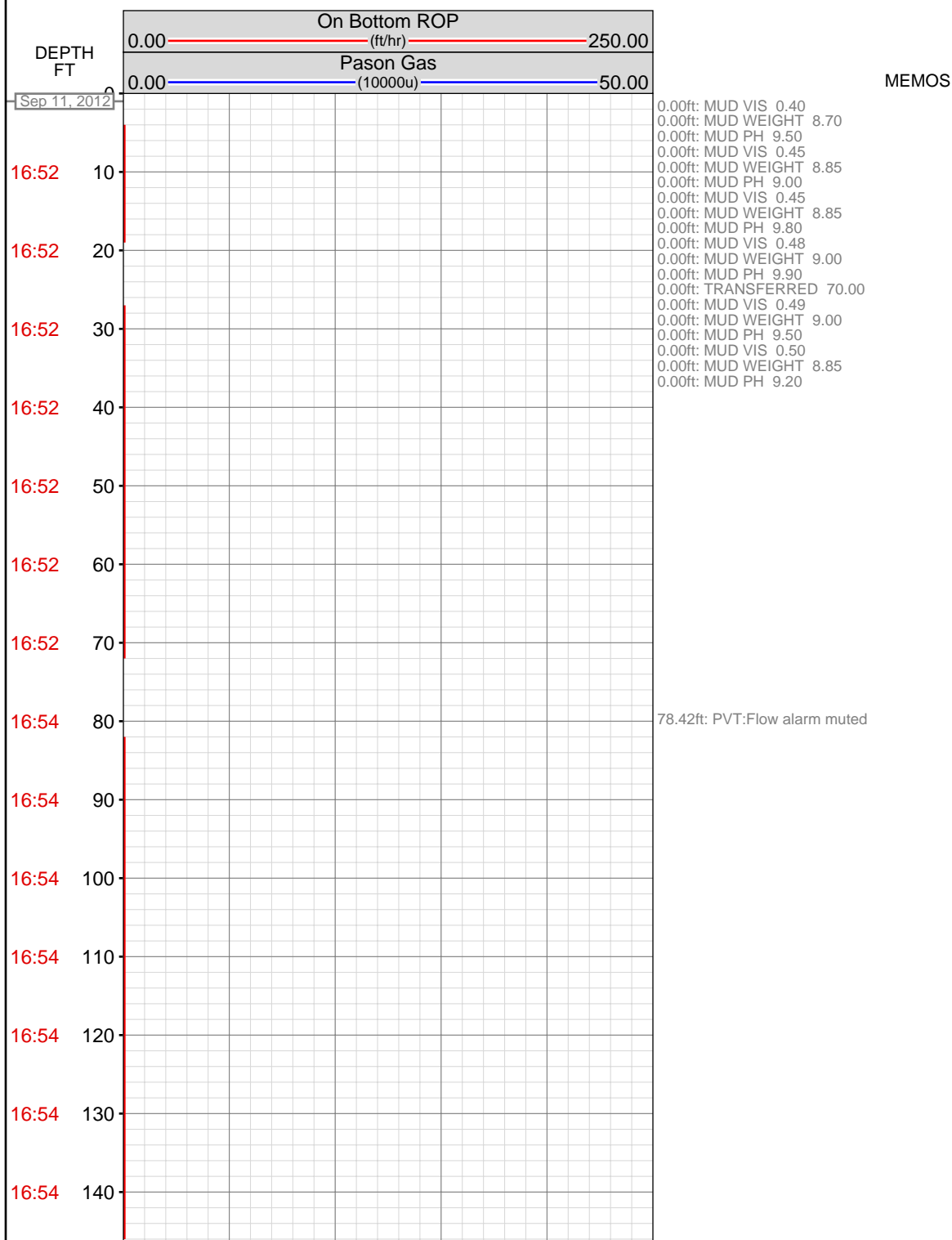


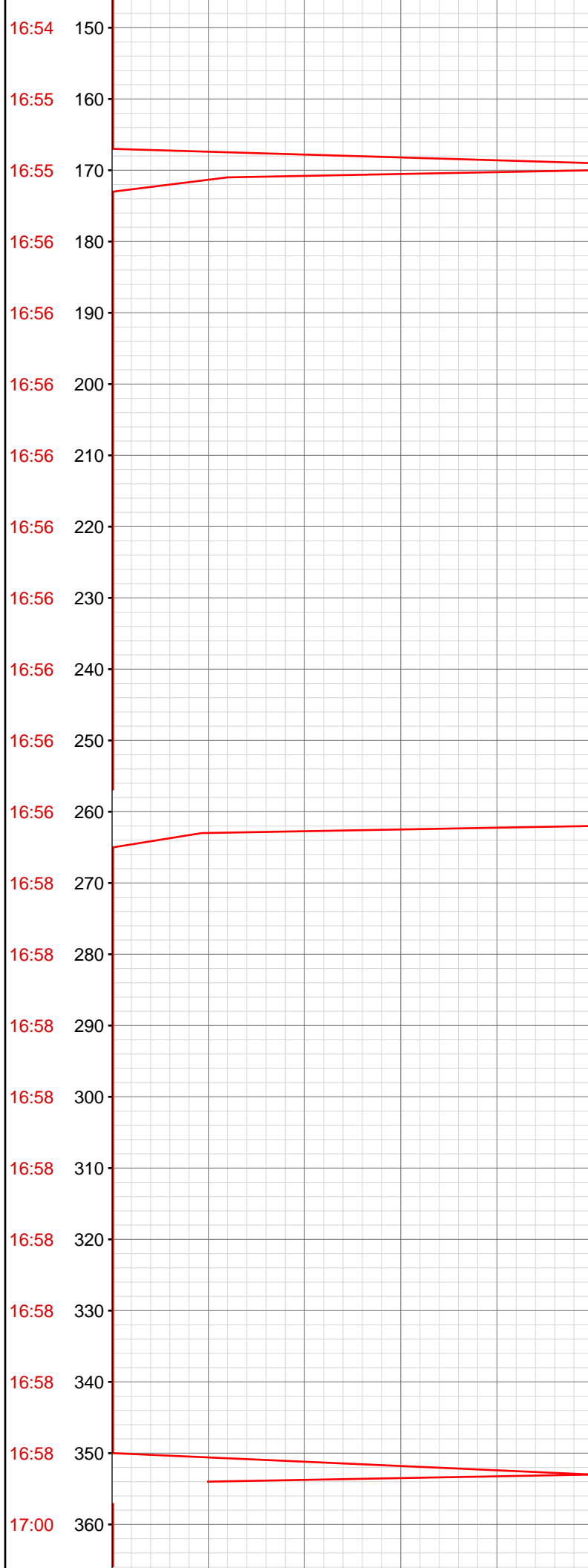
