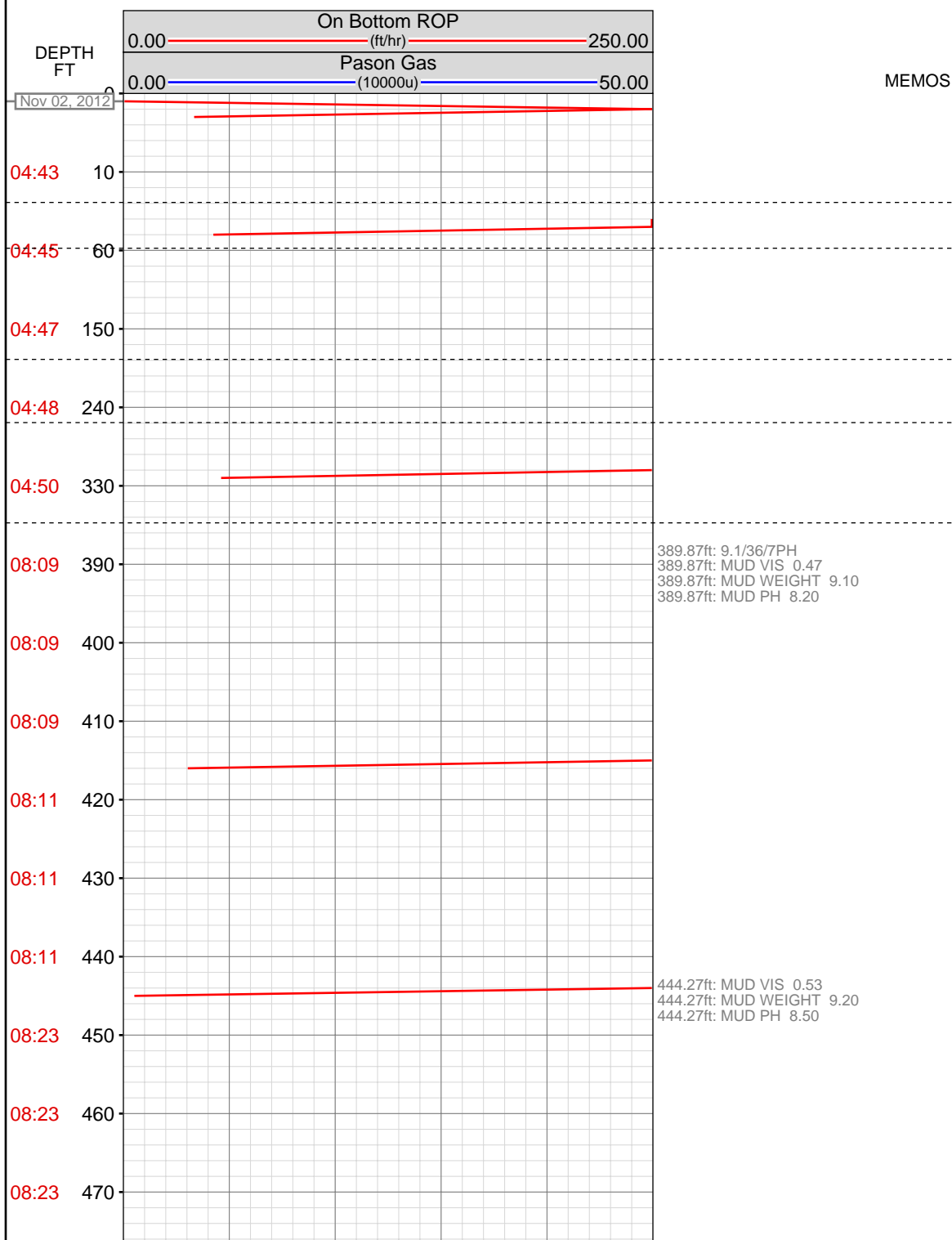


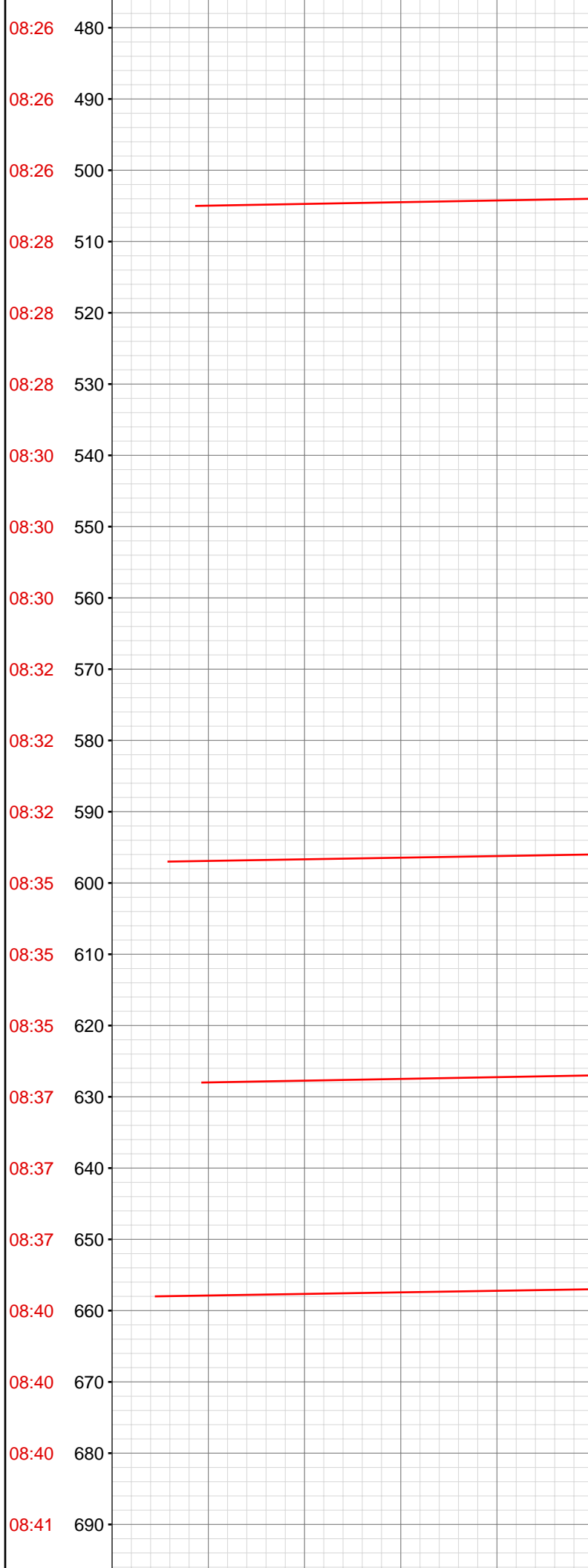
# DataHub EDR Log

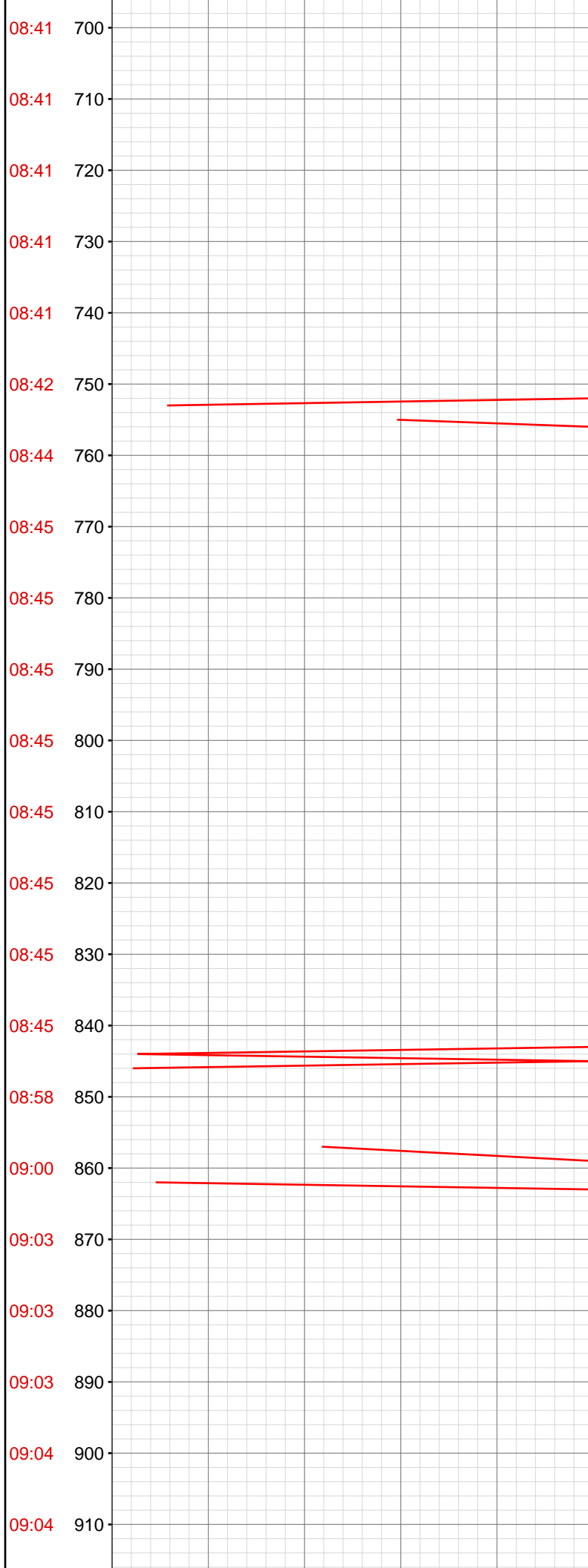
Wed Nov 21, 2012 16:00:39  
Well Dossier 1351830169  
Greg Veregin

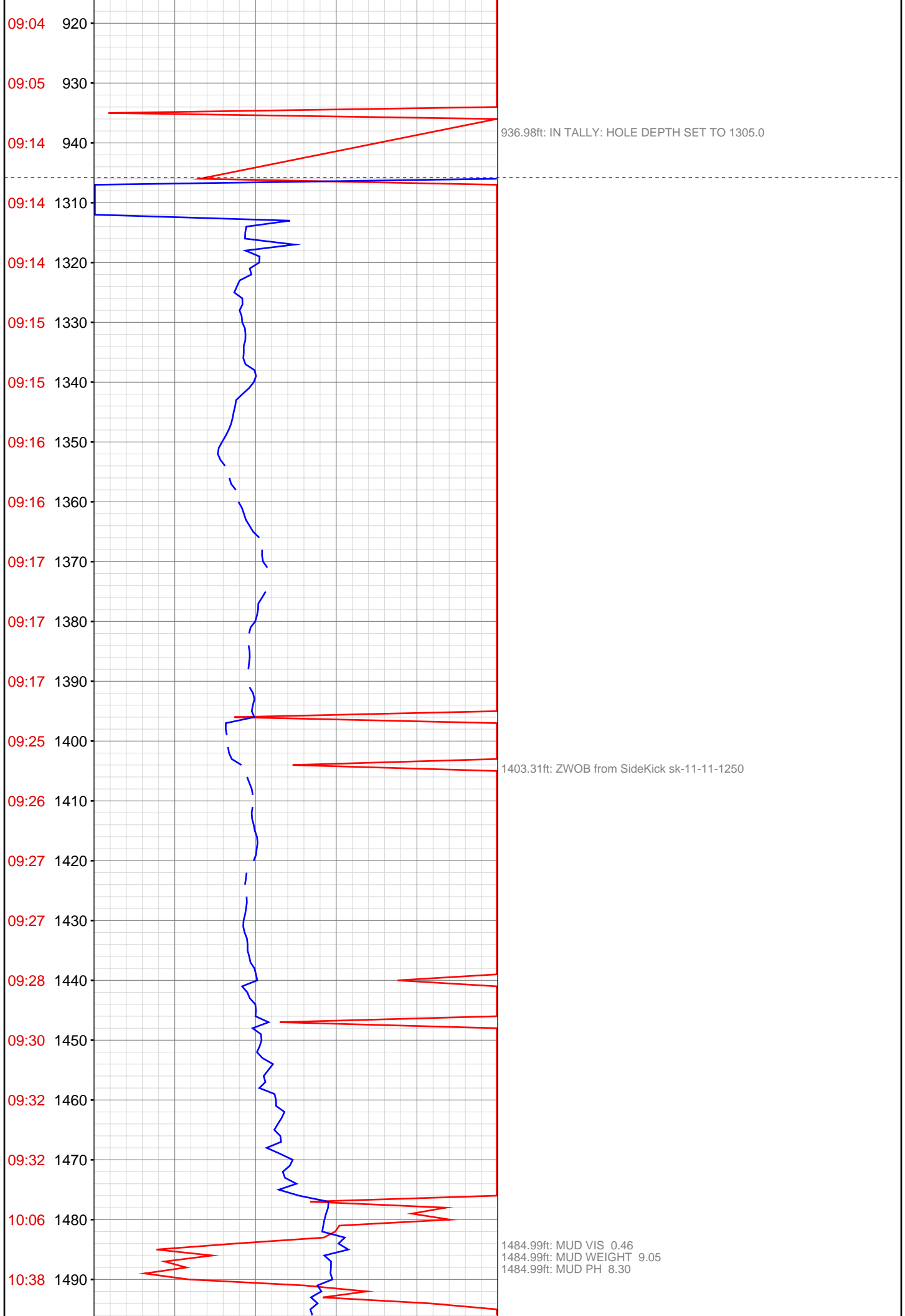
**OPERATOR:** EnCana Oil & Gas (USA), Inc.  
**WELL:** SHIDELER FEE 31-5CC  
**FIELD:**  
**LOCATION:** NE SW SEC 31, T007S, R92W  
**COUNTRY:** USA  
**RIG:** Pat-UTI 303

