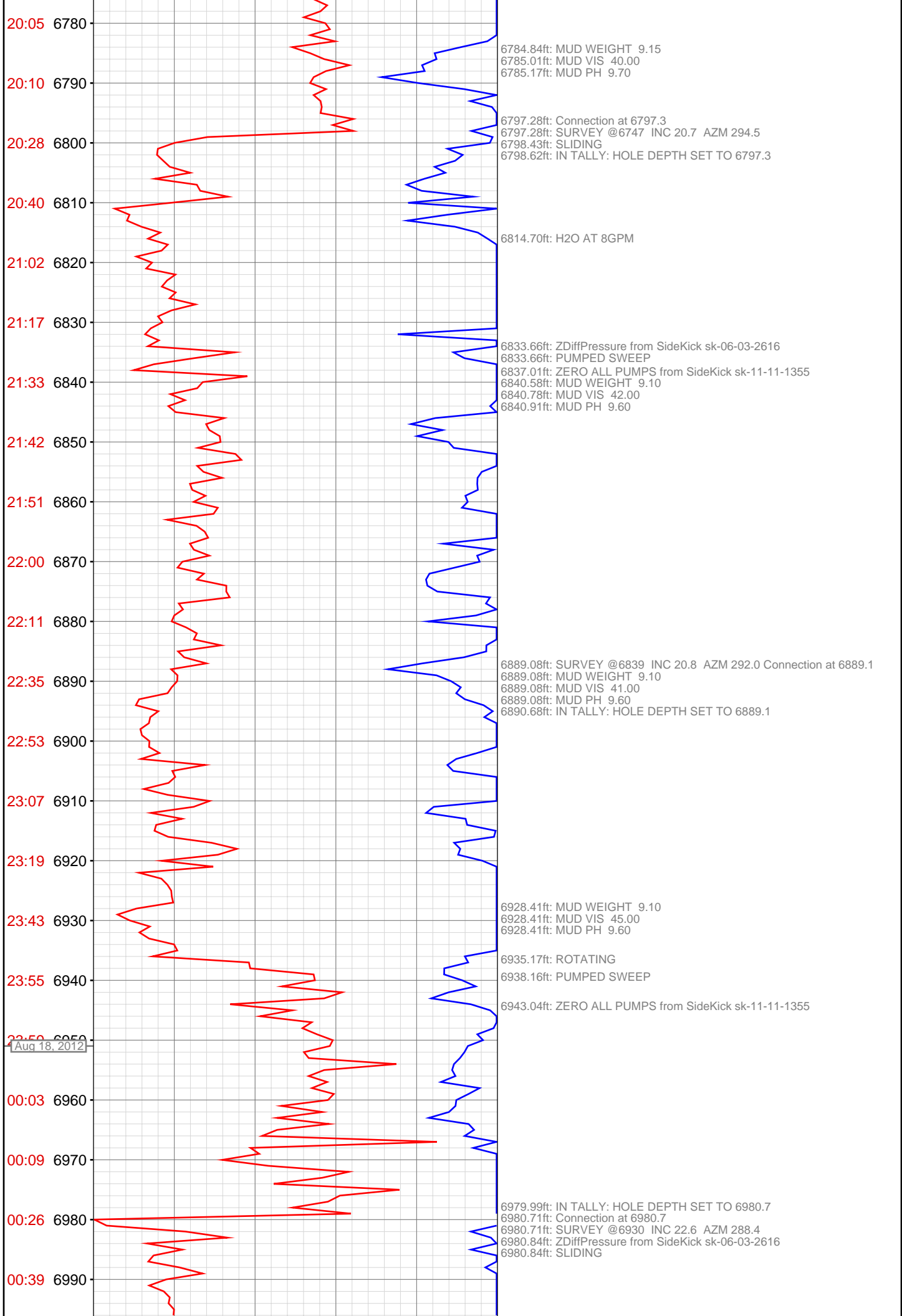
6247.74ft: Connection at 6247.7  
6247.74ft: ZWOB from SideKick sk-06-03-2616  
6247.74ft: ZDiffPressure from SideKick sk-06-03-2616  
6247.74ft: ZDiffPressure from SideKick sk-06-03-2616  
6247.74ft: ZWOB from SideKick sk-06-03-2616  
6253.05ft: IN TALLY: HOLE DEPTH SET TO 6247.7

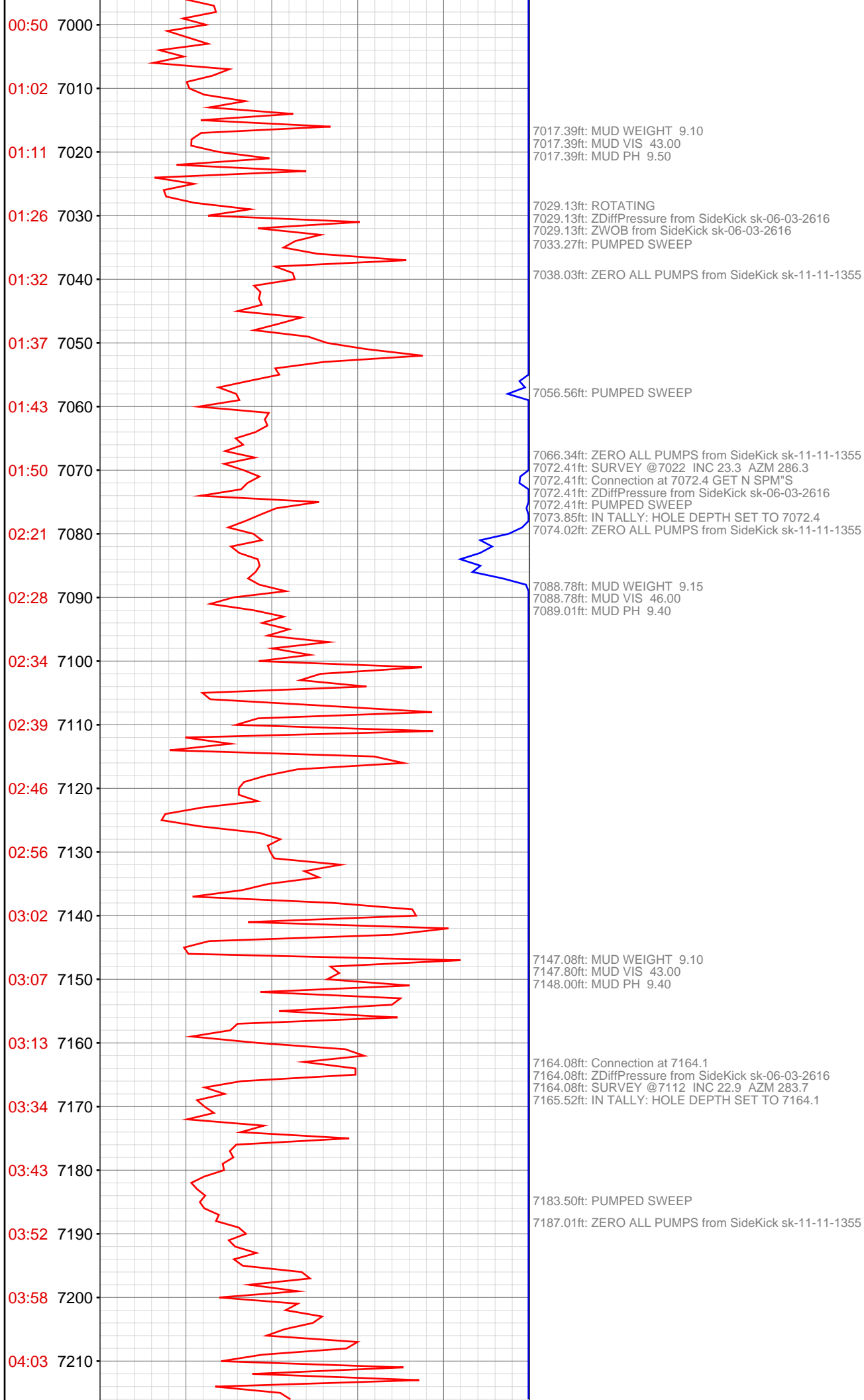
6279.99ft: MUD WEIGHT 9.05  
6280.25ft: MUD VIS 40.00  
6280.25ft: MUD PH 8.90