DataHub EDR Log

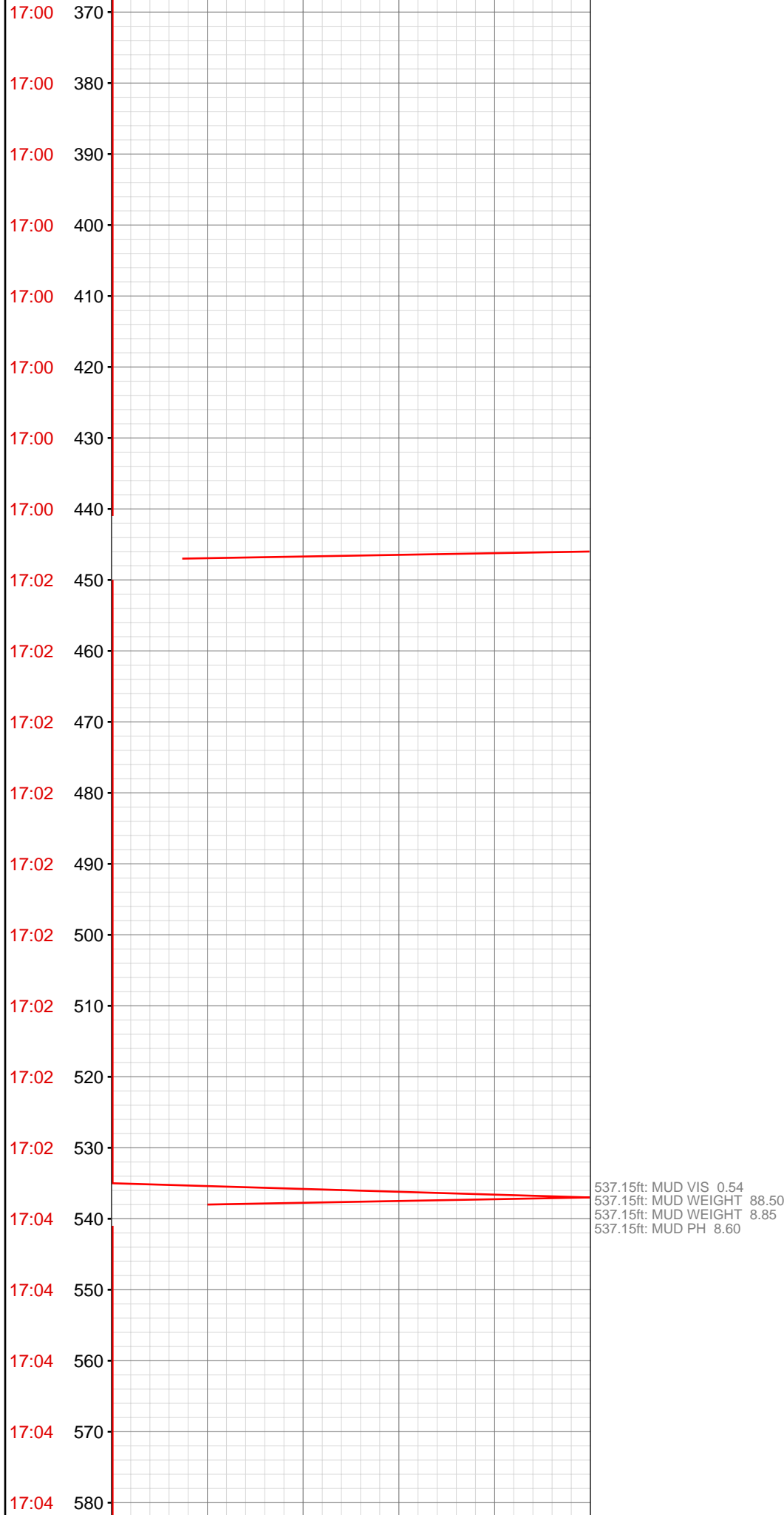
Wed Sep 26, 2012 15:31:57
Well Dossier 1347342417