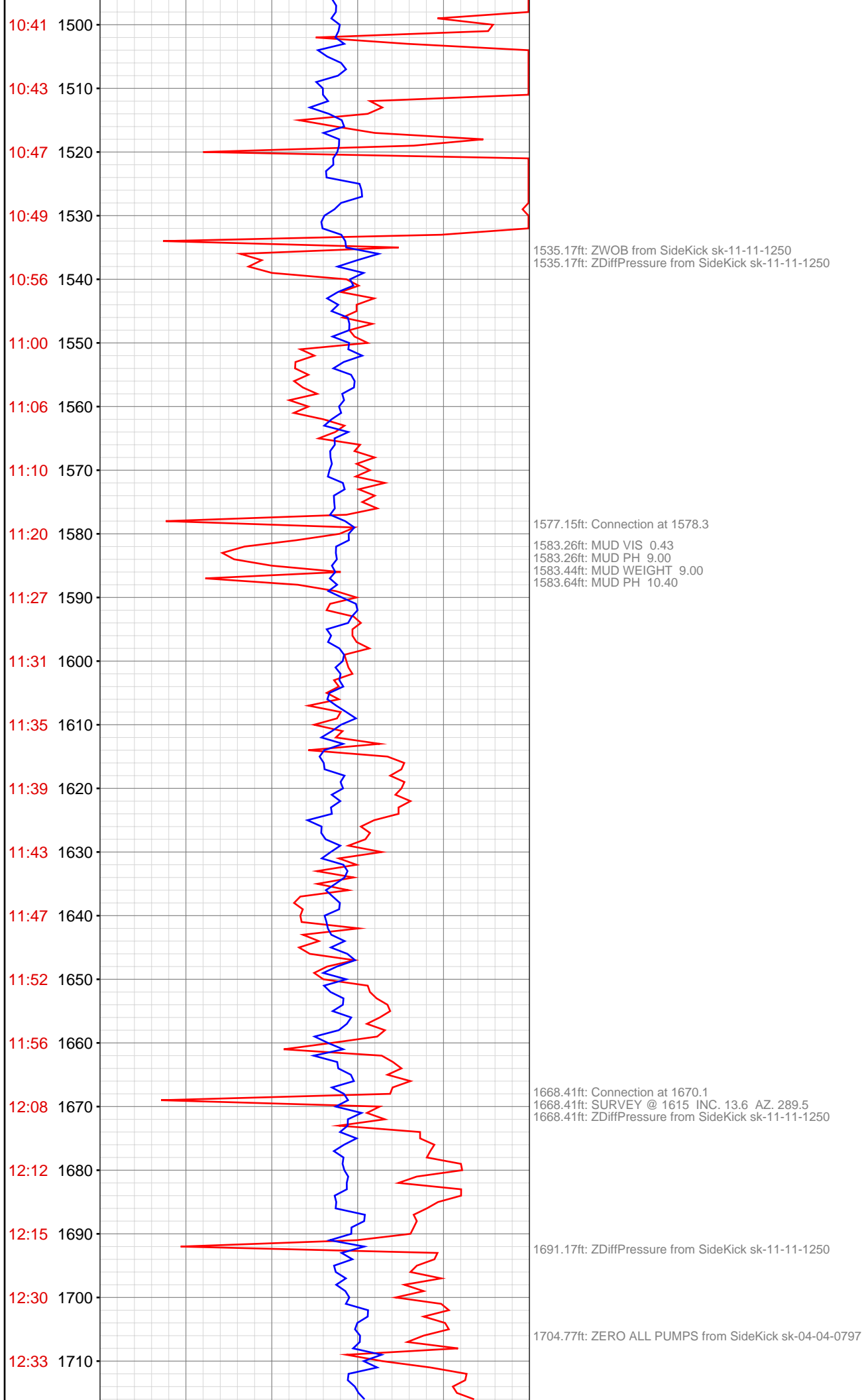
**CONTRACTOR:** Patterson-UTI Drilling Company  
**UNIQUE WELL ID:** 05-045-21617-00  
**SPUD DATE:** Nov 02, 2012 11:00  
**RELEASE DATE:** Nov 08, 2012 06:00

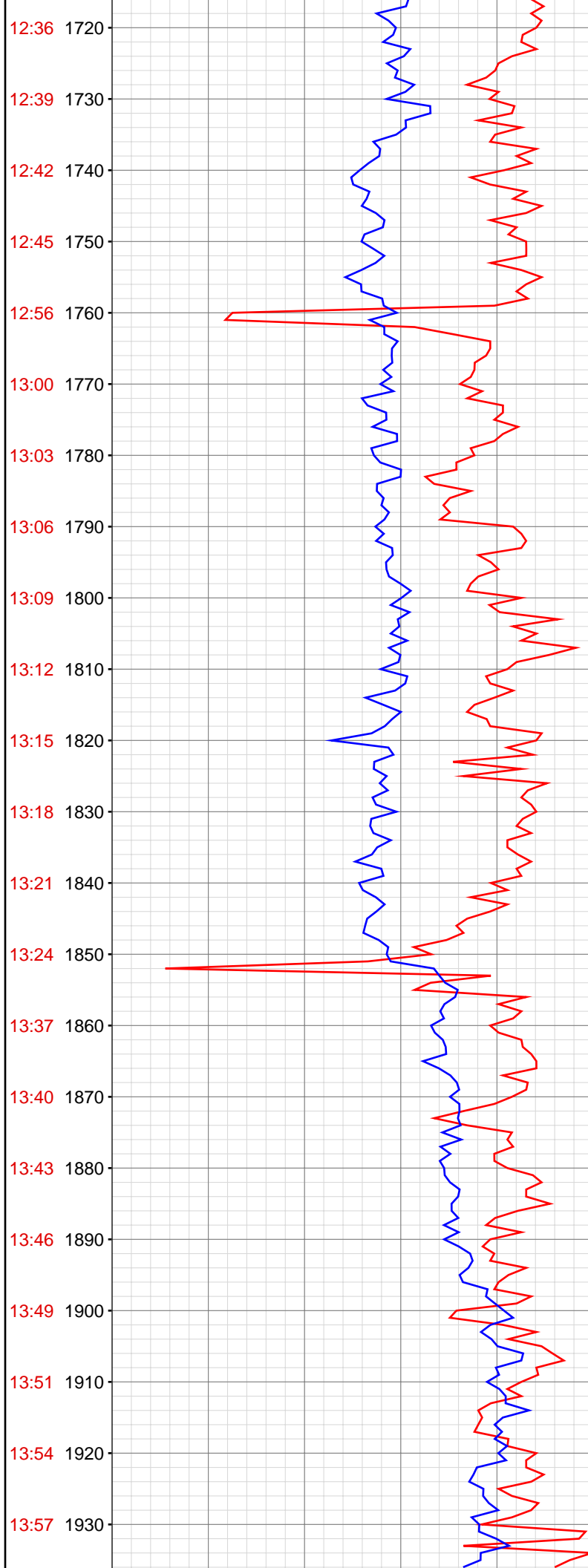








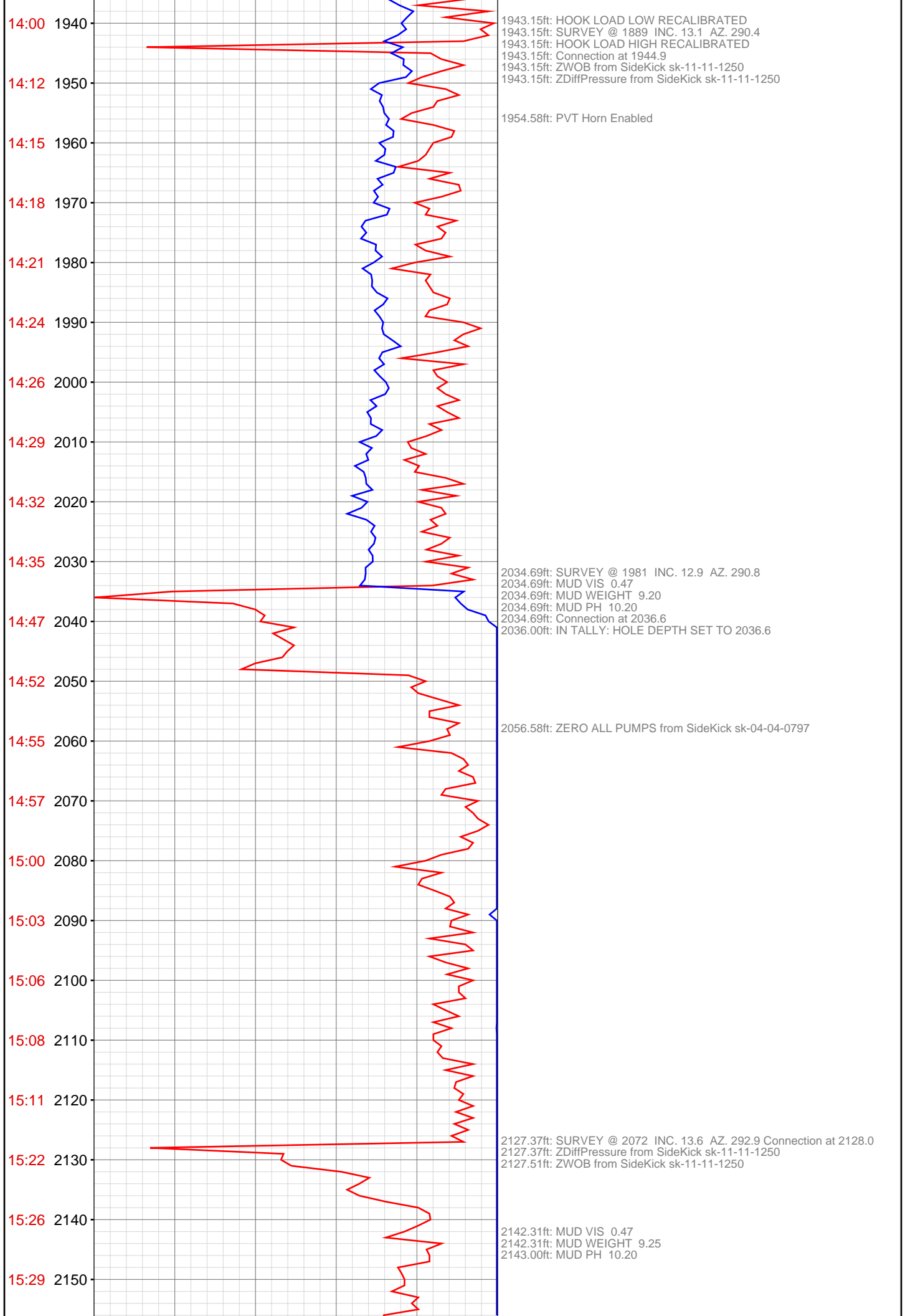


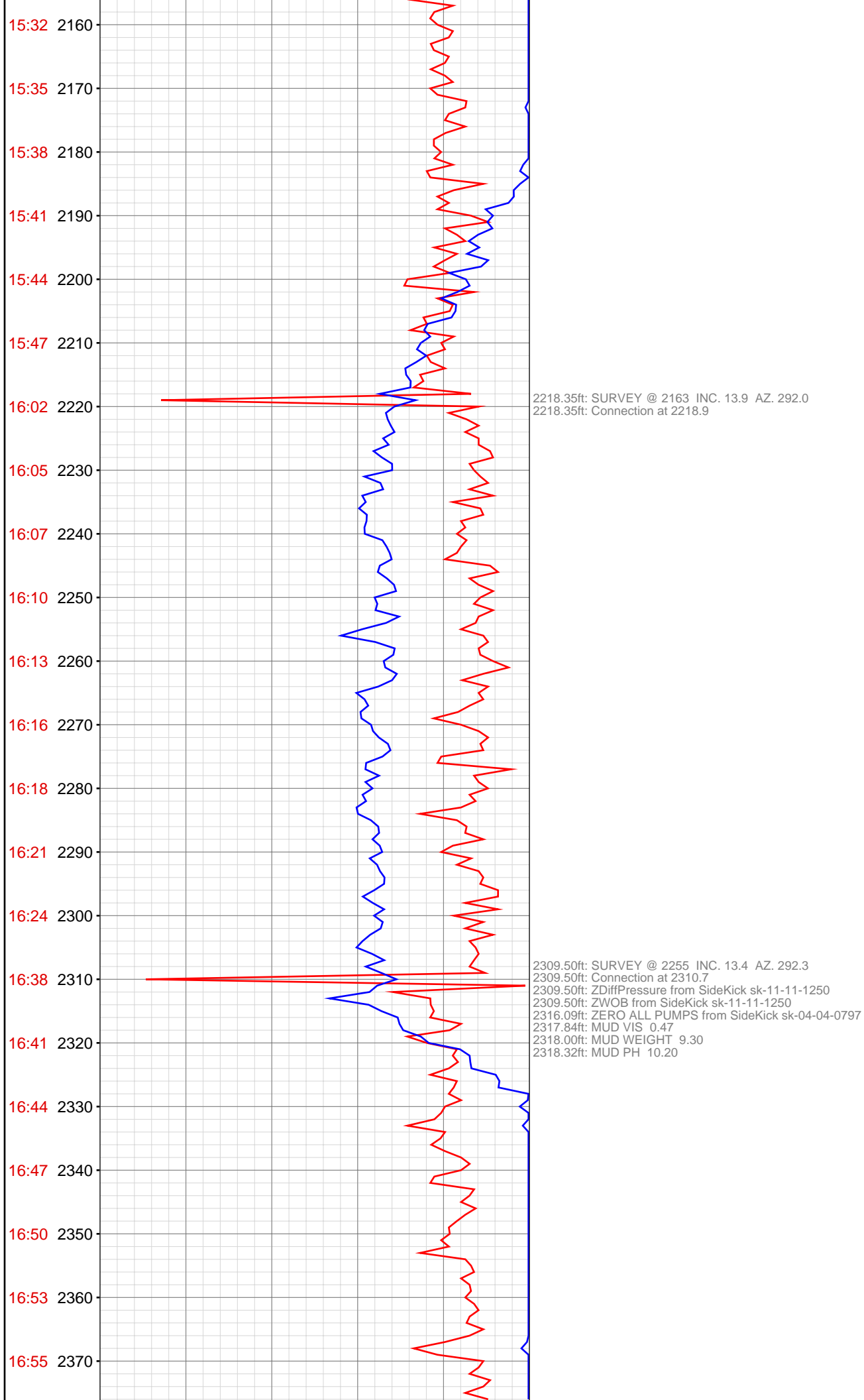


1721.40ft: MUD VIS 0.46  
1721.40ft: MUD WEIGHT 9.15  
1721.98ft: MUD PH 10.50

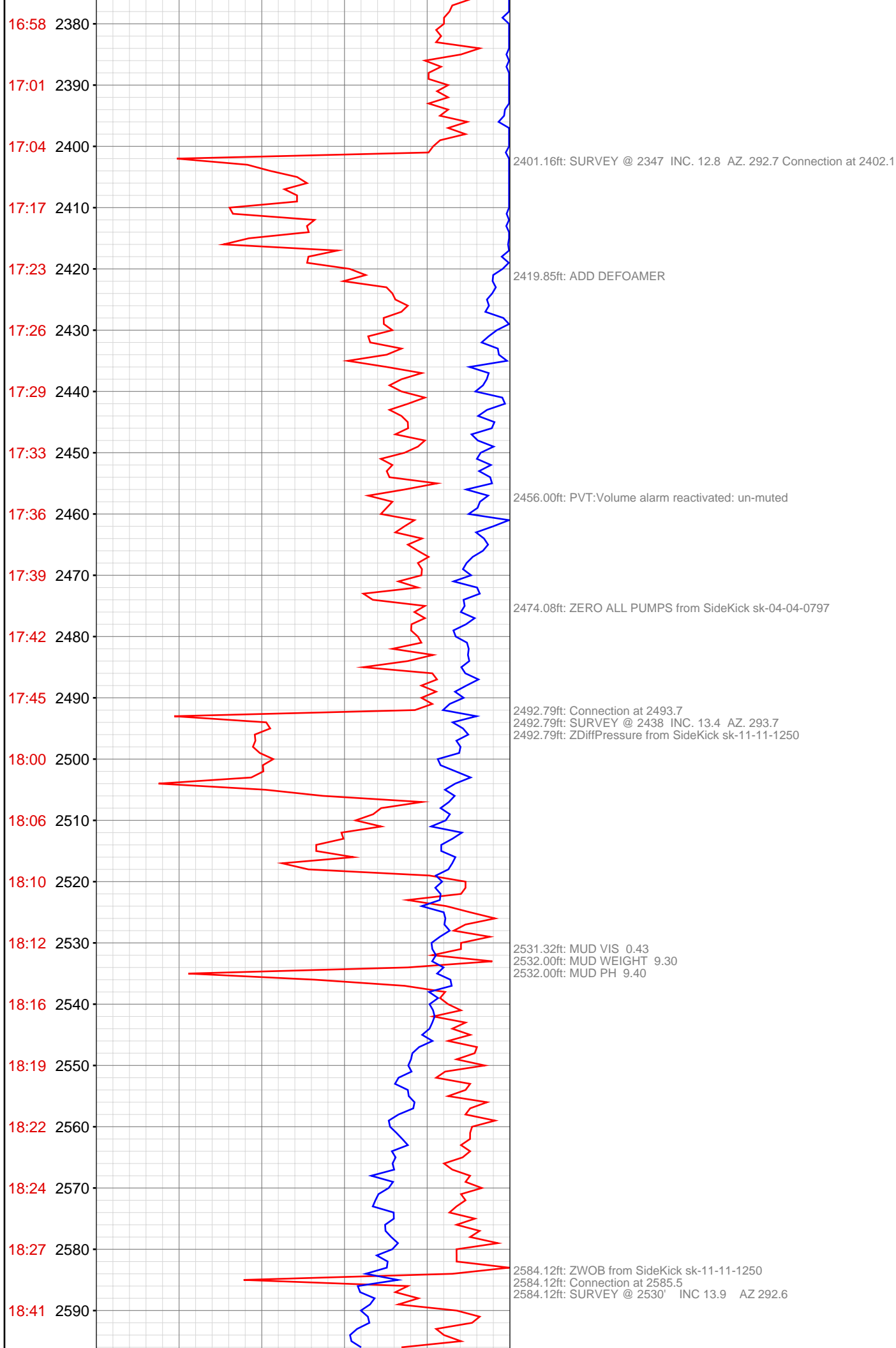
1759.91ft: SURVEY @ 1706 INC. 13.1 AZ. 290.4  
1759.91ft: Connection at 1761.8  
1759.91ft: ZWOB from SideKick sk-11-11-1250