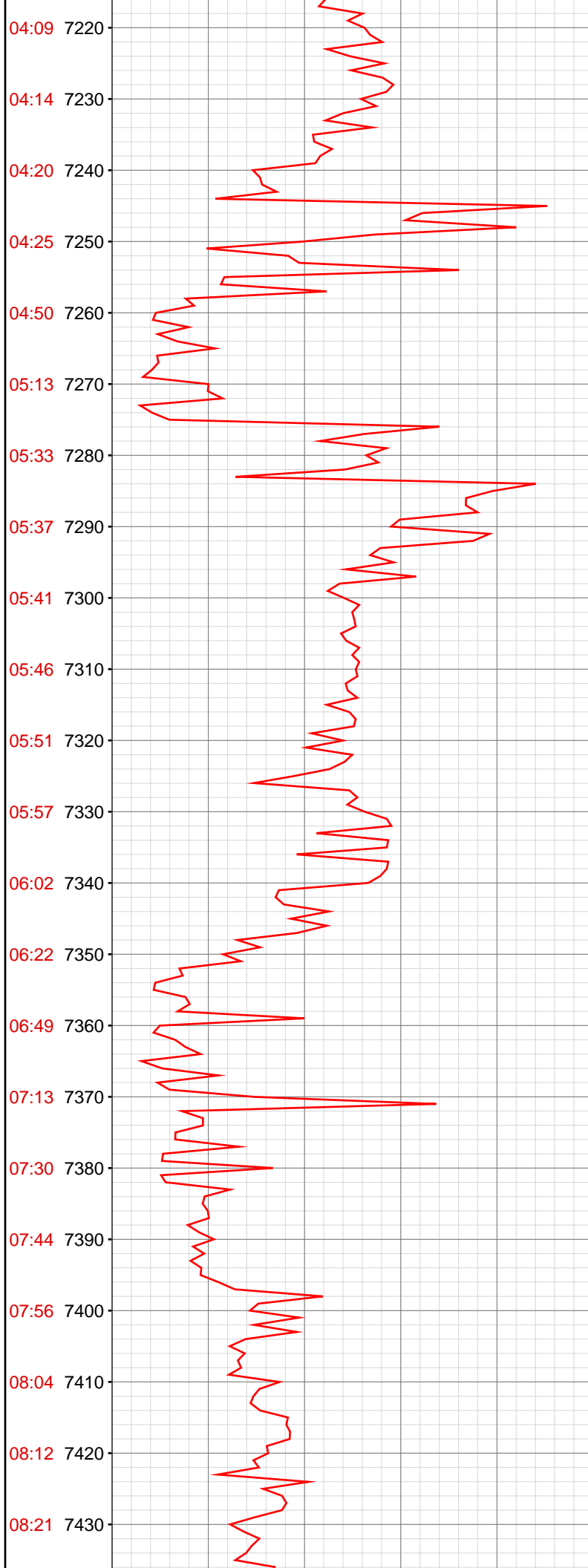
6302.23ft: ZWOB from SideKick sk-06-03-2616  
6302.23ft: ZDiffPressure from SideKick sk-06-03-2616











7252.43ft: MUD WEIGHT 9.10  
7252.69ft: MUD VIS 42.00  
7252.99ft: MUD PH 9.20  
7254.99ft: IN TALLY: HOLE DEPTH SET TO 7255.8  
7255.74ft: Connection at 7255.8  
7255.74ft: SURVEY @7205 INC 21.5 AZM 282.8

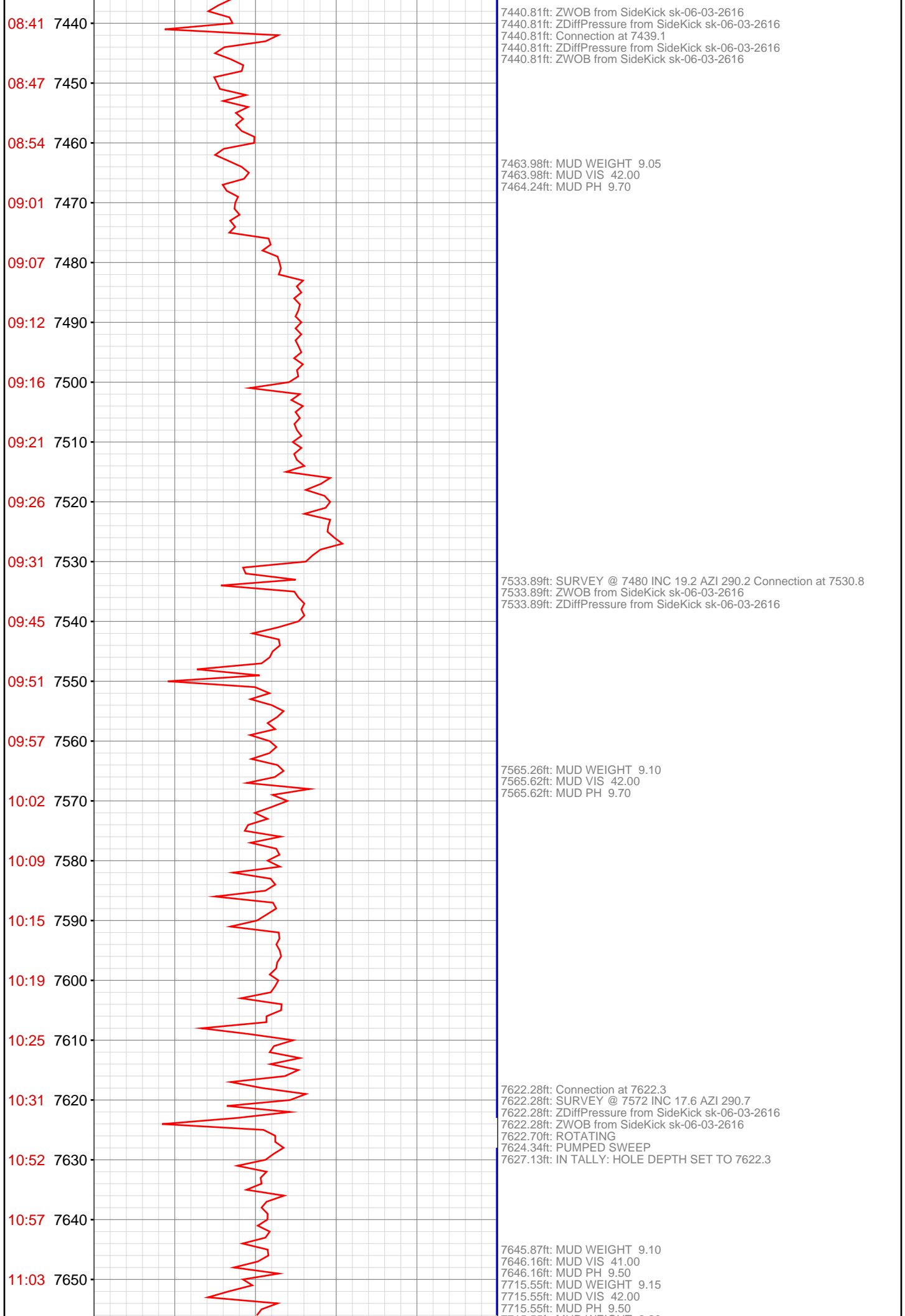
7265.35ft: TRANSFERRED 90.00  
7265.55ft: ZDIFF from DHC