Greg Veregin

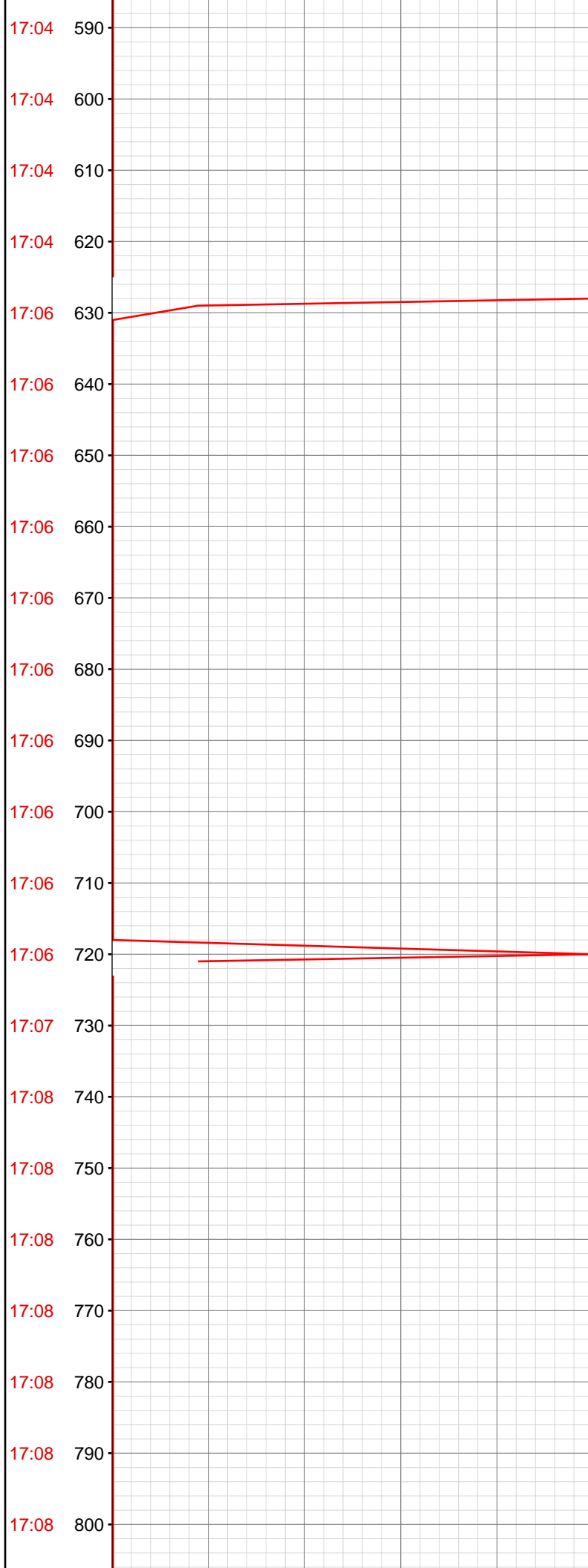
OPERATOR: EnCana Oil & Gas (USA), Inc.