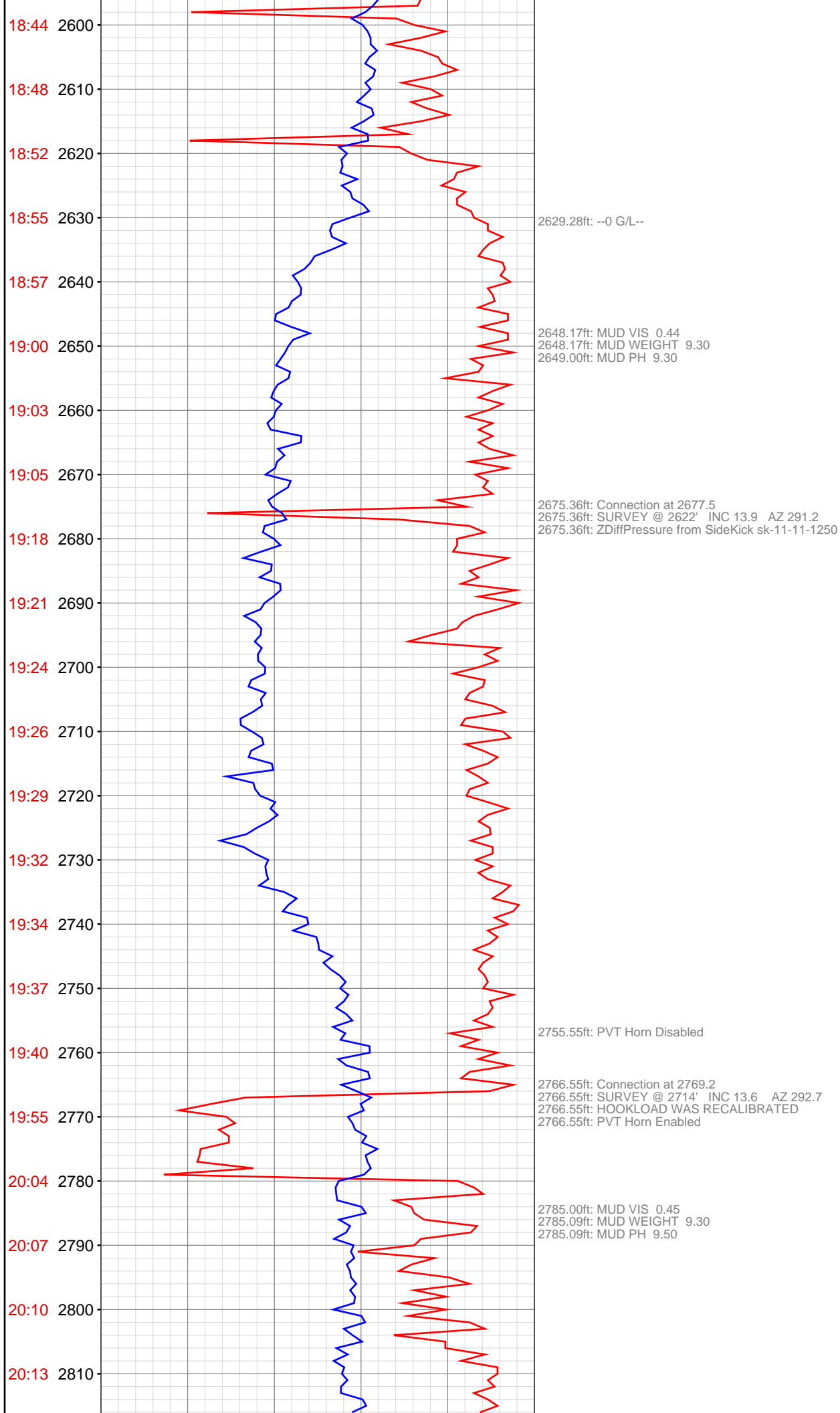
1851.61ft: SURVEY @ 1798 INC. 13.2 AZ. 291.0  
1852.19ft: MUD VIS 0.46  
1852.70ft: MUD WEIGHT 9.20  
1853.22ft: MUD PH 10.50  
1855.67ft: 5GPM/WATER  
1857.90ft: ZERO ALL PUMPS from SideKick sk-04-04-0797