7273.26ft: TRANSF COMPLETE  
7274.64ft: ZDiffPressure from SideKick sk-06-03-2616

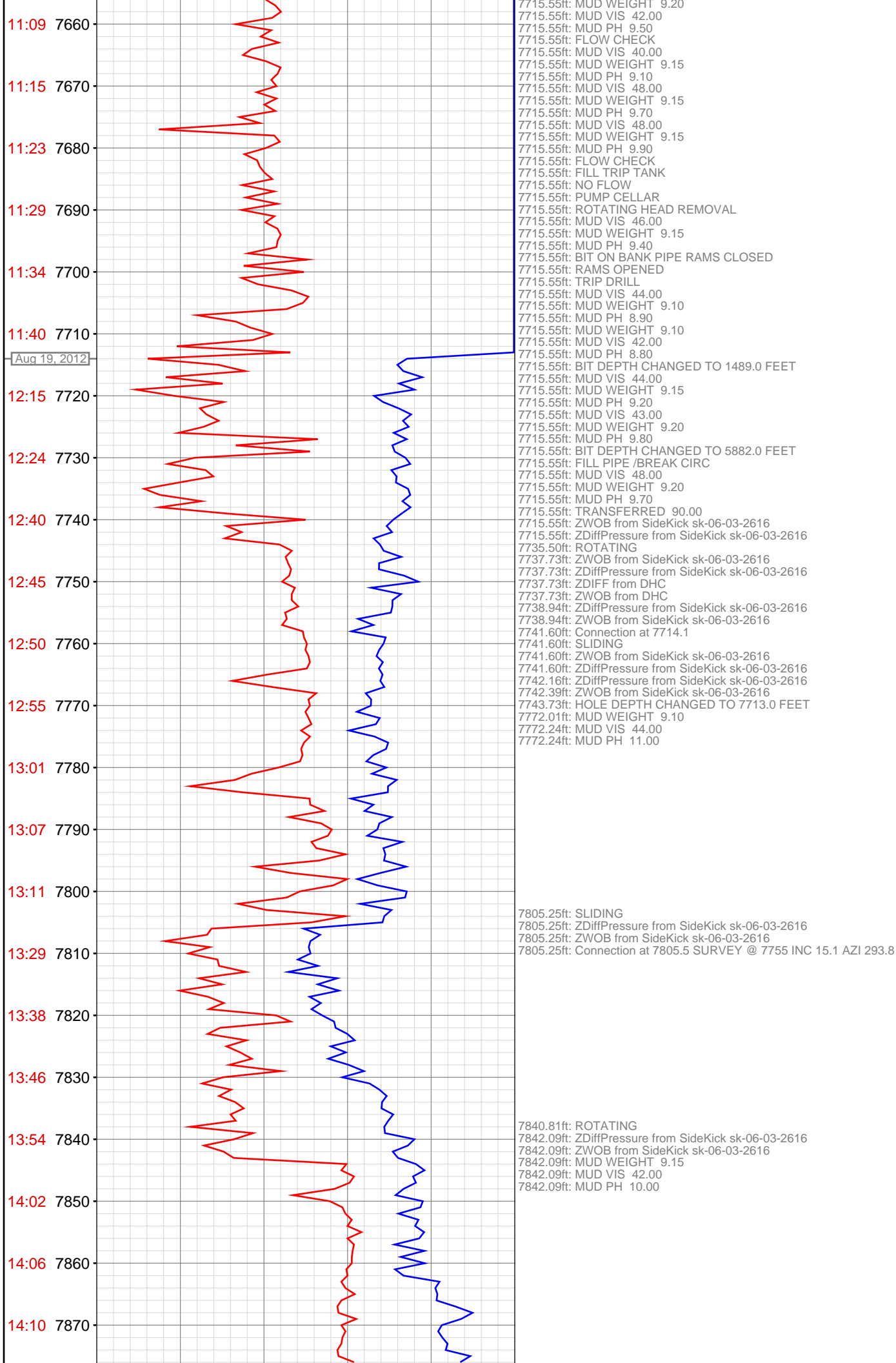
7347.47ft: MUD WEIGHT 9.15  
7347.47ft: MUD VIS 50.00  
7347.47ft: MUD PH 9.70  
7347.47ft: ZWOB from SideKick sk-06-03-2616  
7347.47ft: ZDiffPressure from SideKick sk-06-03-2616  
7347.47ft: Connection at 7347.5  
7347.47ft: SLIDING  
7347.47ft: ZDiffPressure from SideKick sk-06-03-2616  
7347.47ft: ZWOB from SideKick sk-06-03-2616  
7348.39ft: IN TALLY: HOLE DEPTH SET TO 7347.5