WELL: SHIDELER FEE 31-8C
FIELD:
LOCATION: NE SW SEC 31, T007S, R92W
COUNTRY: USA
RIG: Pat-UTI 303

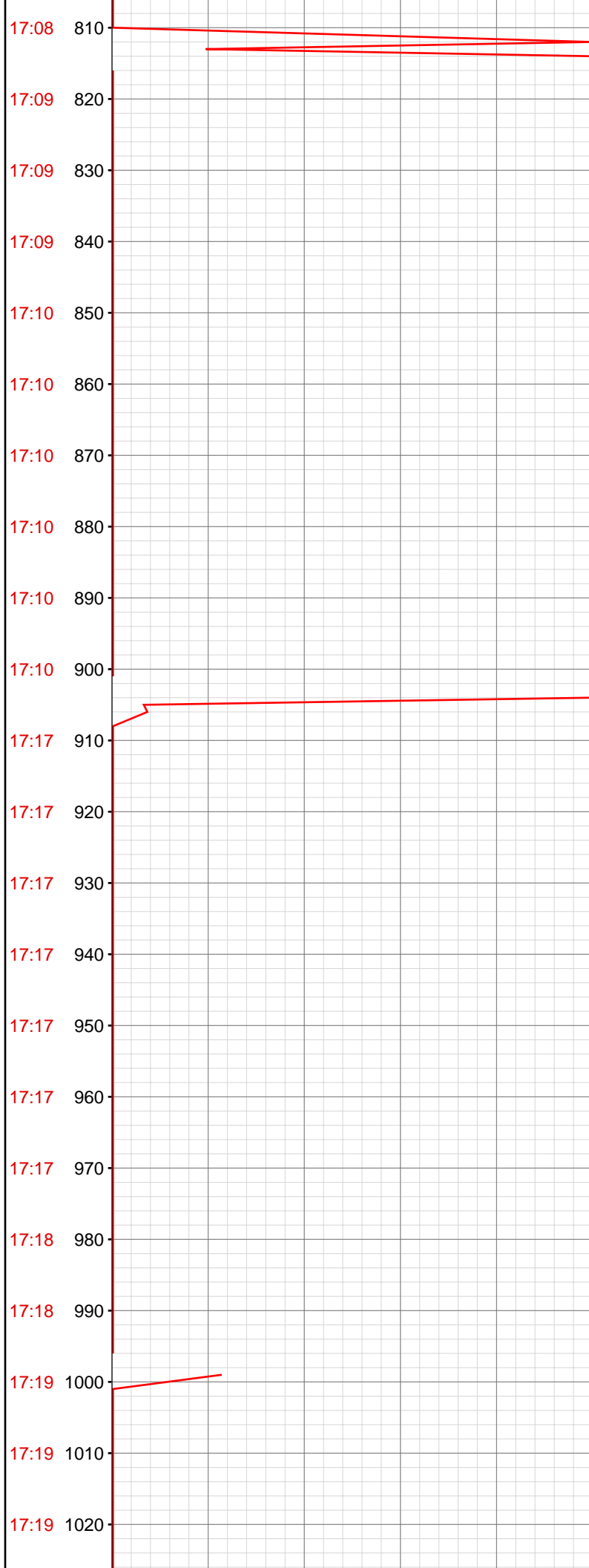
CONTRACTOR: Patterson-UTI Drilling Company