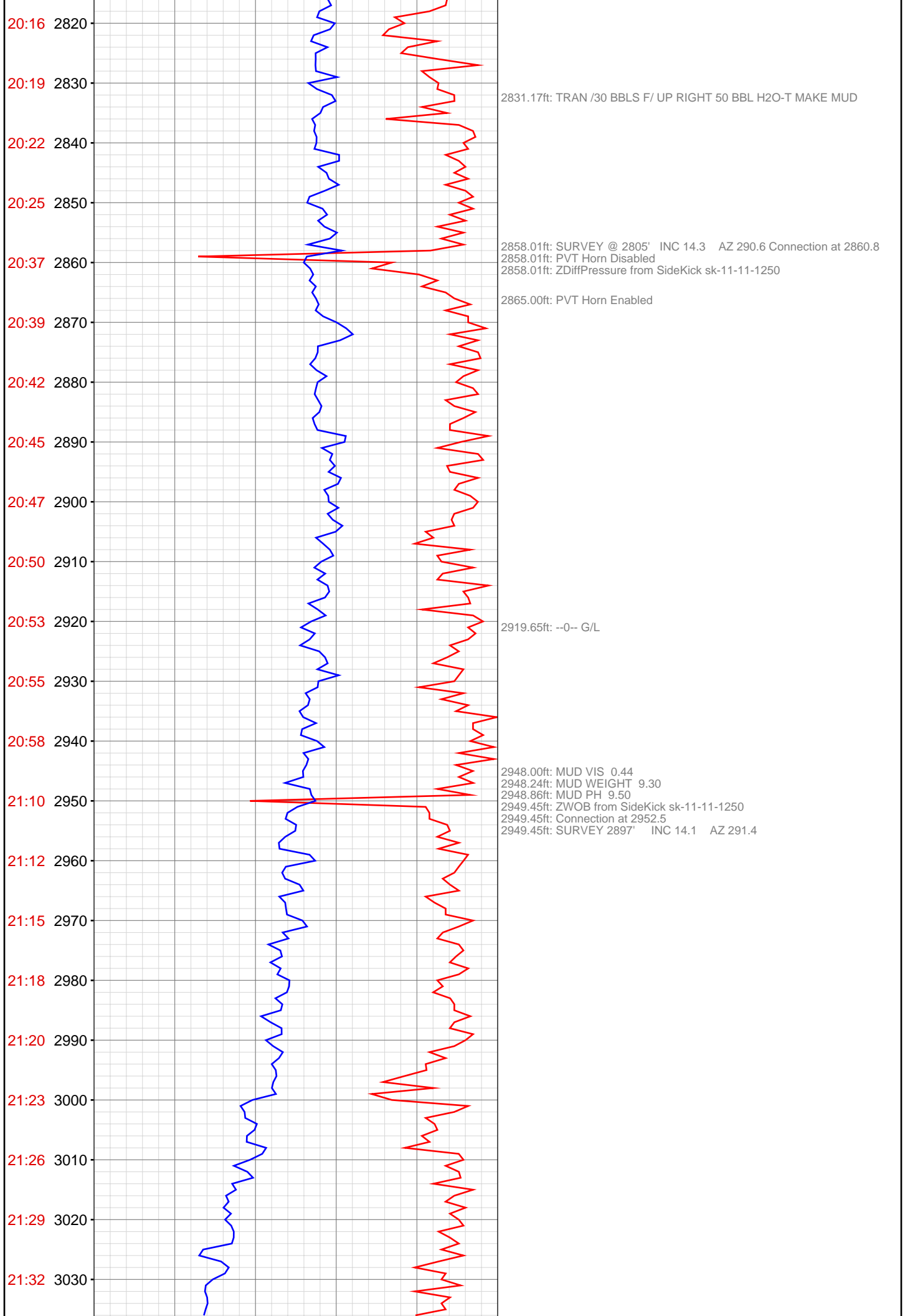


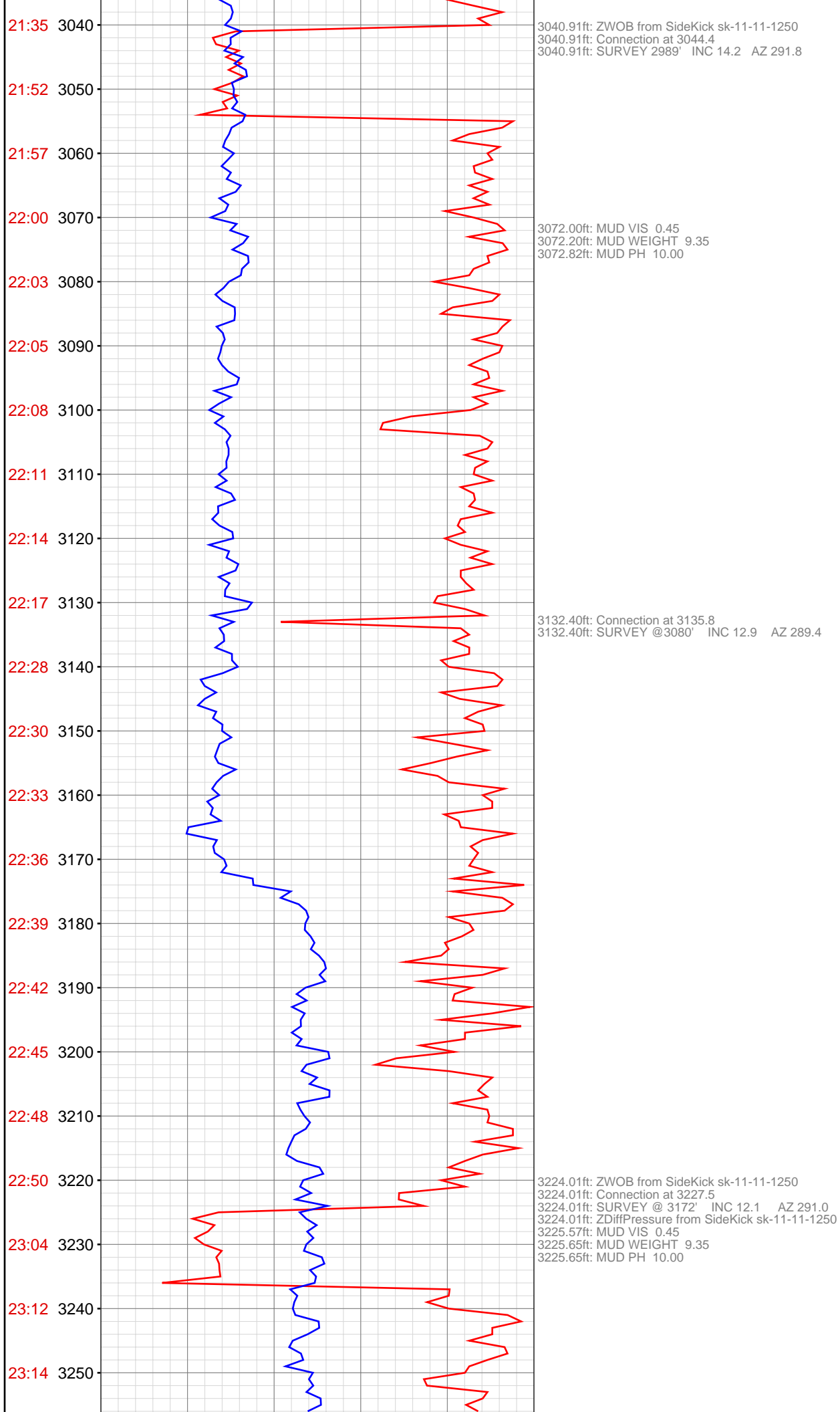


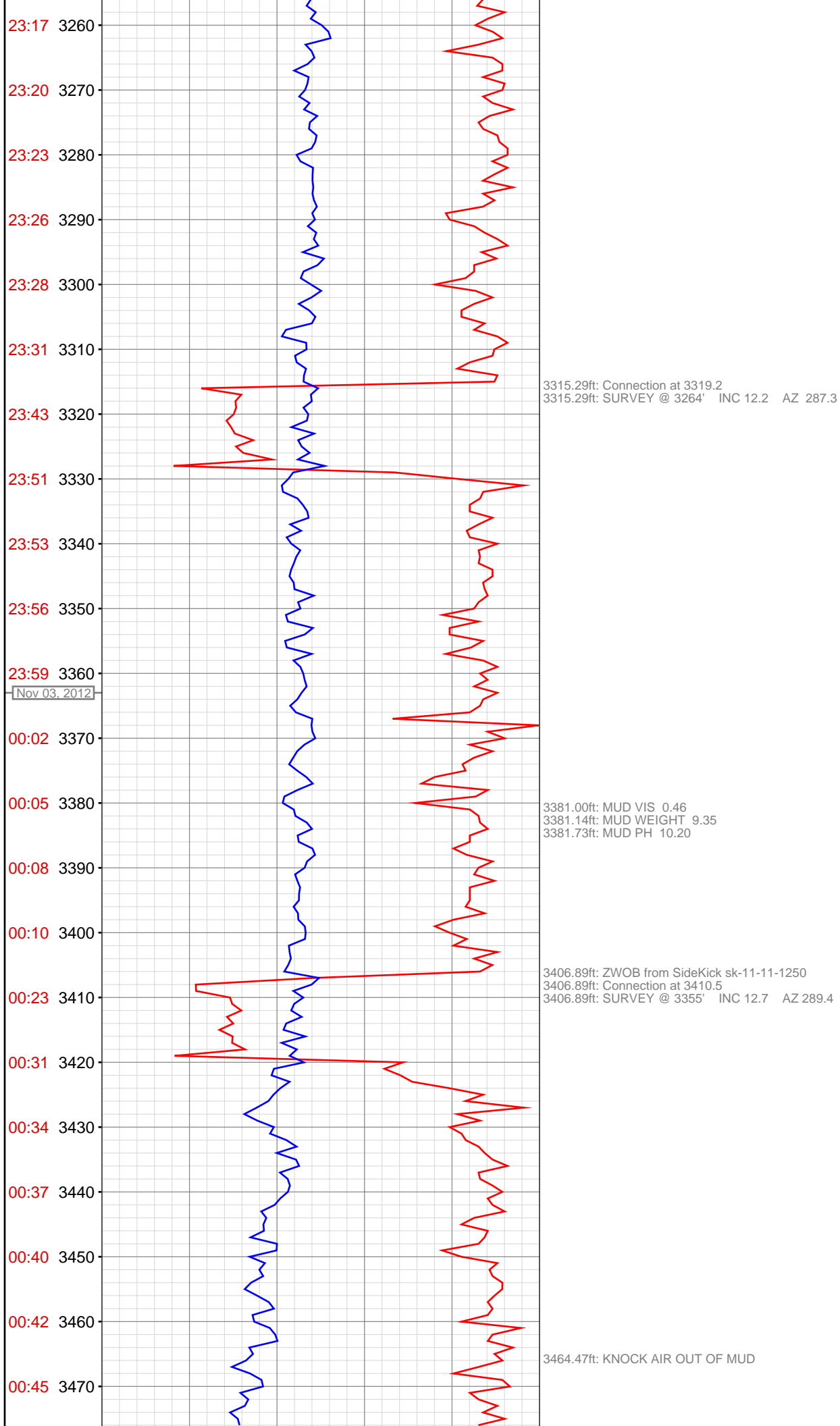


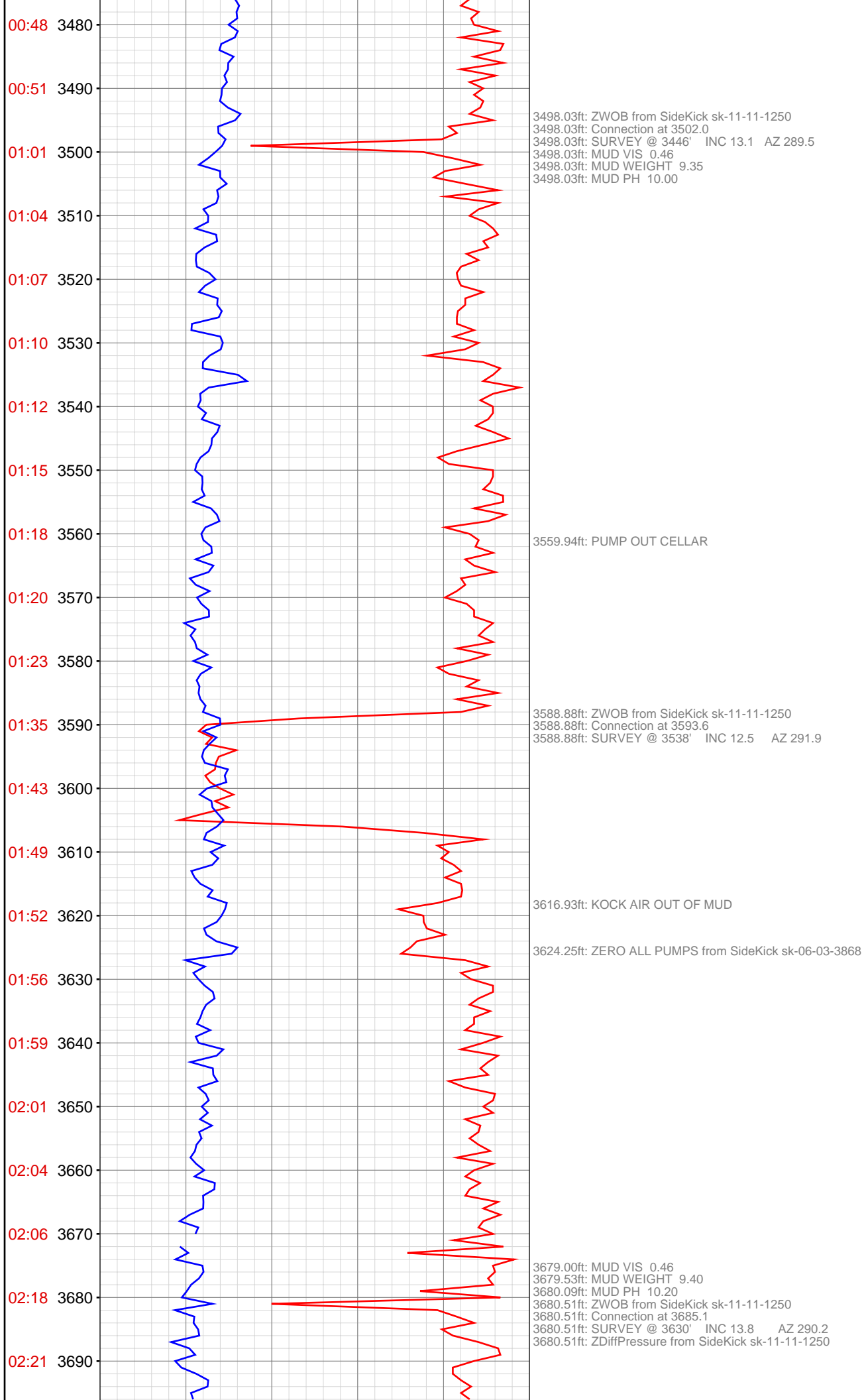


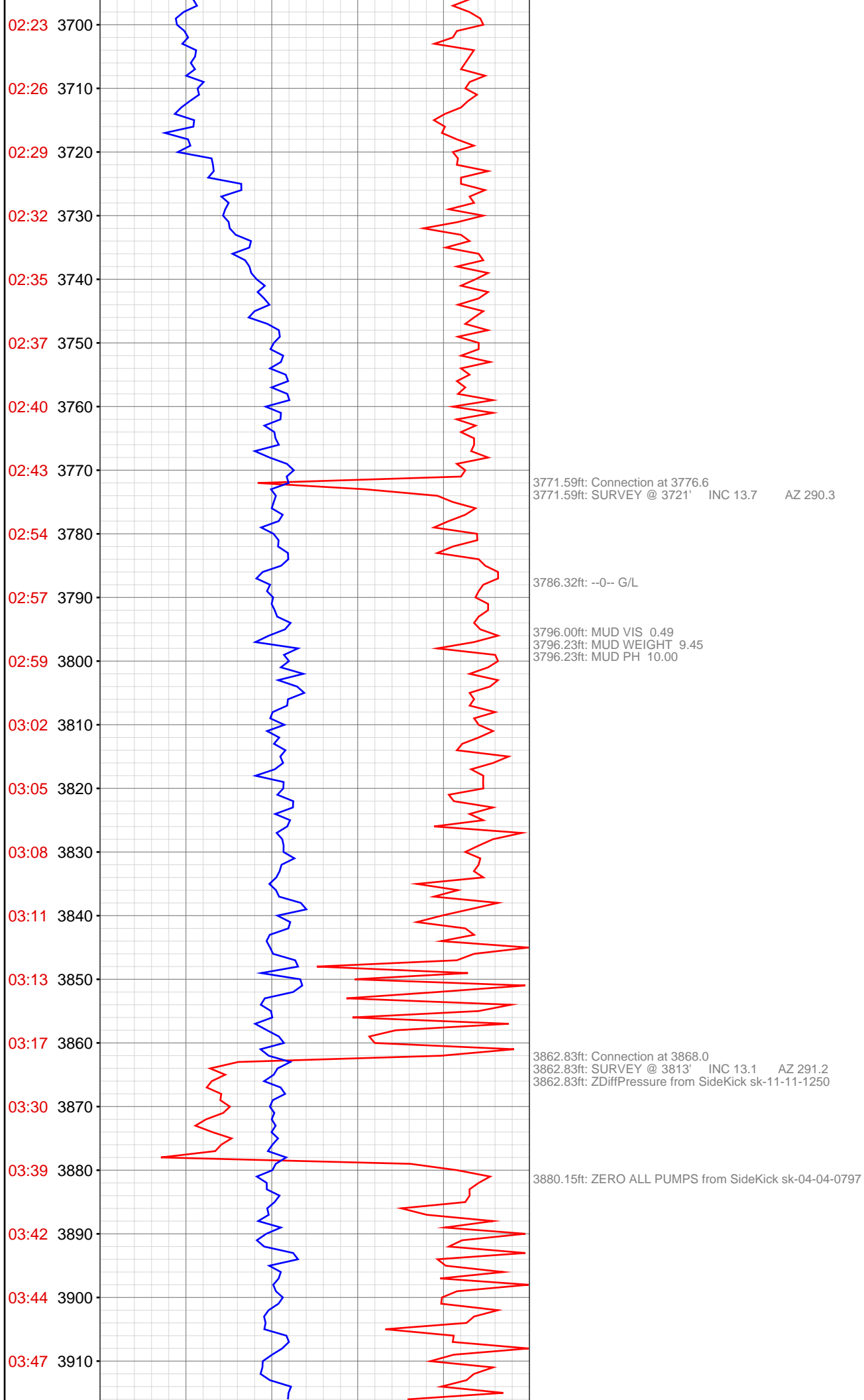


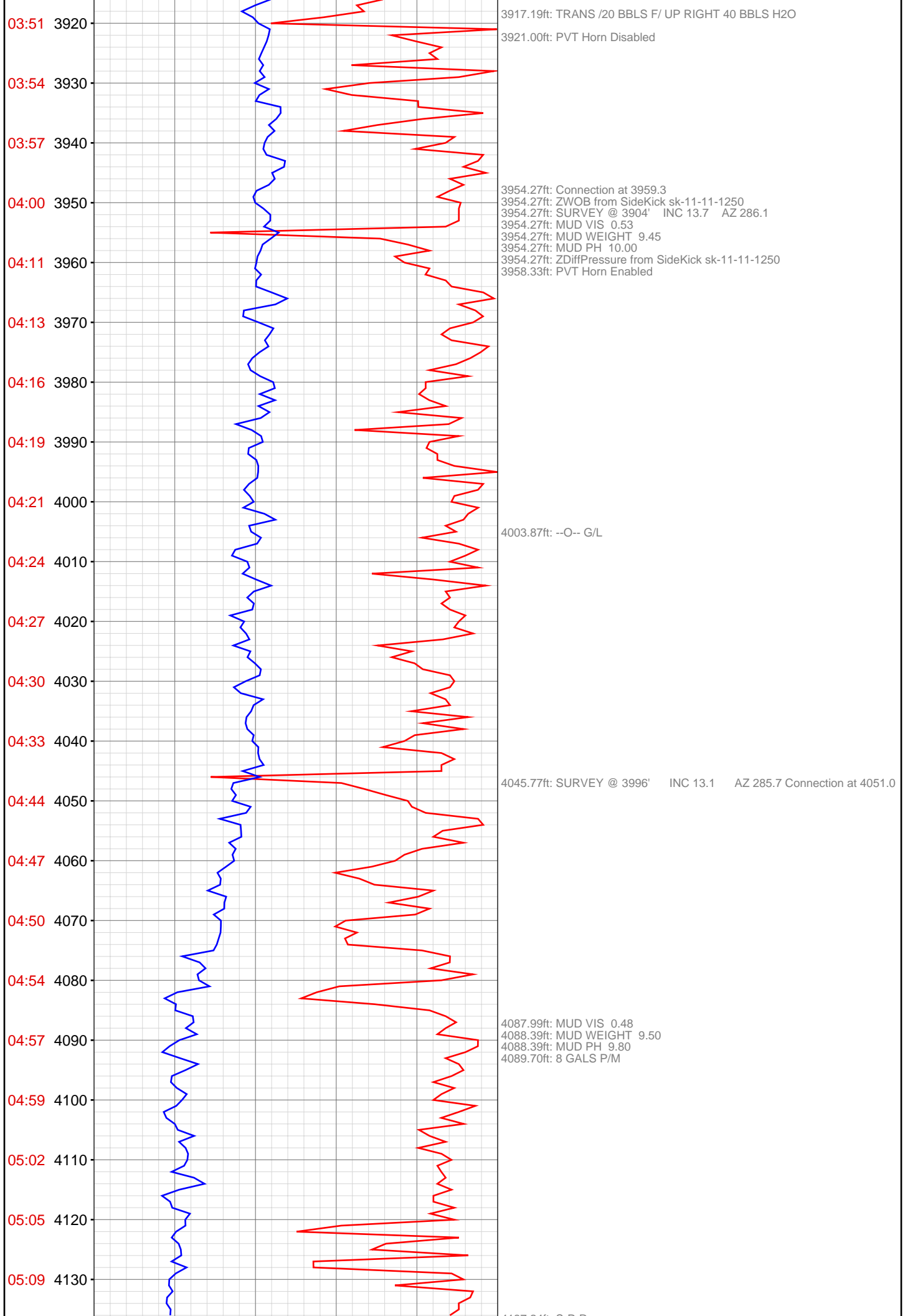




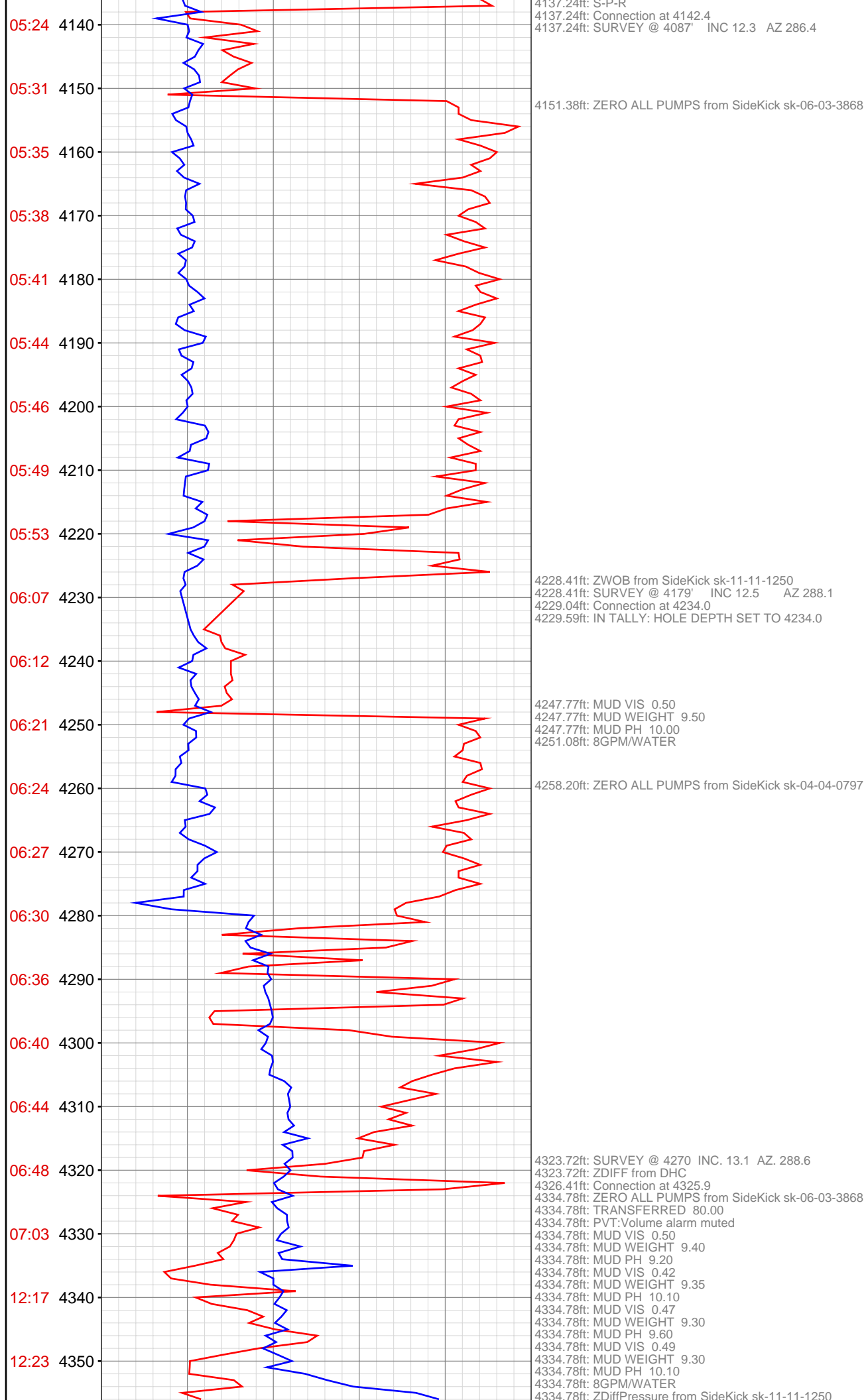


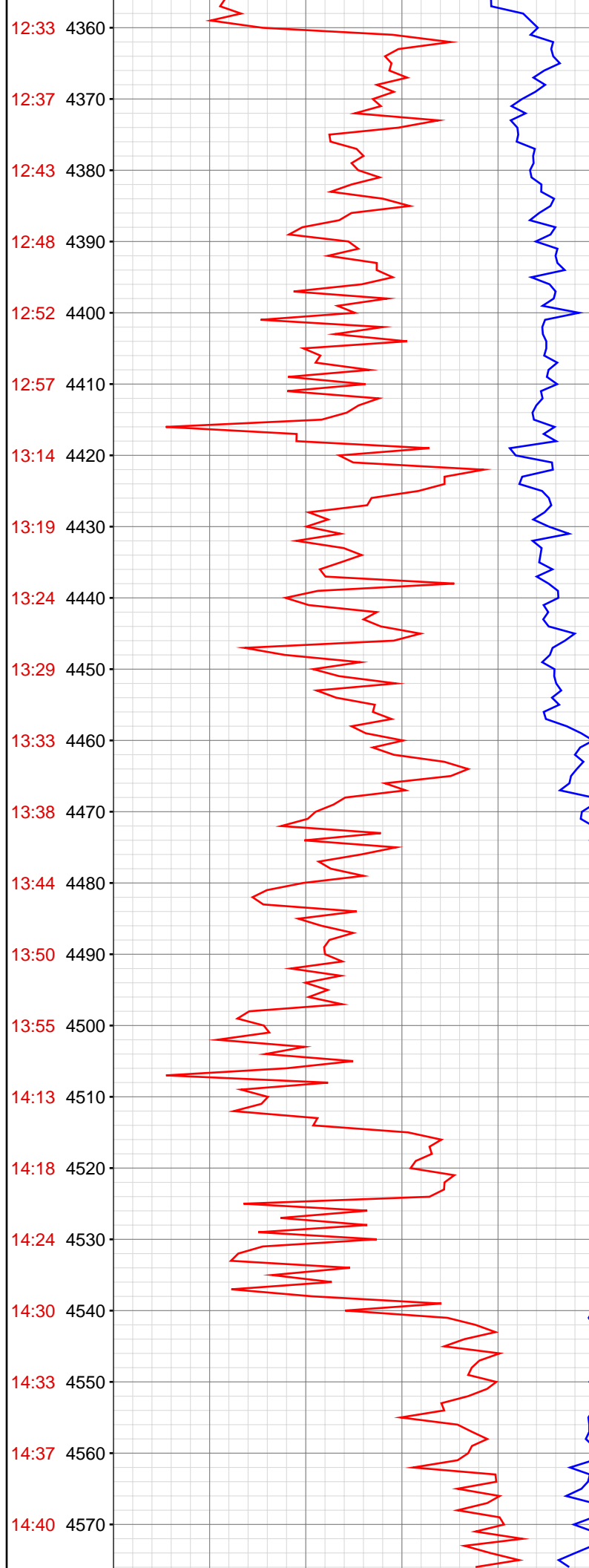












4334.78ft: ZWOB from SideKick sk-11-11-1250  