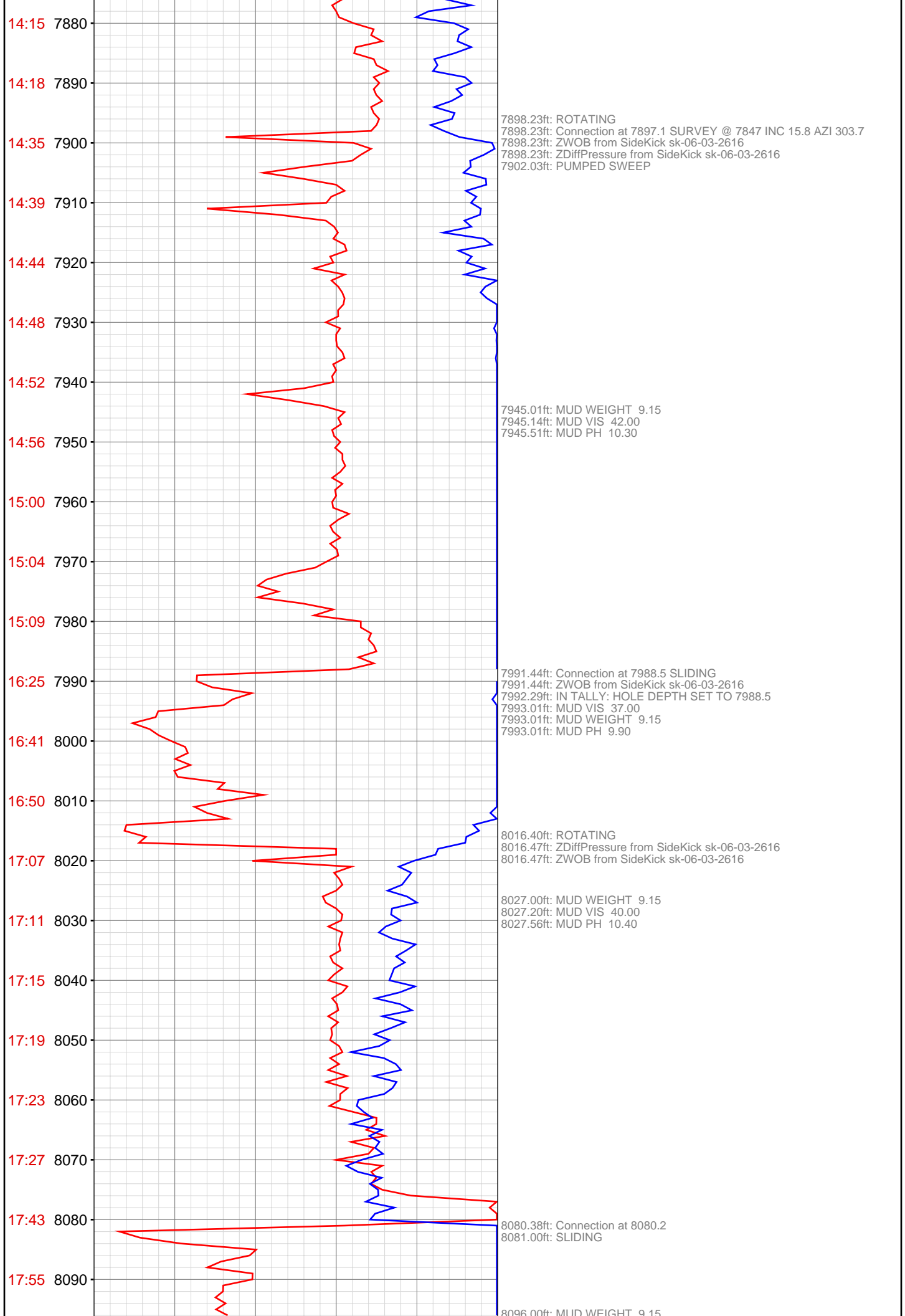
7363.22ft: MUD WEIGHT 9.10  
7363.22ft: MUD VIS 43.00  
7363.22ft: MUD PH 9.60

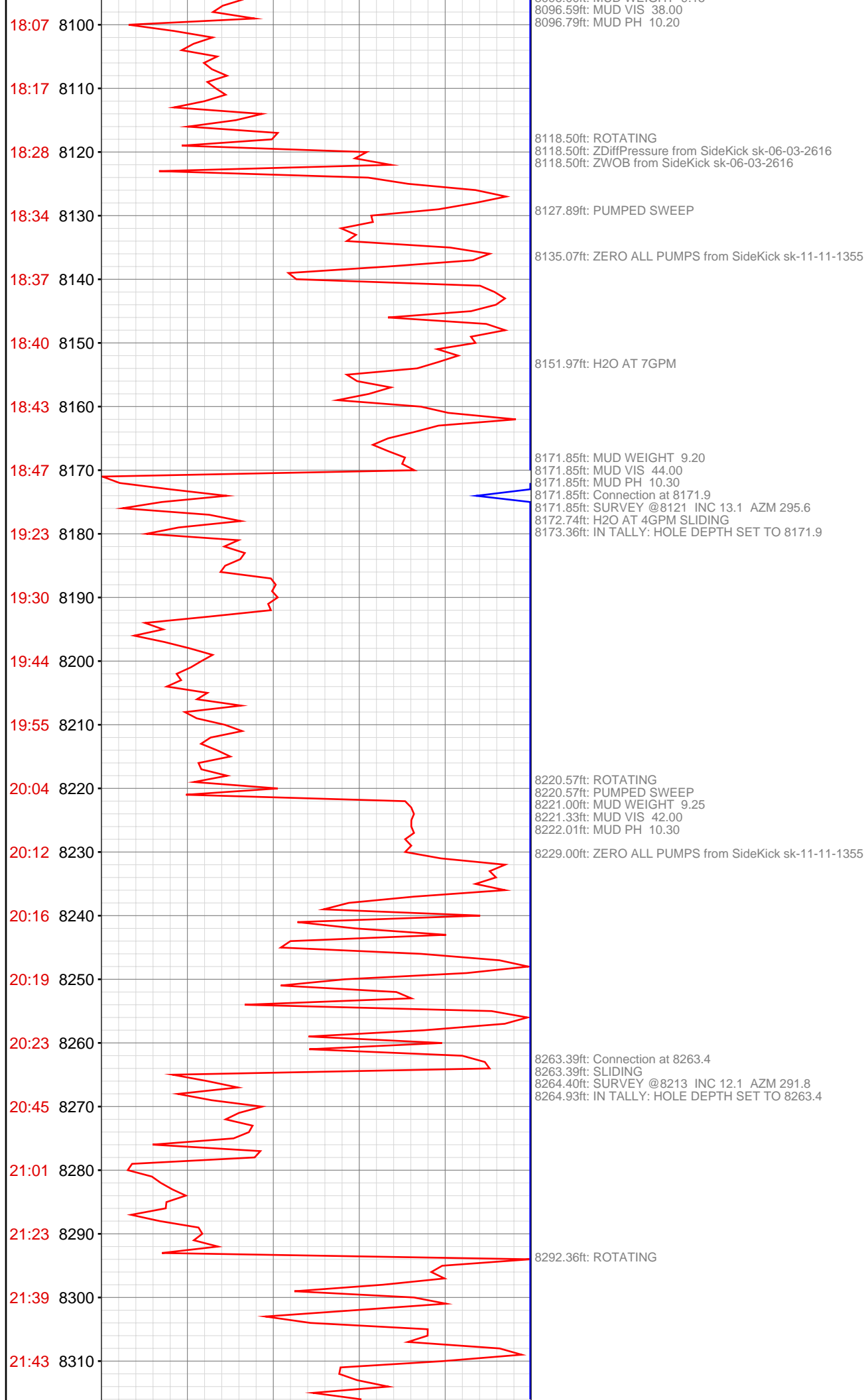
7395.41ft: ROTATING  
7396.23ft: ZWOB from SideKick sk-06-03-2616  
7396.23ft: ZDiffPressure from SideKick sk-06-03-2616  
7396.23ft: ZDiffPressure from SideKick sk-06-03-2616  
7396.23ft: ZWOB from SideKick sk-06-03-2616  
7402.03ft: MUD VIS 38.00  
7402.03ft: MUD WEIGHT 9.00  
7402.03ft: MUD PH 9.70