UNIQUE WELL ID: 05-045-21614-00
SPUD DATE: Sep 11, 2012 18:30
RELEASE DATE: Sep 17, 2012 06:00

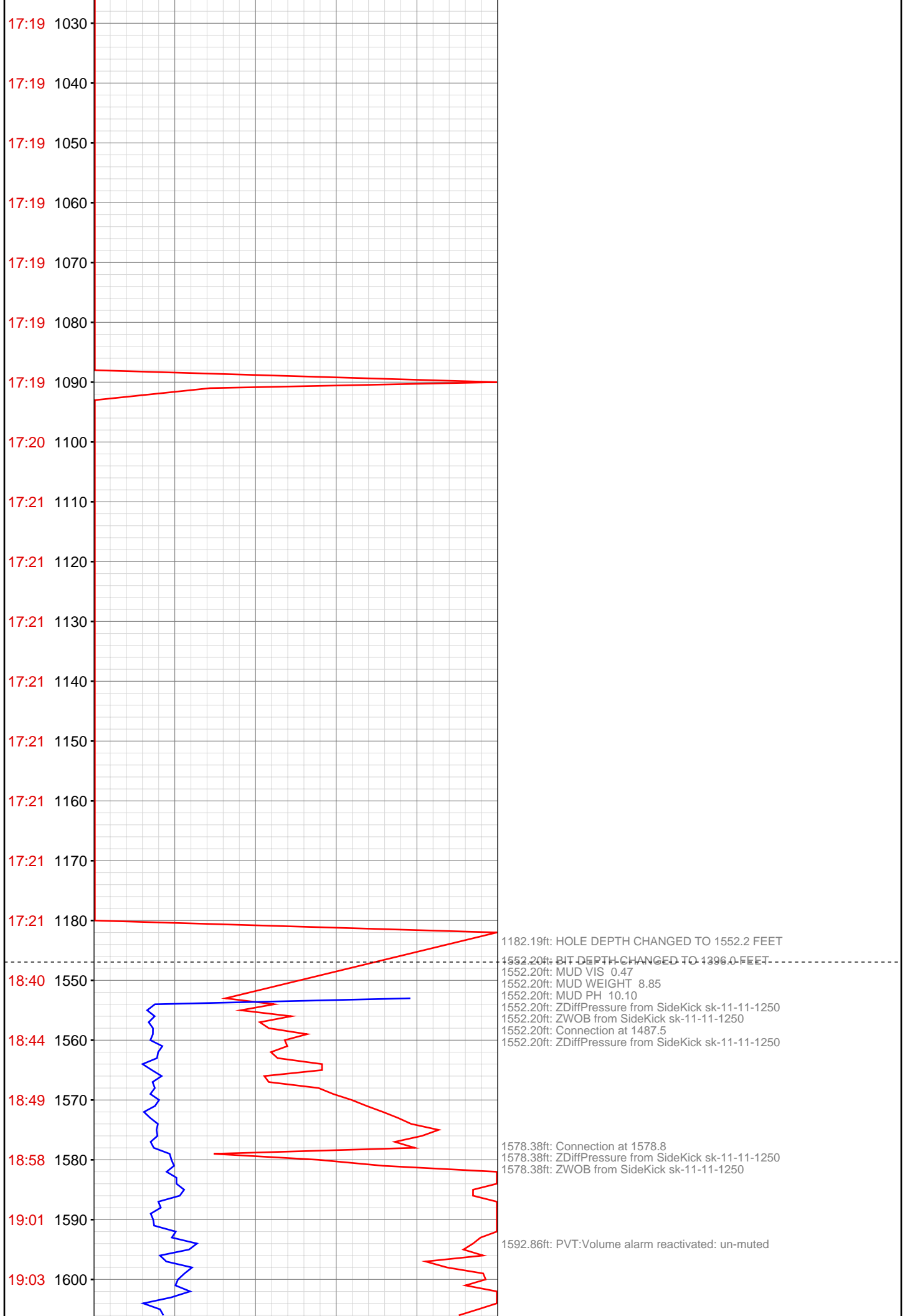


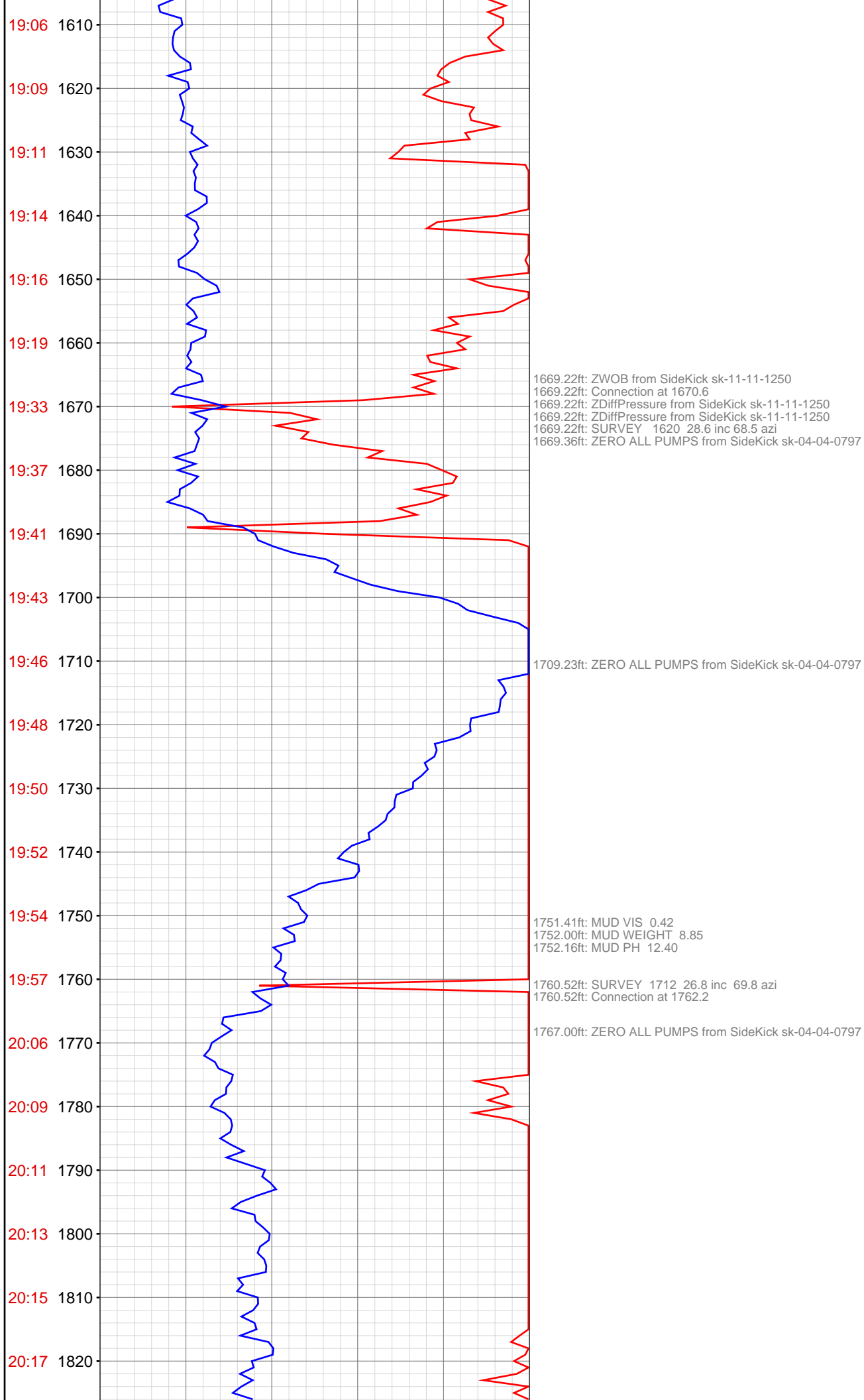