4335.33ft: ZERO ALL PUMPS from SideKick sk-04-04-0797

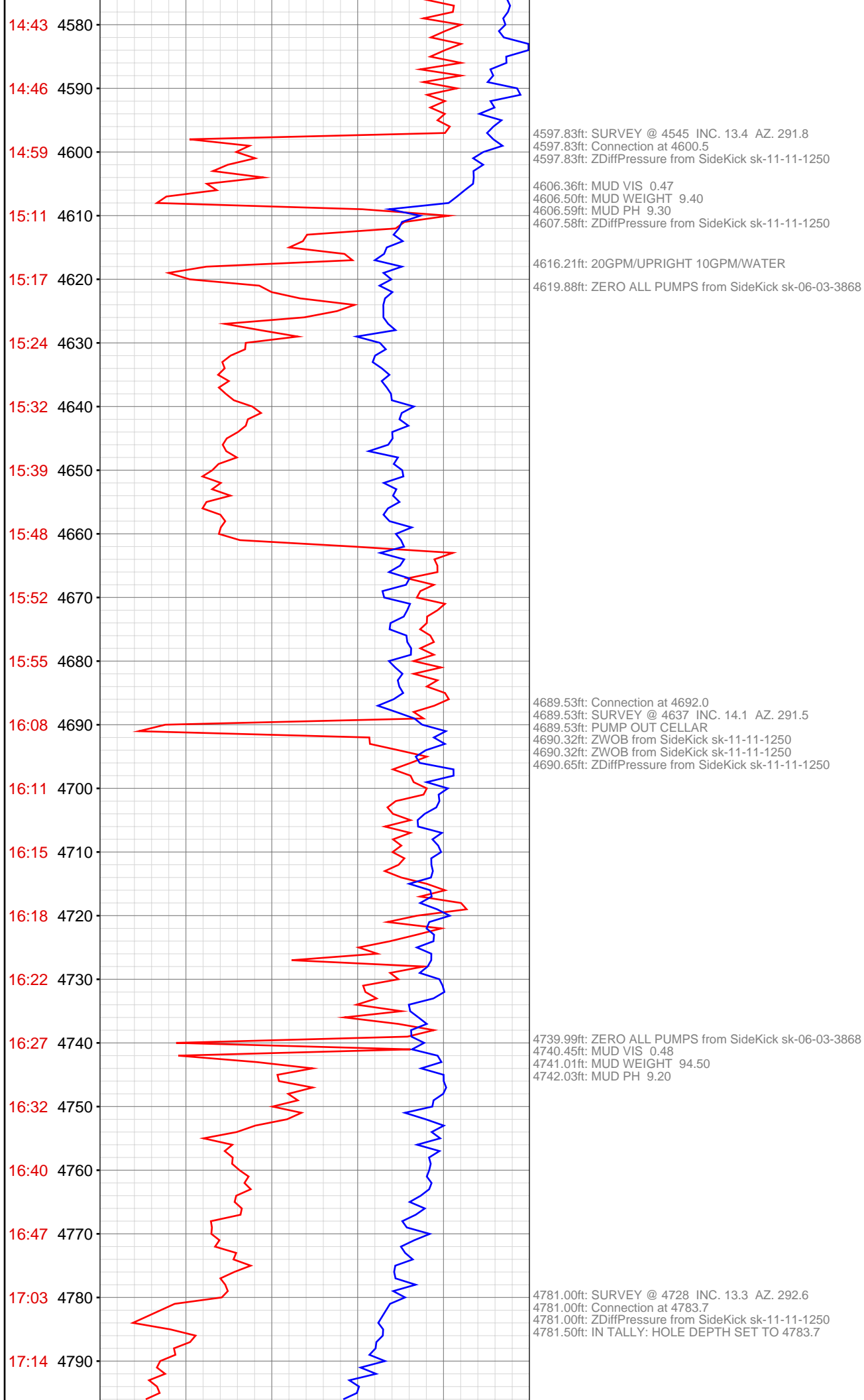
4415.29ft: SURVEY @ 4362 INC. 14.0 AZ. 290.0  
4415.29ft: Connection at 4417.5  
4415.29ft: MUD VIS 0.04  
4415.29ft: MUD VIS 0.52  
4415.29ft: MUD WEIGHT 9.35  
4415.29ft: MUD PH 9.60  
4415.29ft: ZDiffPressure from SideKick sk-11-11-1250  
4415.35ft: 8GPM/WATER  
4417.19ft: ZERO ALL PUMPS from SideKick sk-04-04-0797