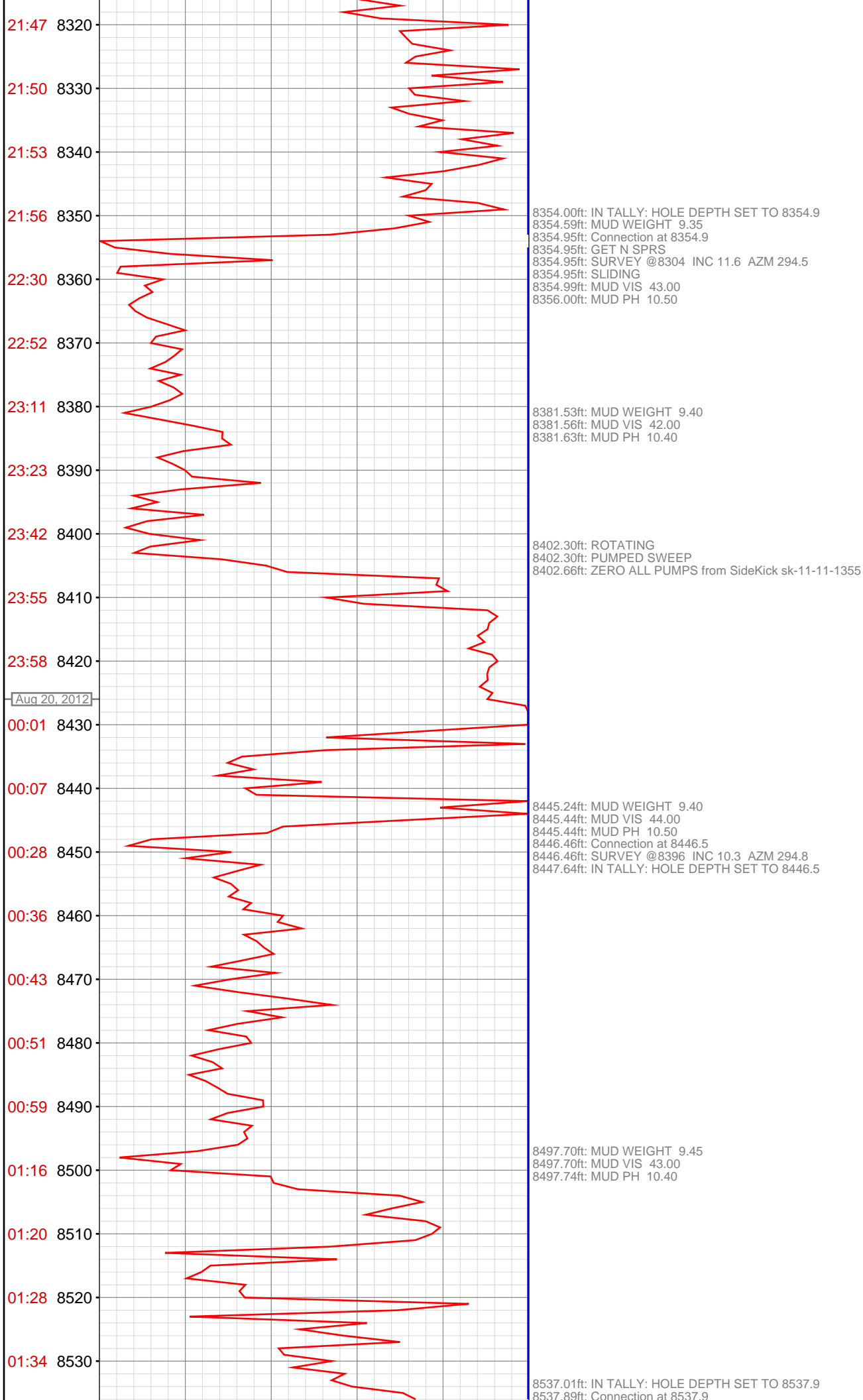


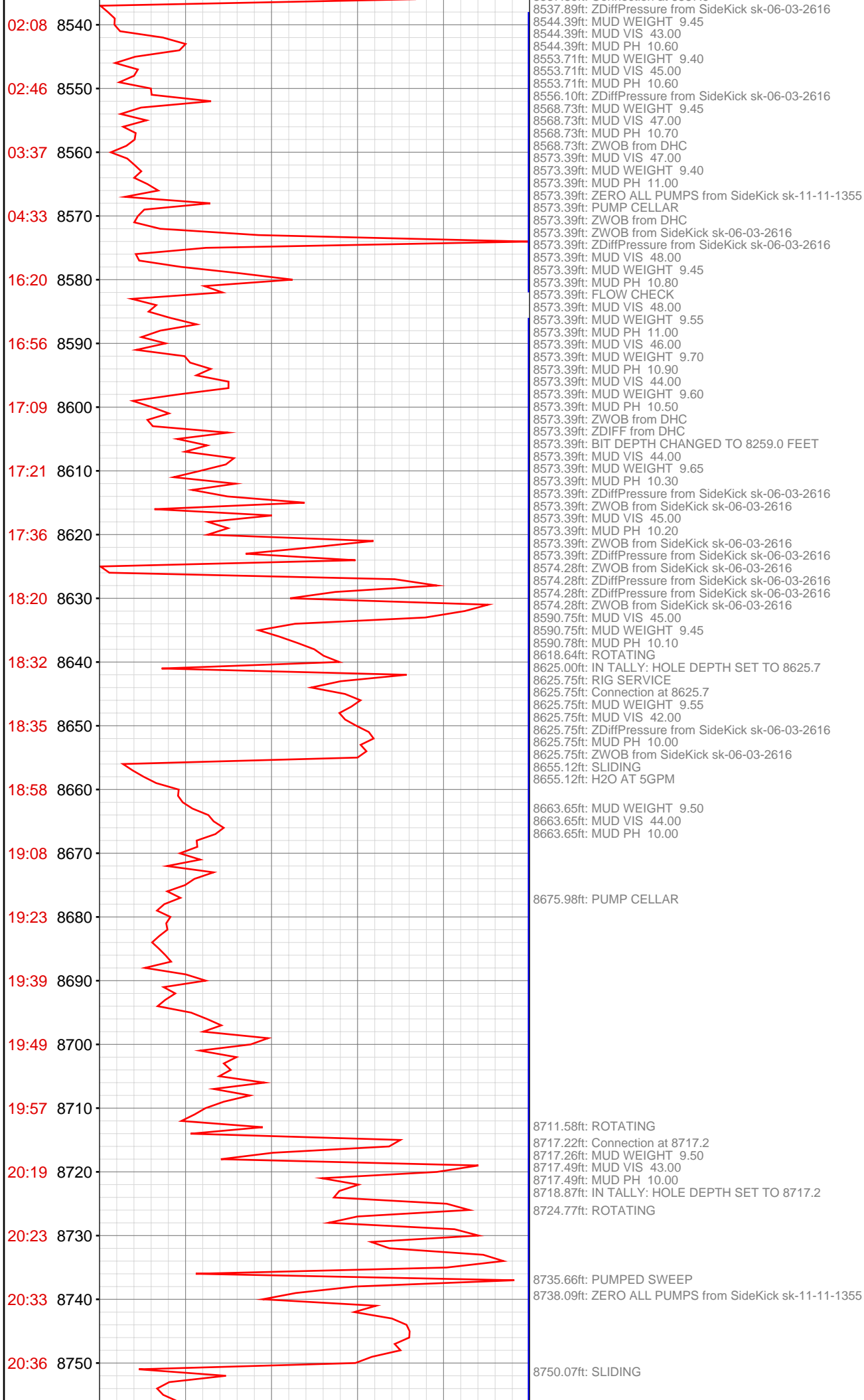












21:00 8760  
21:09 8770  
21:20 8780  
21:26 8790  
21:30 8800  
21:48 8810  
22:08 8820  
22:20 8830  
22:34 8840  
22:42 8850  
22:46 8860  
22:52 8870  
22:59 8880  
23:03 8890  
23:11 8900  
23:31 8910  
23:35 8920  
23:40 8930  
23:44 8940  
23:50 8950  
23:56 8960  
Aug 21, 2012  
00:01 8970

8764.21ft: MUD WEIGHT 9.55  
8764.21ft: MUD VIS 45.00  
8764.40ft: MUD PH 10.30

8808.01ft: IN TALLY: HOLE DEPTH SET TO 8808.8  
8808.79ft: Connection at 8808.8  
8809.09ft: SURVEY @ 8758 inc 1.5 azi 331.6 SLIDING  
8812.40ft: MUD WEIGHT 9.55  
8812.40ft: MUD VIS 45.00  
8812.43ft: MUD PH 10.20

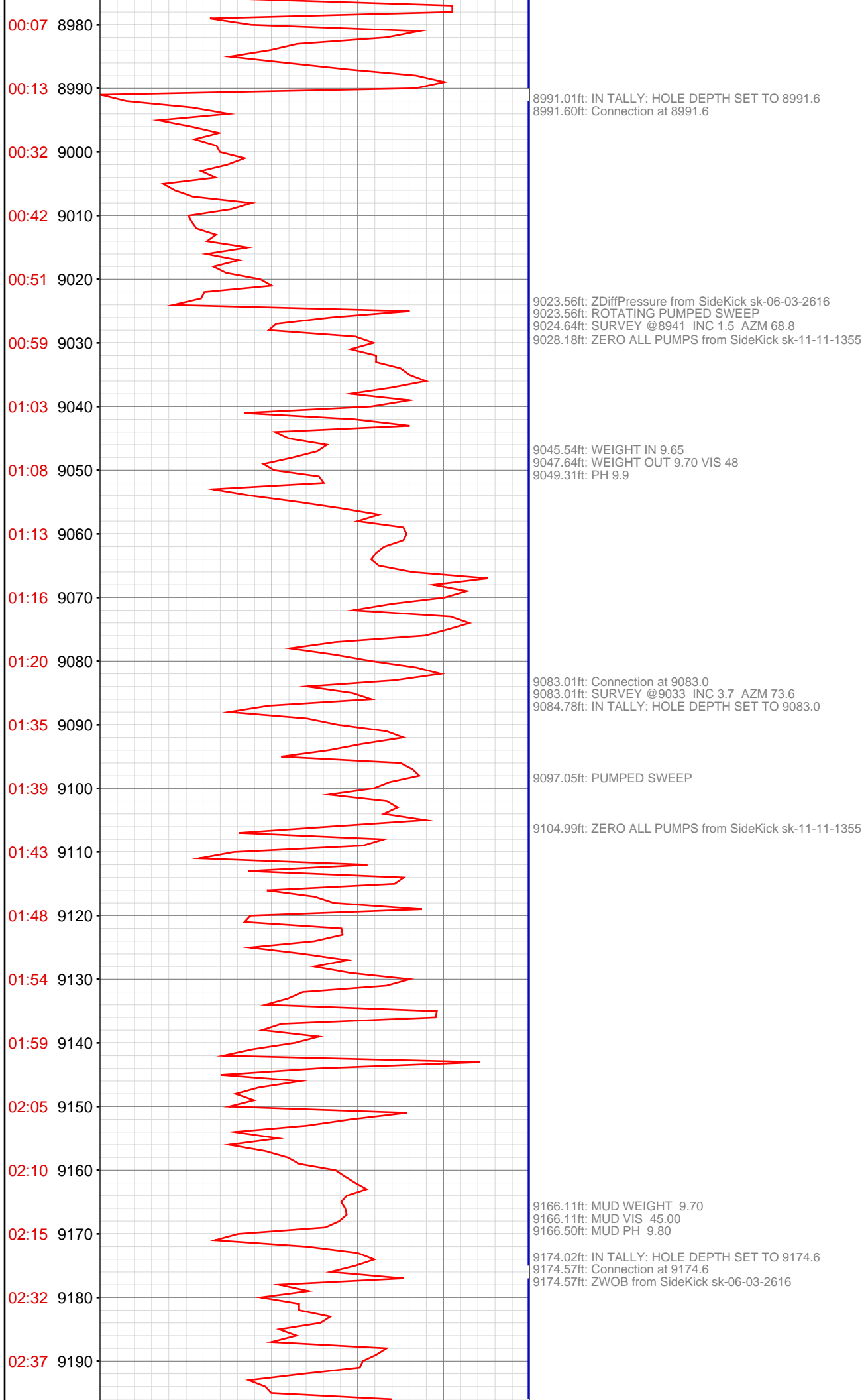
8846.62ft: PUMPED SWEEP

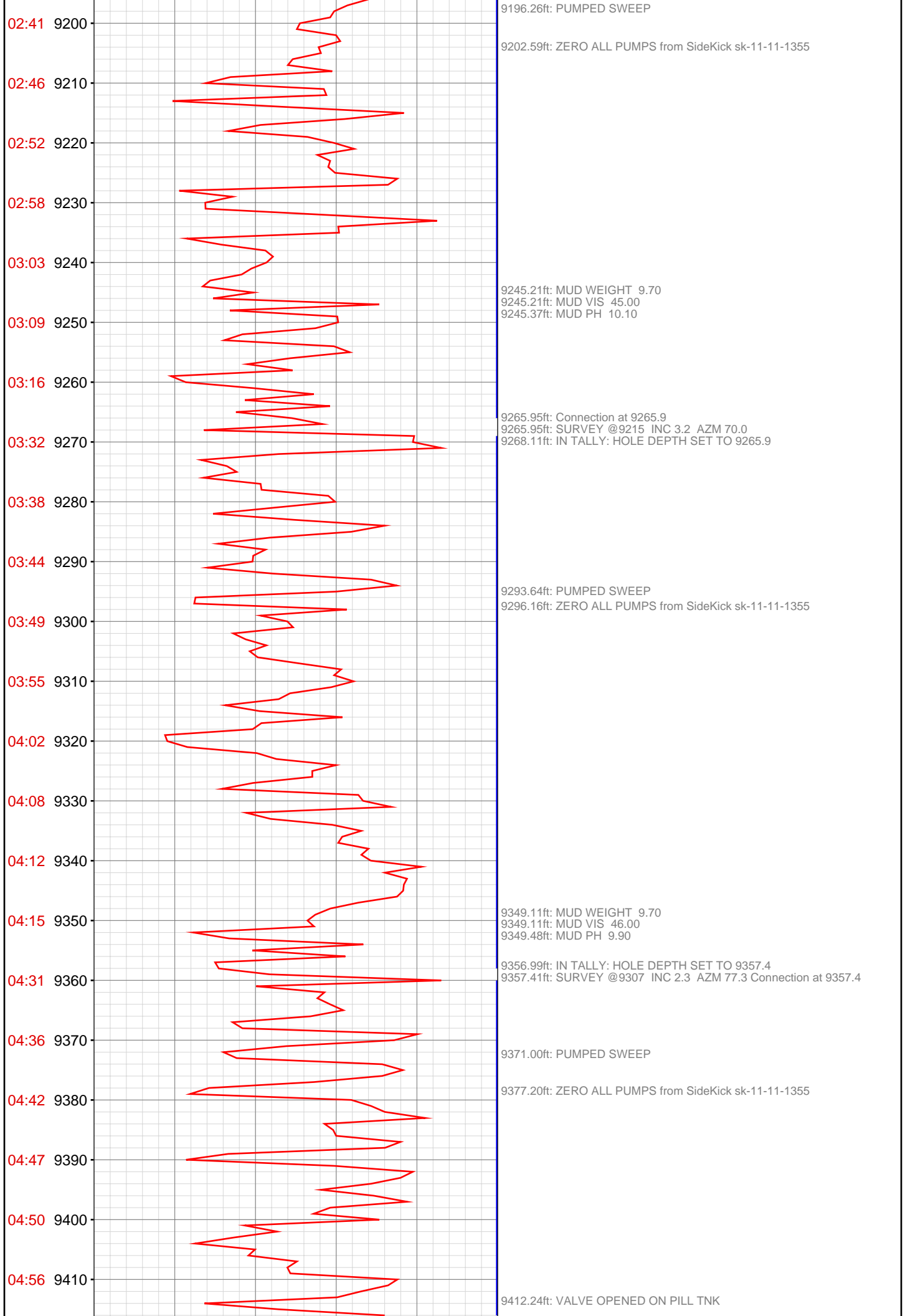
8854.99ft: ZERO ALL PUMPS from SideKick sk-11-11-1355