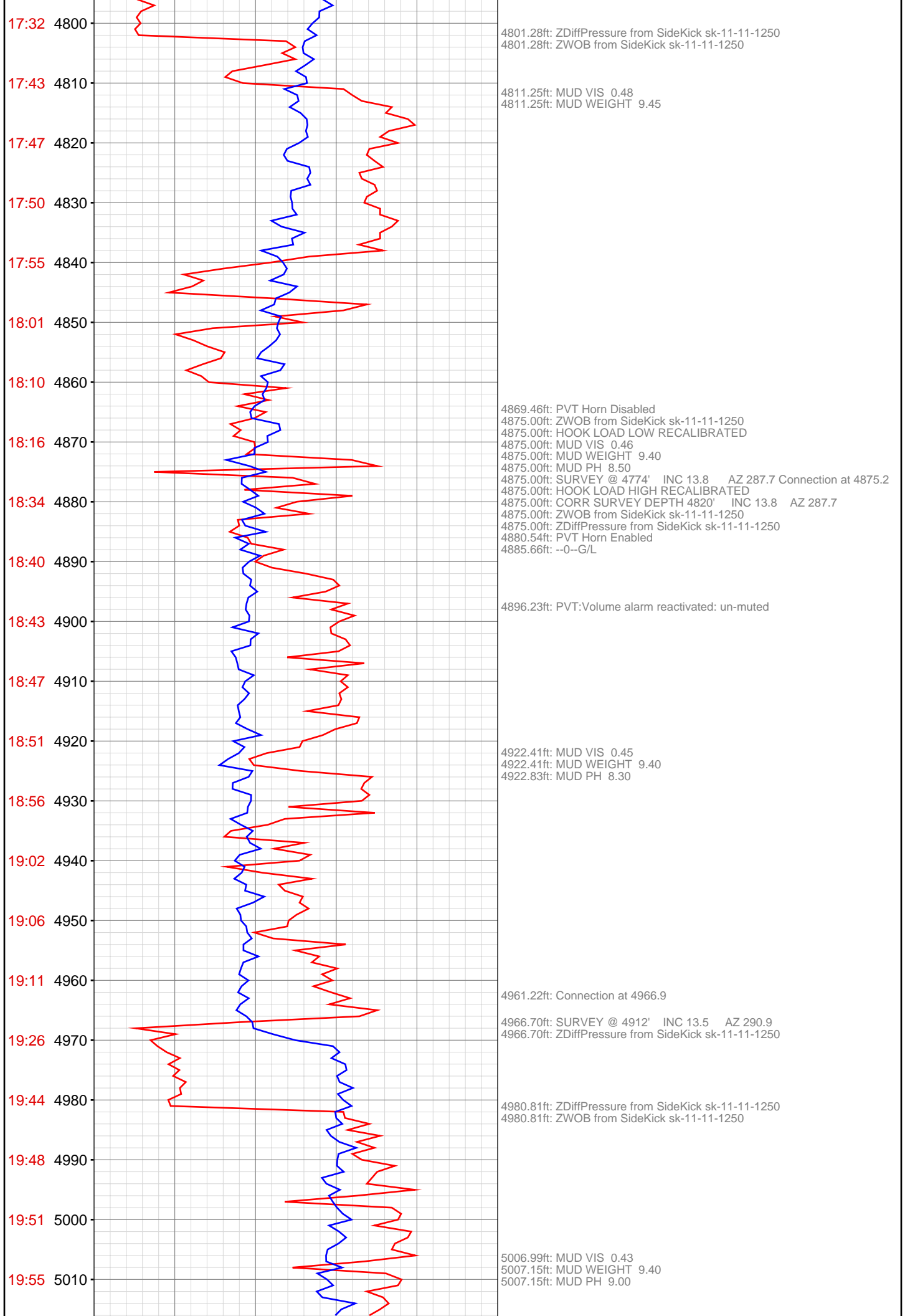
4453.87ft: 10GPM/WATER

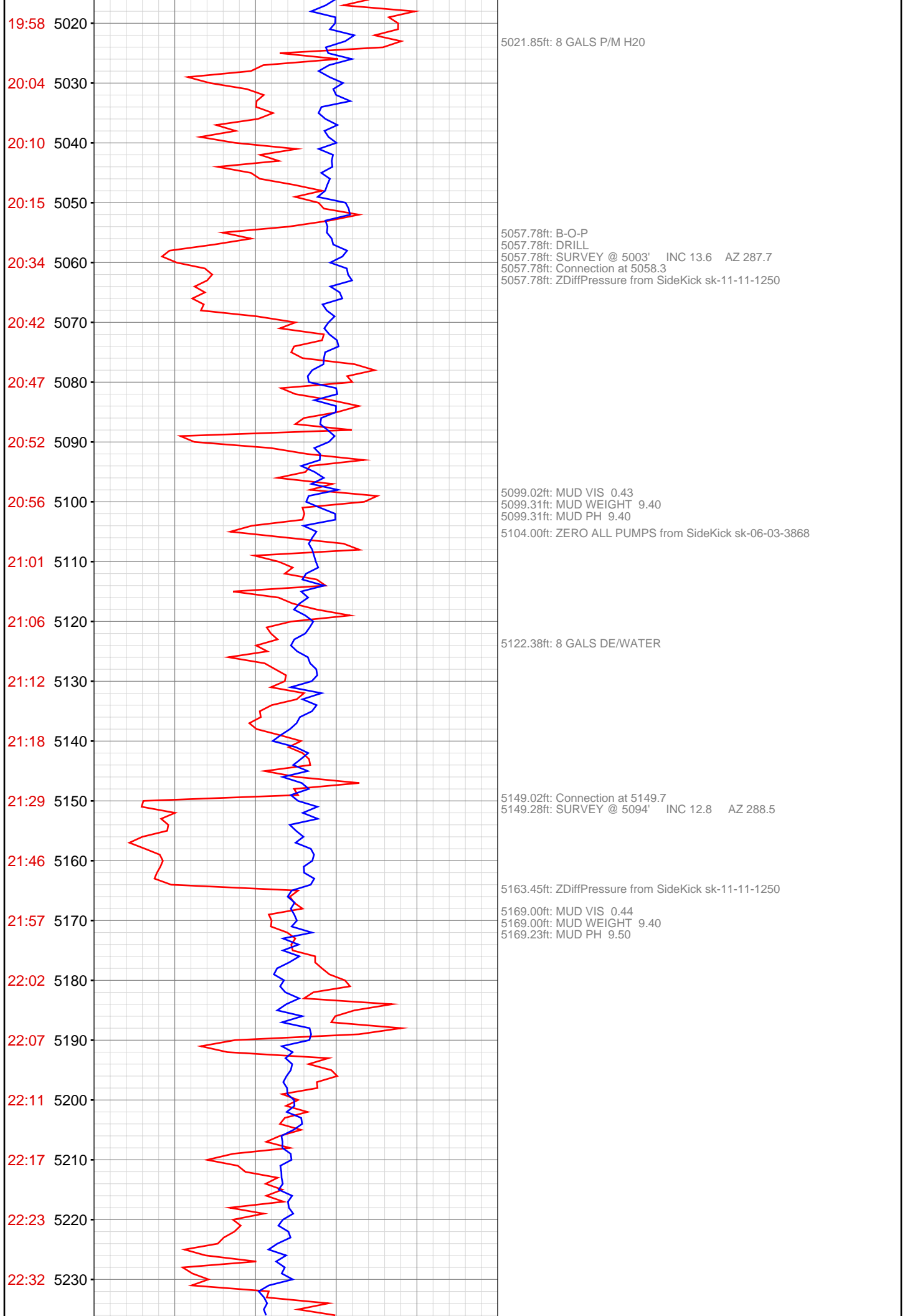
4465.91ft: ADD DEFOAMER

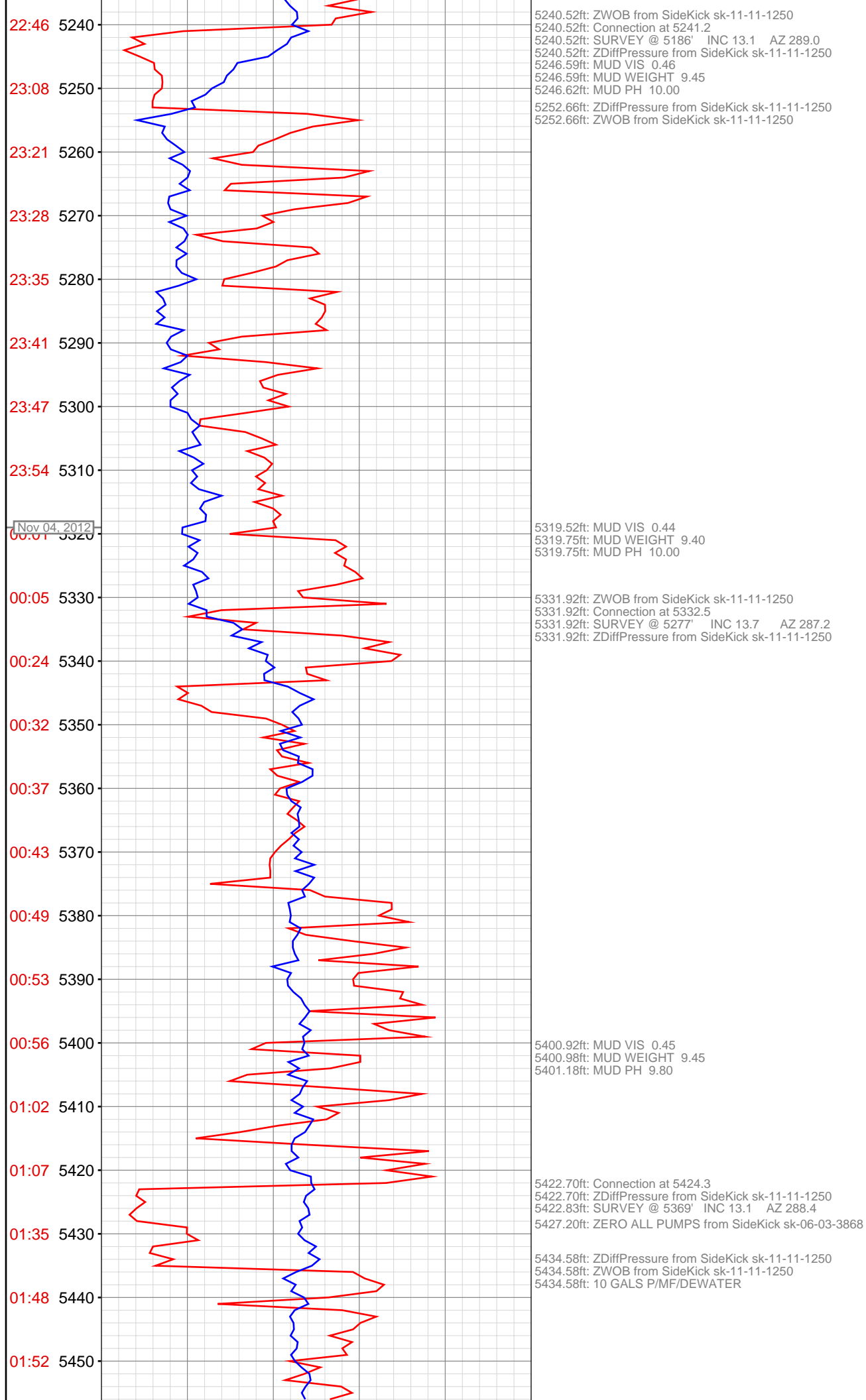
4506.36ft: ZWOB from SideKick sk-11-11-1250  
4506.36ft: Connection at 4508.9  
4506.36ft: SURVEY @ 4453 INC. 13.7 AZ. 290.1  
4506.36ft: HOOK LOAD HIGH RECALIBRATED  
4506.36ft: ZDiffPressure from SideKick sk-11-11-1250  
4506.36ft: ZWOB from SideKick sk-11-11-1250  
4509.61ft: MUD VIS 0.46  
4510.01ft: MUD WEIGHT 9.30  
4510.01ft: MUD PH 9.00

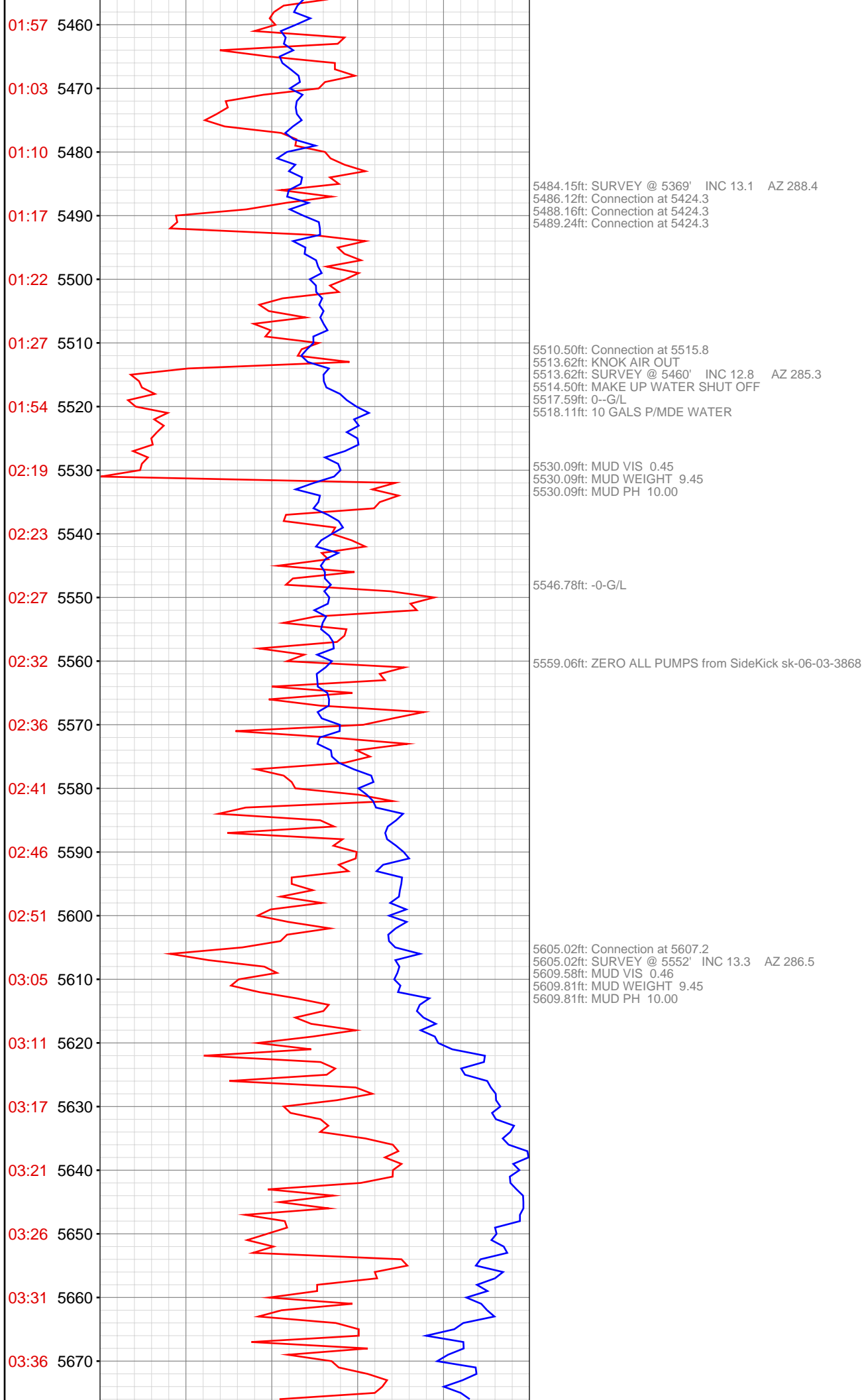
4525.23ft: ZERO ALL PUMPS from SideKick sk-06-03-3868

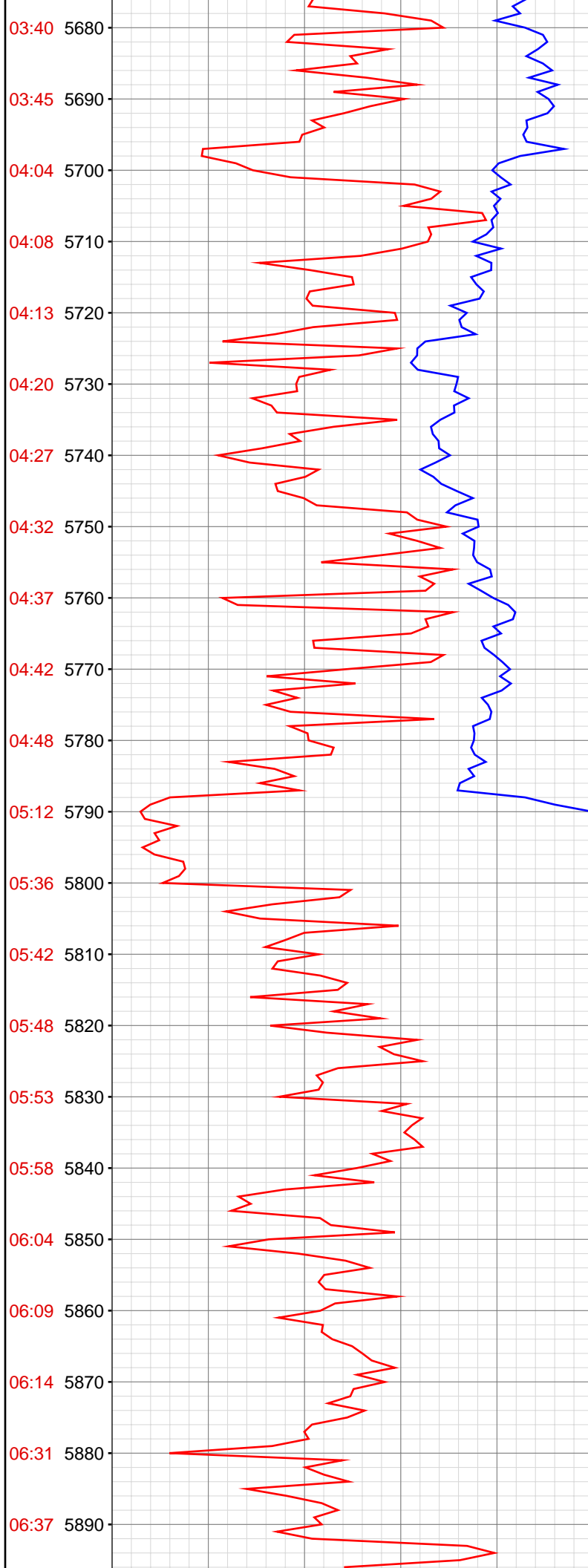












5696.39ft: ZWOB from SideKick sk-11-11-1250  
5696.39ft: S-P-R  
5696.39ft: Connection at 5698.8  
5696.39ft: SURVEY @ 5644' INC 12.1 AZ 287.1  
5696.39ft: MUD VIS 0.47  
5696.39ft: MUD WEIGHT 9.50  
5696.39ft: MUD PH 10.00  
5696.39ft: ZDiffPressure from SideKick sk-11-11-1250