8877.89ft: MUD WEIGHT 9.55  
8877.99ft: MUD VIS 46.00  
8878.22ft: MUD PH 10.20

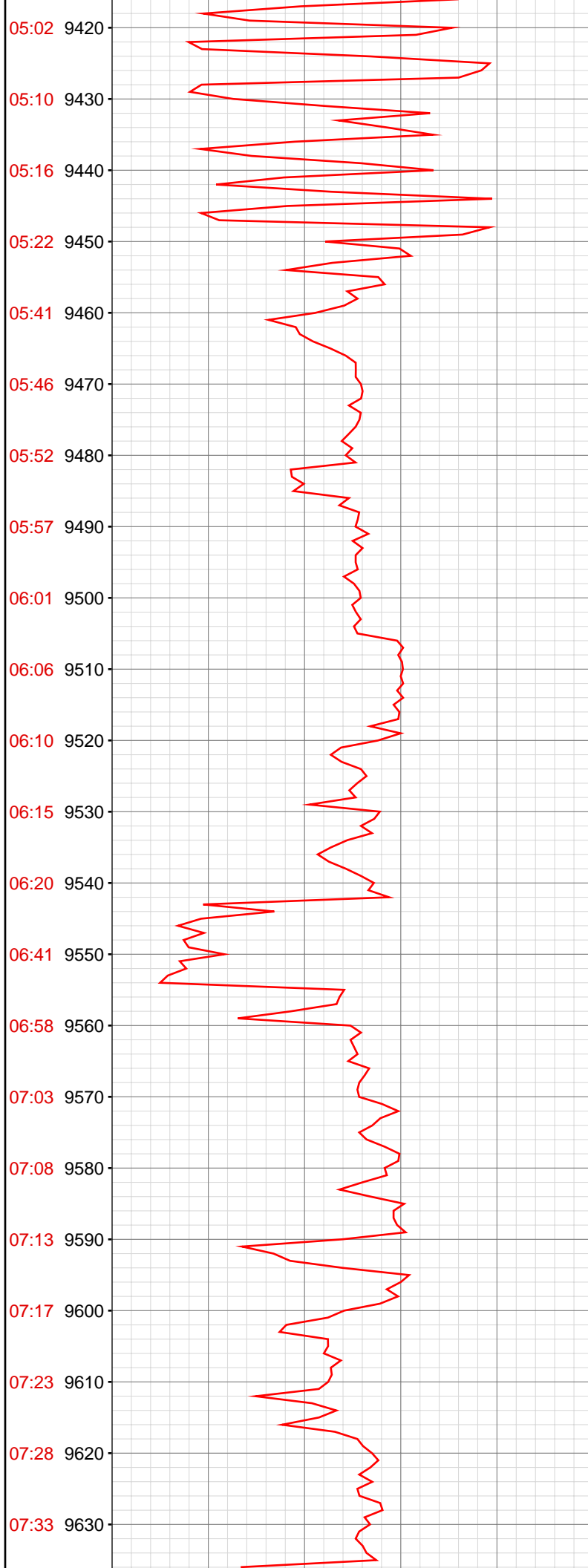
8900.26ft: Connection at 8900.3  
8900.26ft: ZDiffPressure from SideKick sk-06-03-2616  
8902.13ft: IN TALLY: HOLE DEPTH SET TO 8900.3

8952.00ft: MUD VIS 47.00  
8952.53ft: MUD WEIGHT 9.60  
8953.12ft: MUD PH 9.80









9445.77ft: MUD WEIGHT 9.75  
9445.90ft: MUD VIS 46.00  
9445.90ft: MUD PH 9.90  
9449.11ft: Connection at 9449.1  
9449.11ft: SURVEY @9399 INC 2.1 AZM 71.2  
9450.36ft: IN TALLY: HOLE DEPTH SET TO 9449.1

9492.26ft: MUD VIS 46.00  
9492.62ft: MUD WEIGHT 9.80  
9492.62ft: MUD PH 9.70

9542.32ft: SURVEY @9490 INC 2.0 AZM 70.0  
9542.32ft: Connection at 9540.5

9553.97ft: ZDiffPressure from SideKick sk-06-03-2616  
9553.97ft: ZWOB from SideKick sk-06-03-2616

9582.15ft: MUD WEIGHT 9.80  
9582.15ft: MUD VIS 46.00  
9582.45ft: MUD PH 9.60

9635.56ft: ZWOB from SideKick sk-06-03-2616  
9635.56ft: ZDiffPressure from SideKick sk-06-03-2616  
9635.56ft: SURVEY @9582 INC 0.8 AZM 59.9

9635.56ft: Connection at 9632.2  
9635.56ft: ZDiffPressure from SideKick sk-06-03-2616  
9638.03ft: PUMPED SWEEP