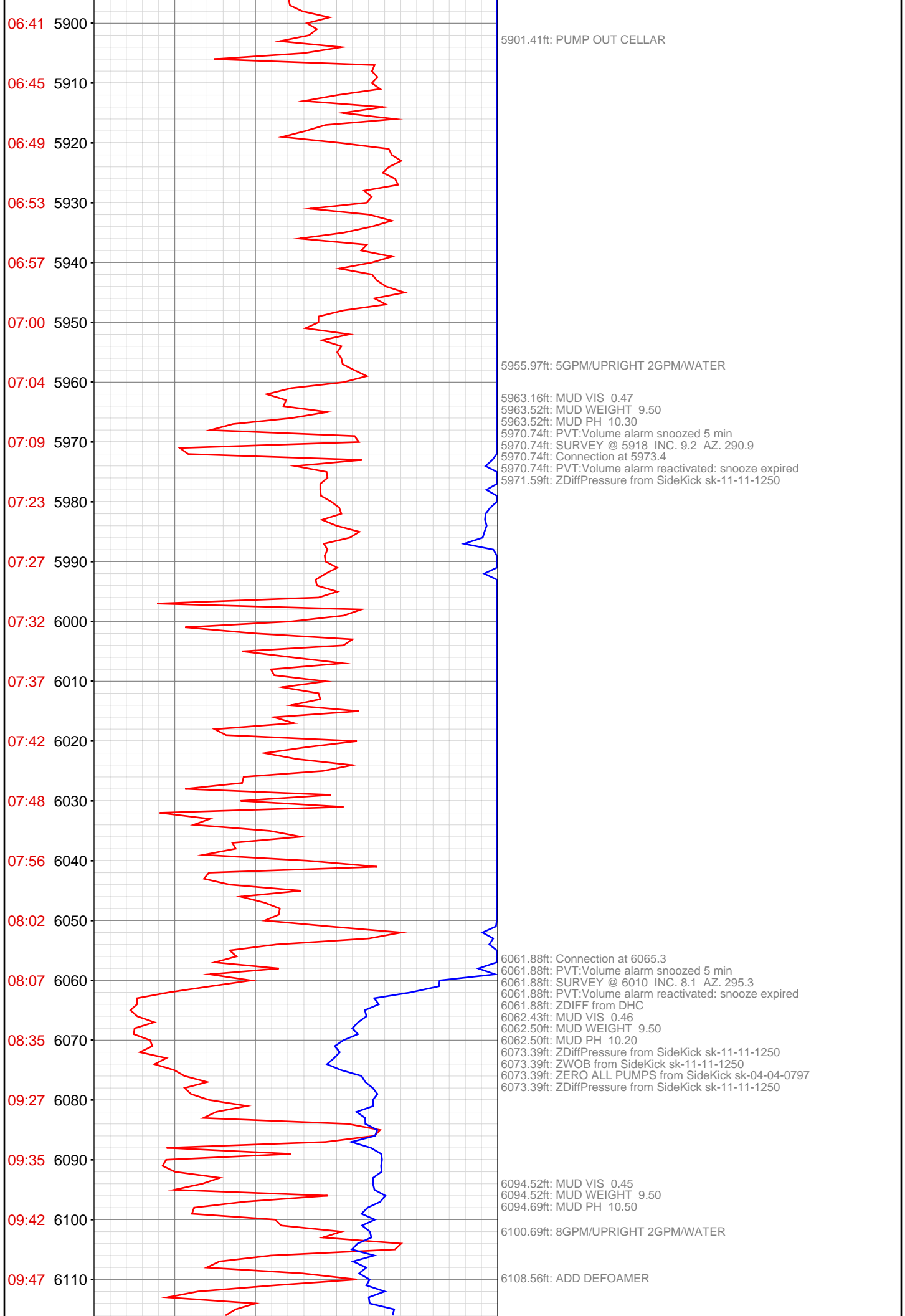
5769.62ft: KNOCK AIR OUT OF MUD

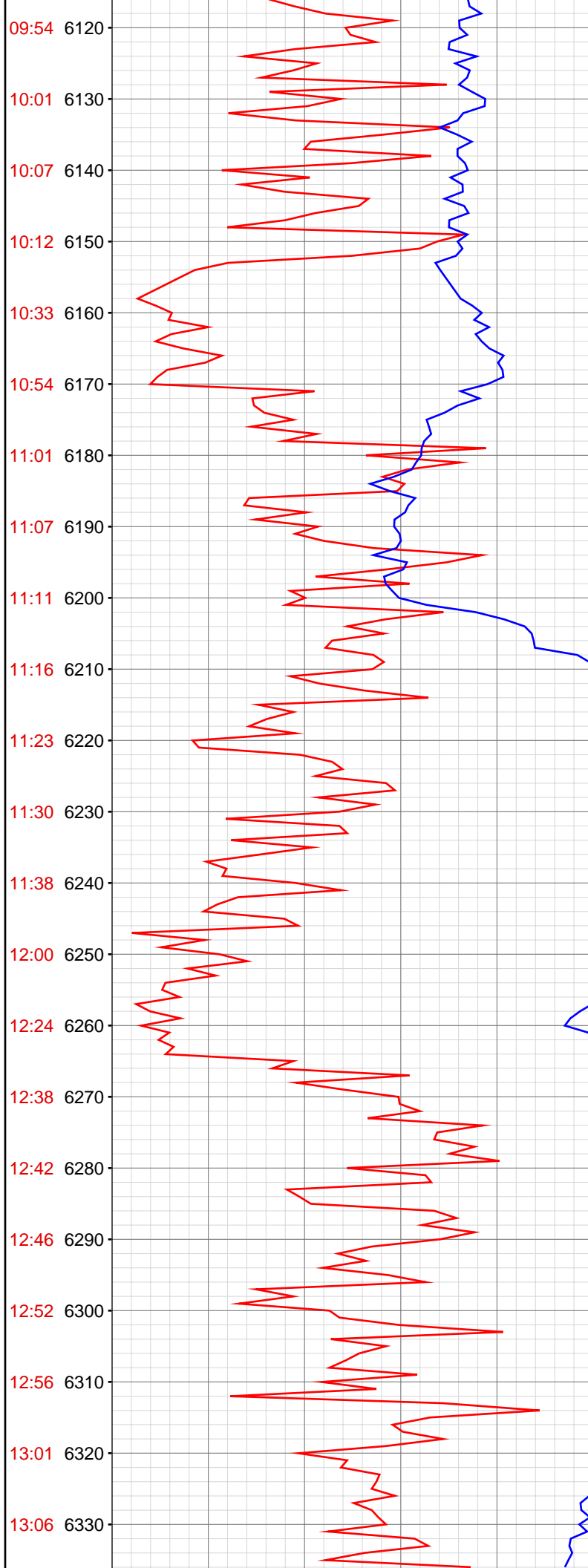
5783.89ft: --O--G/L  
5786.84ft: Connection at 5790.1  
5787.70ft: ZWOB from SideKick sk-11-11-1250  
5787.70ft: SURVEY @ 5735' INC 10.7 AZ 287.9  
5787.70ft: ZDiffPressure from SideKick sk-11-11-1250  
5787.70ft: ZDiffPressure from SideKick sk-11-11-1250  
5789.07ft: MUD VIS 0.47  
5789.07ft: MUD WEIGHT 9.50  
5789.07ft: MUD PH 10.30  
5799.02ft: --O-- G/L  
5799.97ft: ZDiffPressure from SideKick sk-11-11-1250  
5799.97ft: ZDiffPressure from SideKick sk-11-11-1250

5863.65ft: 5GPM/UPRIGHT 2GPM/WATER

5872.24ft: MUD VIS 0.45  
5872.44ft: MUD WEIGHT 9.50  
5872.44ft: MUD PH 10.10  
5879.23ft: SURVEY @ 5826 INC. 10.2 AZ. 288.0  
5879.23ft: HOOK LOAD LOW RECALIBRATED  
5879.23ft: HOOK LOAD HIGH RECALIBRATED  
5879.23ft: Connection at 5881.8  
5879.23ft: ZWOB from SideKick sk-11-11-1250







6152.76ft: Connection at 6157.2  
6153.12ft: SURVEY @ 6102 INC. 7.5 AZ. 290.3  
6154.53ft: IN TALLY: HOLE DEPTH SET TO 6157.2

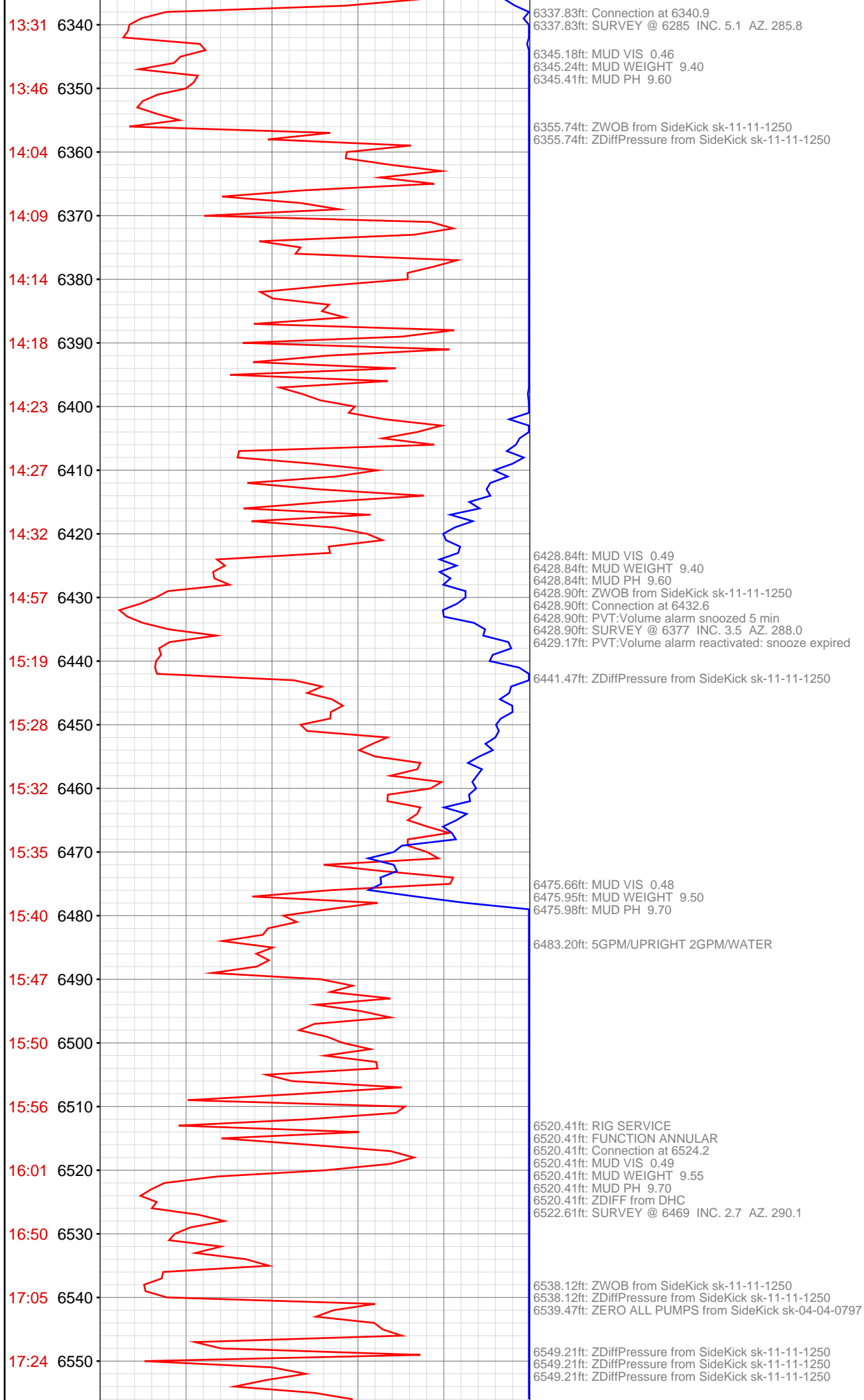
6167.03ft: MUD VIS 0.43  
6167.16ft: MUD WEIGHT 9.50  
6167.26ft: MUD PH 10.00

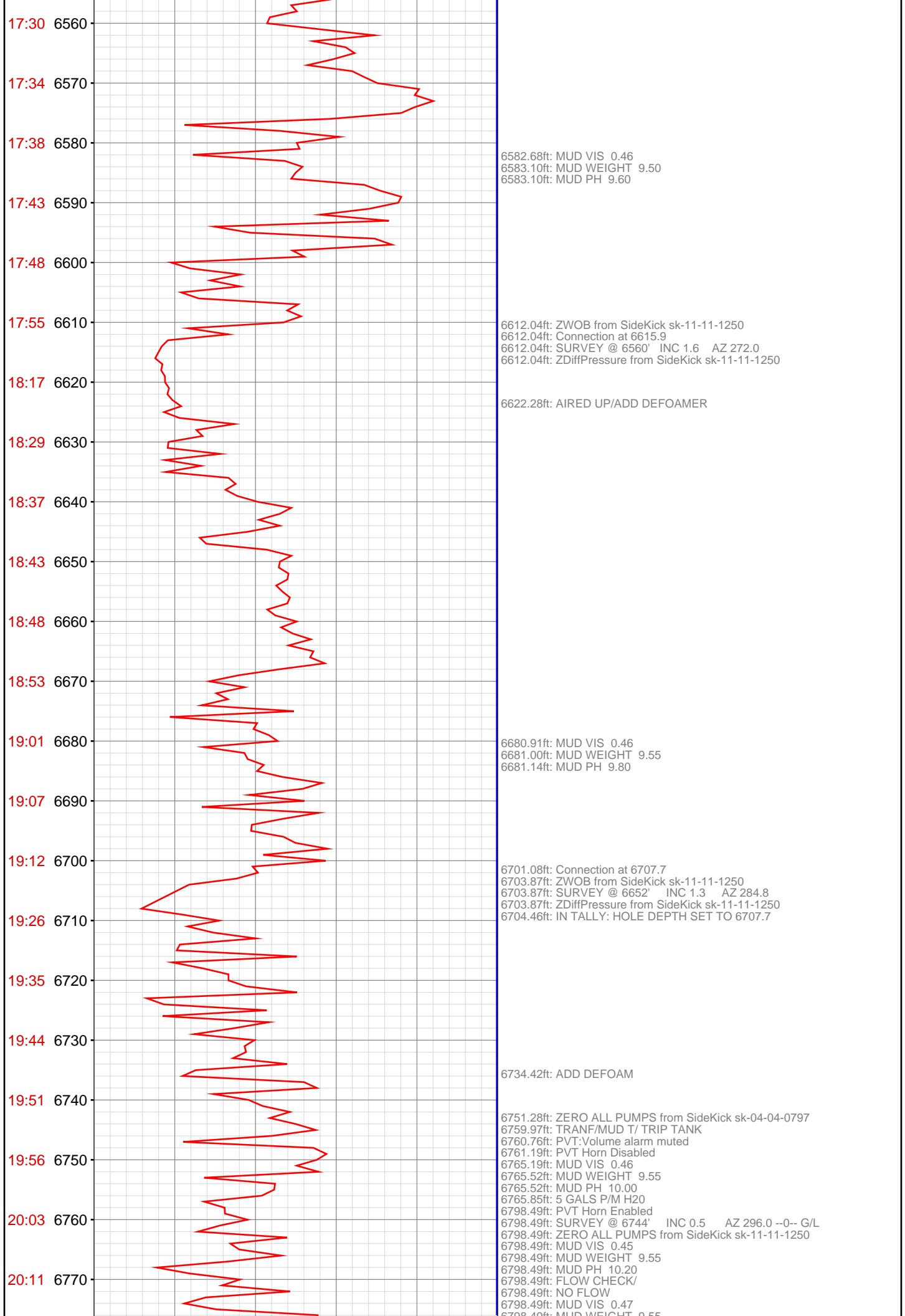
6220.60ft: ZERO ALL PUMPS from SideKick sk-06-03-3868