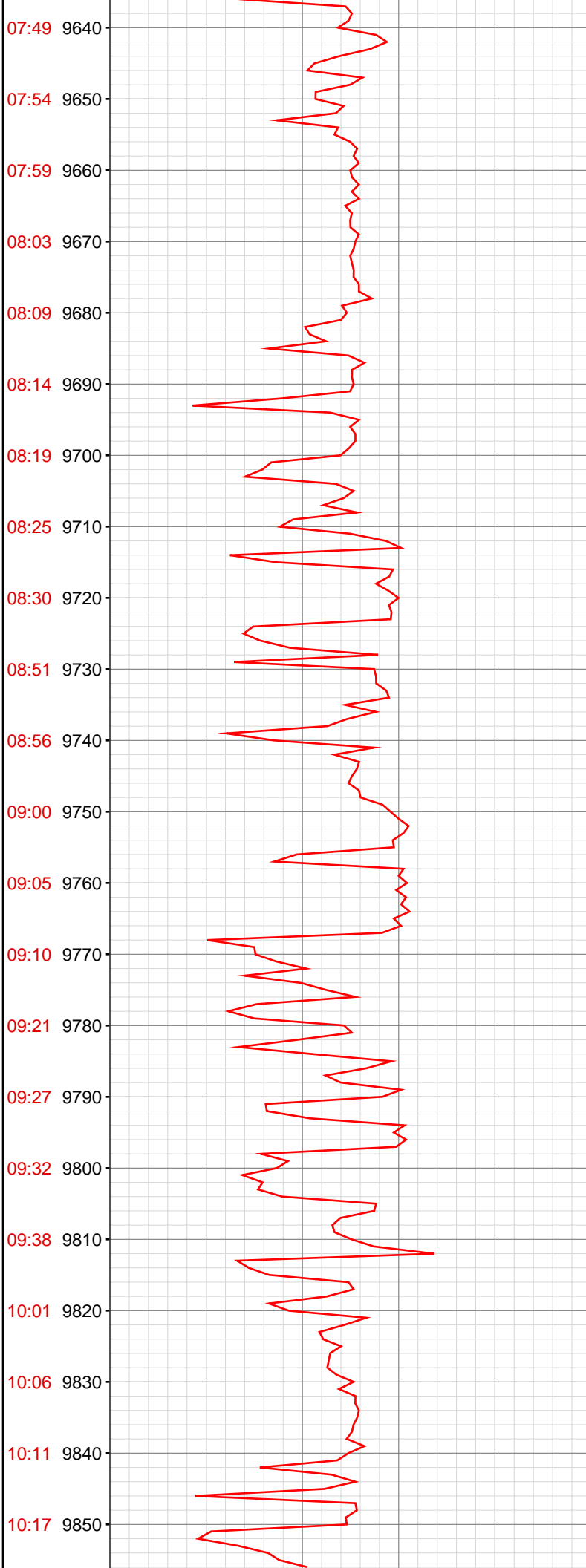
9660.99ft: MUD WEIGHT 9.85  
9661.25ft: MUD VIS 46.00  
9661.61ft: MUD PH 9.50

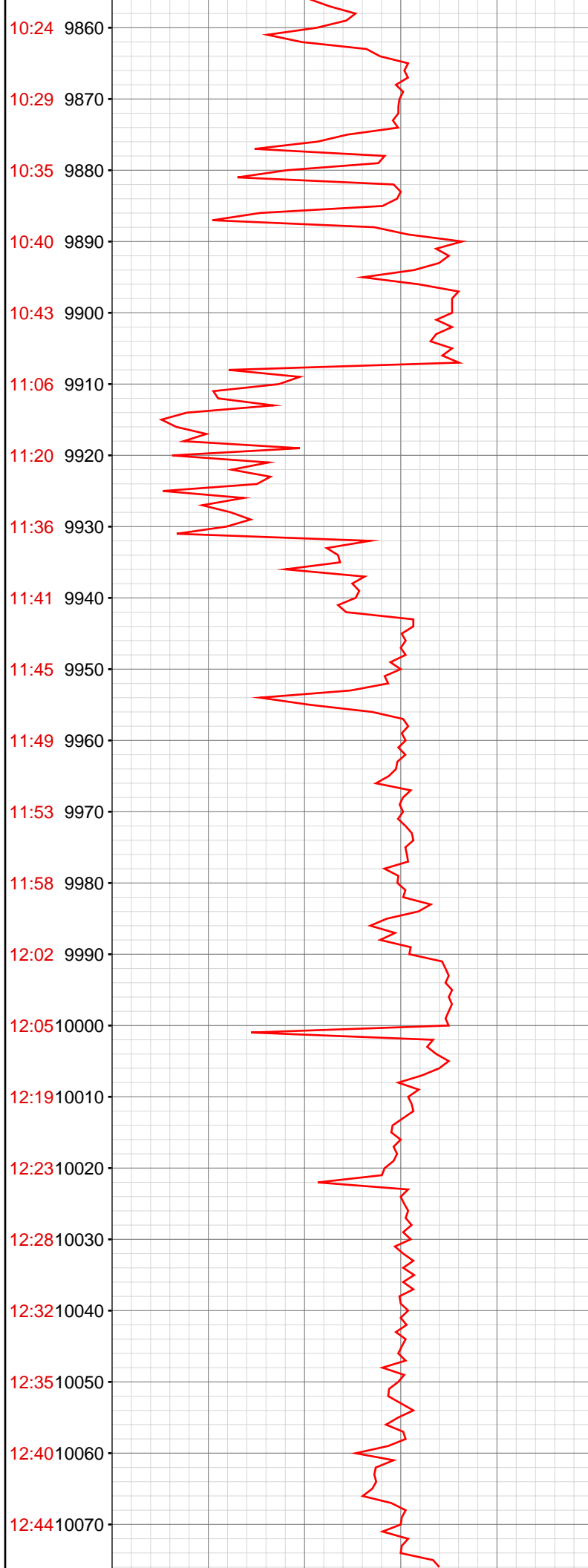
9729.00ft: Connection at 9723.7  
9729.00ft: SURVEY @ 9673 INC 1.1 AZI 64.2  
9729.00ft: ZDiffPressure from SideKick sk-06-03-2616  
9729.00ft: ZWOB from SideKick sk-06-03-2616

9738.03ft: MUD WEIGHT 9.85  
9738.19ft: MUD VIS 46.00  
9738.35ft: MUD PH 9.30

9776.41ft: IN TALLY: HOLE DEPTH SET TO 9769.5

9814.86ft: Connection at 9815.4 SURVEY @ 9765 INC 1.0 AZI 2.6  
9814.86ft: ROTATING  
9814.86ft: ZWOB from SideKick sk-06-03-2616  
9814.86ft: ZDiffPressure from SideKick sk-06-03-2616  
9817.00ft: MUD WEIGHT 9.90  
9817.13ft: MUD VIS 45.00  
9817.49ft: MUD PH 9.10  
9818.01ft: PUMPED SWEEP





9907.55ft: MUD WEIGHT 9.90  
9907.55ft: MUD VIS 46.00  
9907.55ft: MUD PH 9.50  
9907.55ft: Connection at 9906.8  
9907.55ft: ZDiffPressure from SideKick sk-06-03-2616  
9907.55ft: ZWOB from SideKick sk-06-03-2616  
9907.55ft: ZDiffPressure from SideKick sk-06-03-2616  
9907.55ft: ZWOB from SideKick sk-06-03-2616  
9907.55ft: SLIDING

9930.81ft: ZWOB from SideKick sk-06-03-2616  
9930.81ft: ZDiffPressure from SideKick sk-06-03-2616

9990.39ft: MUD WEIGHT 9.95  
9991.01ft: MUD VIS 44.00  
9991.31ft: MUD PH 9.30  
10000.46ft: ZDiffPressure from SideKick sk-06-03-2616  
10000.46ft: ZWOB from SideKick sk-06-03-2616  
10000.46ft: Connection at 9998.4  
10000.46ft: ZWOB from SideKick sk-06-03-2616  
10000.46ft: ZDiffPressure from SideKick sk-06-03-2616  
10000.46ft: ZDiffPressure from SideKick sk-06-03-2616  
10000.46ft: ZWOB from SideKick sk-06-03-2616