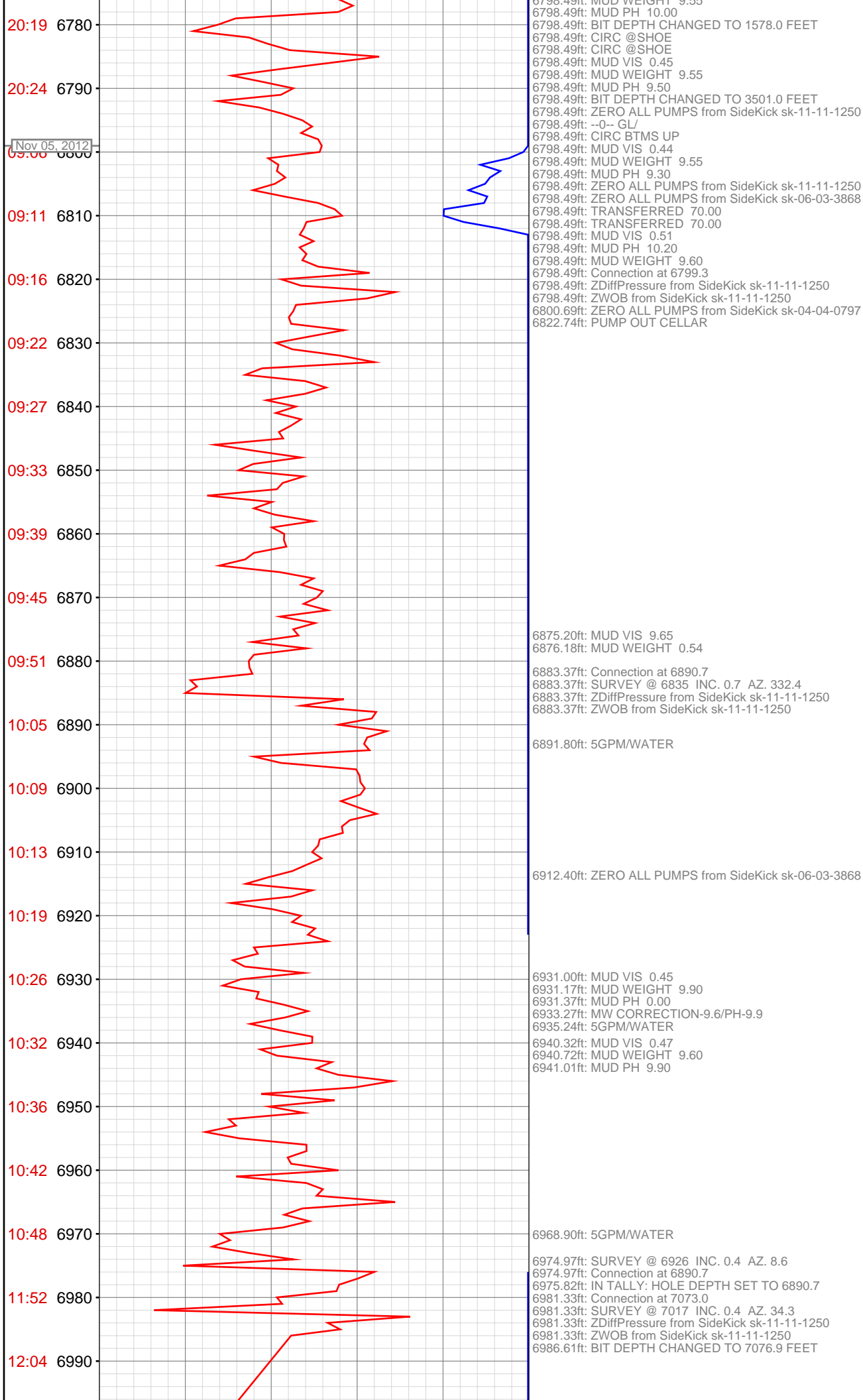
6242.06ft: ZERO ALL PUMPS from SideKick sk-06-03-3868  
6246.49ft: SURVEY @ 6194 INC. 6.3 AZ. 283.7  
6246.49ft: MUD VIS 0.42  
6246.49ft: MUD WEIGHT 9.45  
6246.49ft: MUD PH 9.80  
6246.49ft: Connection at 6249.1  
6246.49ft: ZDiffPressure from SideKick sk-11-11-1250

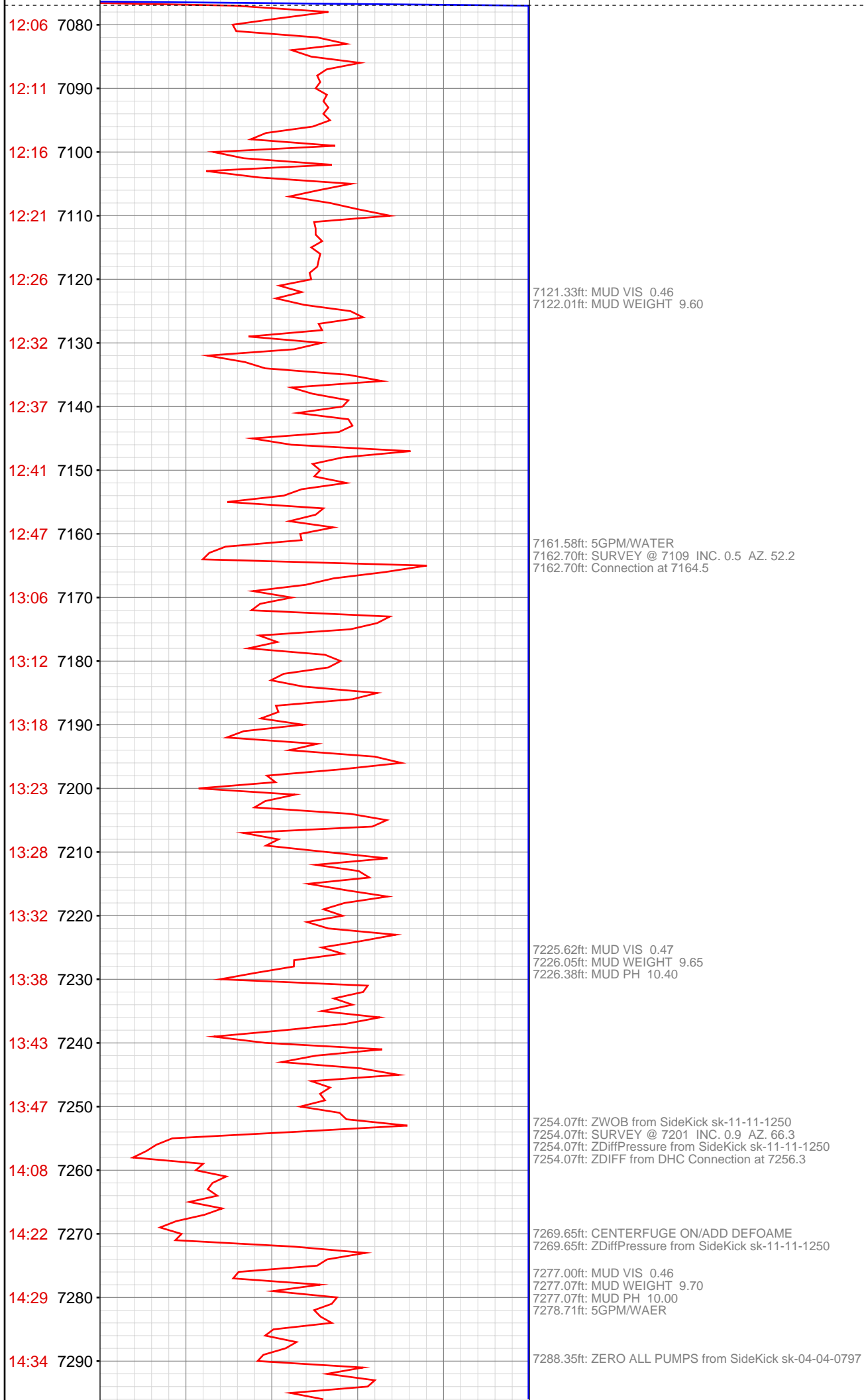
6263.48ft: ZDiffPressure from SideKick sk-11-11-1250

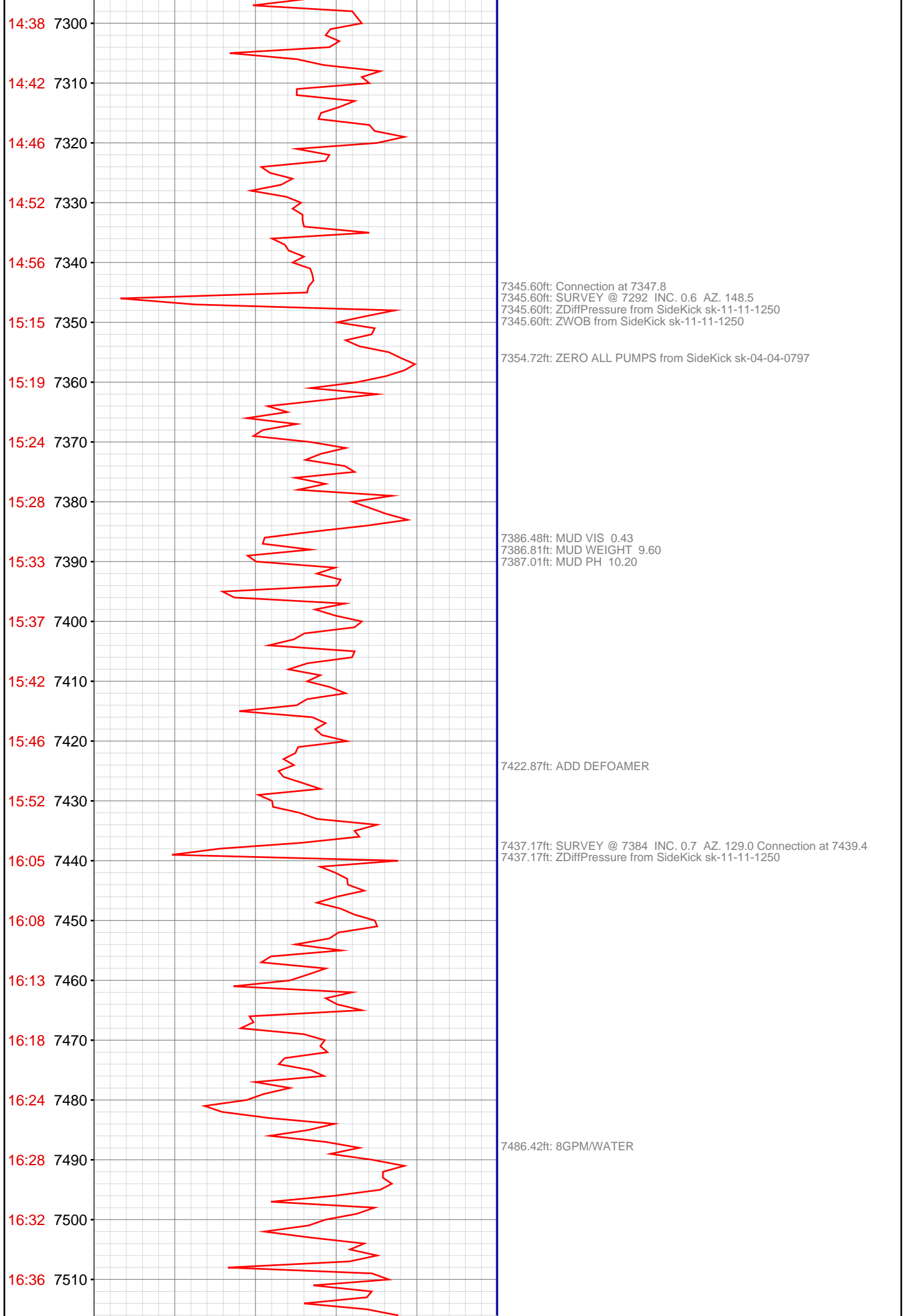
6283.37ft: MUD VIS 0.43  
6283.37ft: MUD WEIGHT 9.45  
6283.79ft: MUD PH 9.60











16:40 7520

7519.85ft: MUD VIS 0.43  
7520.14ft: MUD WEIGHT 9.70  
7520.83ft: MUD PH 9.70

17:16 7530

7528.71ft: SURVEY @ 7476 INC. 0.5 AZ. 115.1  
7528.71ft: Connection at 7531.3  
7528.71ft: ZDiffPressure from SideKick sk-11-11-1250  
7528.71ft: ZWOB from SideKick sk-11-11-1250

17:20 7540

17:25 7550

7547.38ft: MUD VIS 0.44  
7547.70ft: MUD WEIGHT 9.70  
7548.20ft: MUD PH 10.20

17:30 7560

17:34 7570

17:39 7580

17:44 7590

17:47 7600

7619.78ft: ZERO ALL PUMPS from SideKick sk-11-11-1250  
7619.78ft: MUD VIS 0.43  
7619.78ft: MUD WEIGHT 9.70  
7619.78ft: MUD PH 10.20  
7619.78ft: TRANSFERRED 70.00  
7619.78ft: ZERO ALL PUMPS from SideKick sk-11-11-1250  
7619.78ft: TRANSFERRED 70.00  
7619.78ft: MUD VIS 0.46  
7619.78ft: MUD WEIGHT 9.70  
7619.78ft: MUD PH 9.80  
7619.78ft: TRANSFERRED 54.00  
7619.78ft: MUD VIS 0.44  
7619.78ft: MUD WEIGHT 9.70  
7619.78ft: MUD PH 9.80  
7619.78ft: MUD VIS 0.44  
7619.78ft: MUD WEIGHT 9.70  
7619.78ft: MUD PH 10.00  
7619.78ft: Connection at 7622.8  
7619.78ft: SURVEY @ 7567' INC 0.7 AZ 96.3  
7619.78ft: ZWOB from SideKick sk-11-11-1250  
7621.46ft: ZDiffPressure from SideKick sk-11-11-1250  
7624.11ft: ZERO ALL PUMPS from SideKick sk-04-04-0797

17:52 7610

22:44 7620

22:51 7630

22:56 7640

7639.17ft: MUD VIS 0.43  
7639.17ft: MUD WEIGHT 9.70  
7639.63ft: 5 GALS H2O P/M  
7639.63ft: MUD PH 10.30

23:01 7650

23:07 7660

23:12 7670

23:16 7680

23:20 7690

23:24 7700

23:28 7710

7705.35ft: PVT:Volume alarm reactivated: un-muted  
7711.09ft: ZWOB from SideKick sk-11-11-1250  
7711.09ft: Connection at 7714.7  
7711.12ft: 8 GALS P/M H2O

23:47 7720

7723.52ft: ZERO ALL PUMPS from SideKick sk-04-04-0797  
7728.90ft: ZDiffPressure from SideKick sk-11-11-1250  
7728.90ft: SURVEY @ 7659' INC 1.4 AZ 89.4  
7731.00ft: MUD VIS 0.43  
7731.14ft: MUD WEIGHT 9.70  
7731.40ft: MUD PH 10.10

Nov 06, 2012

00:02 7730