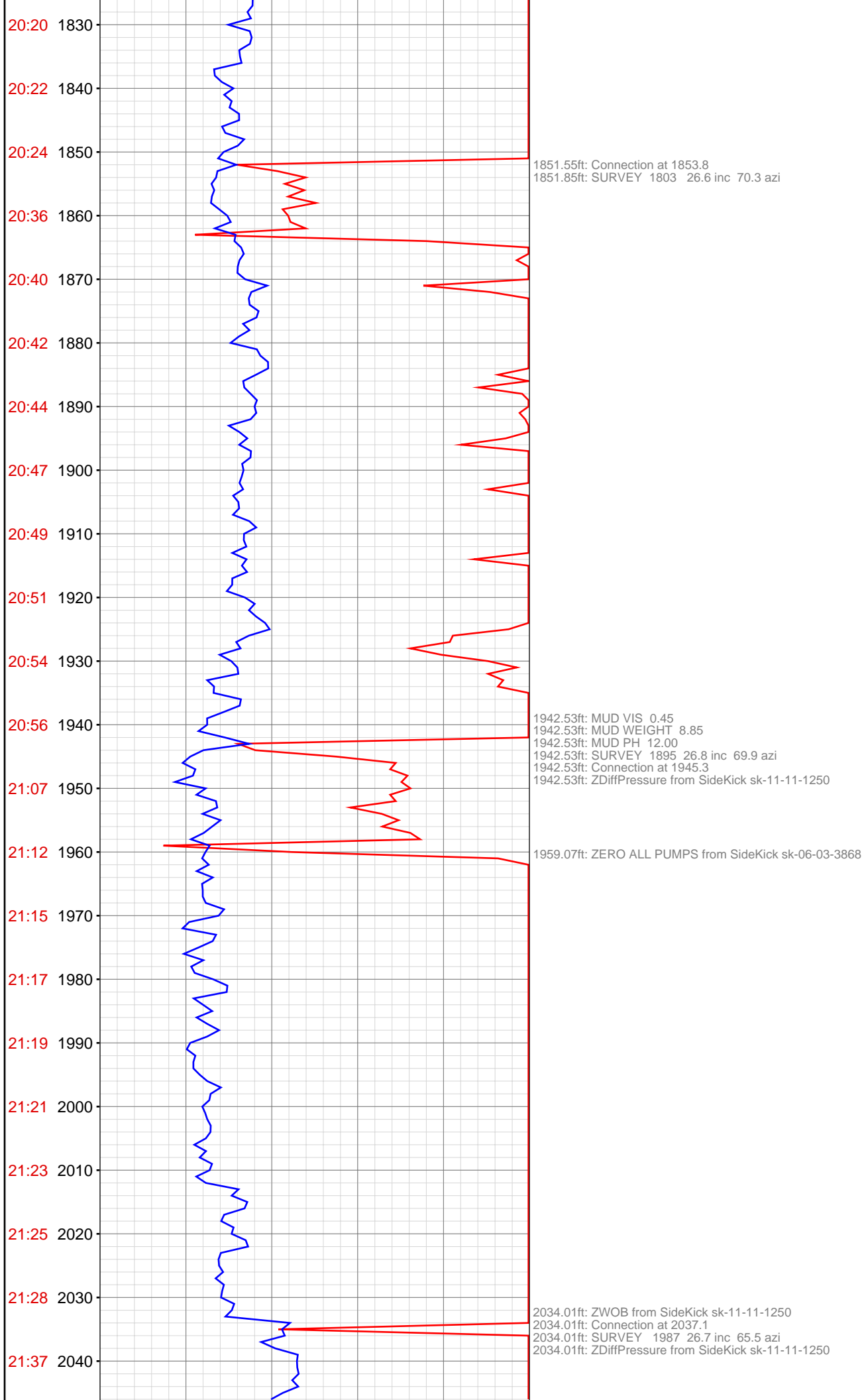


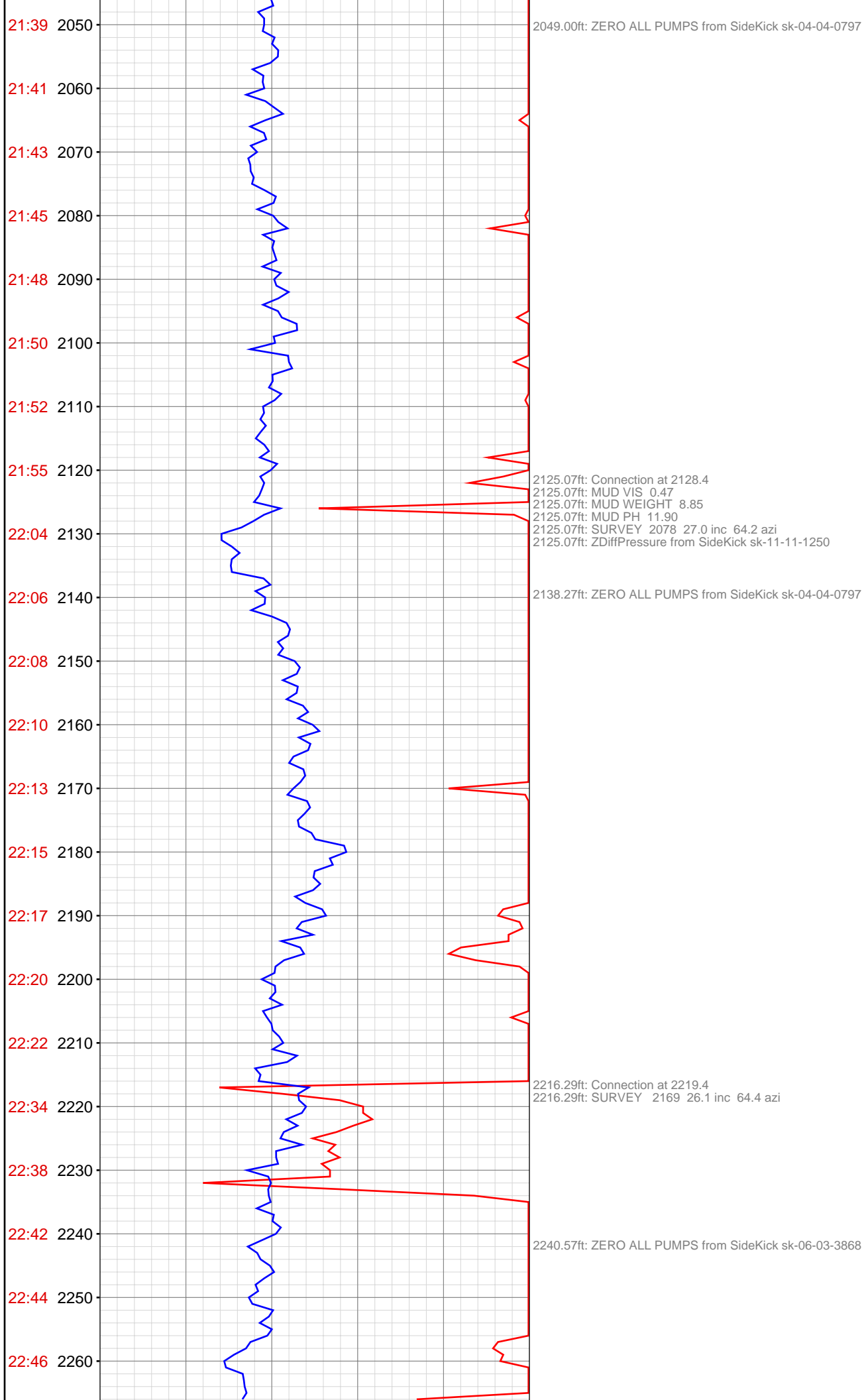


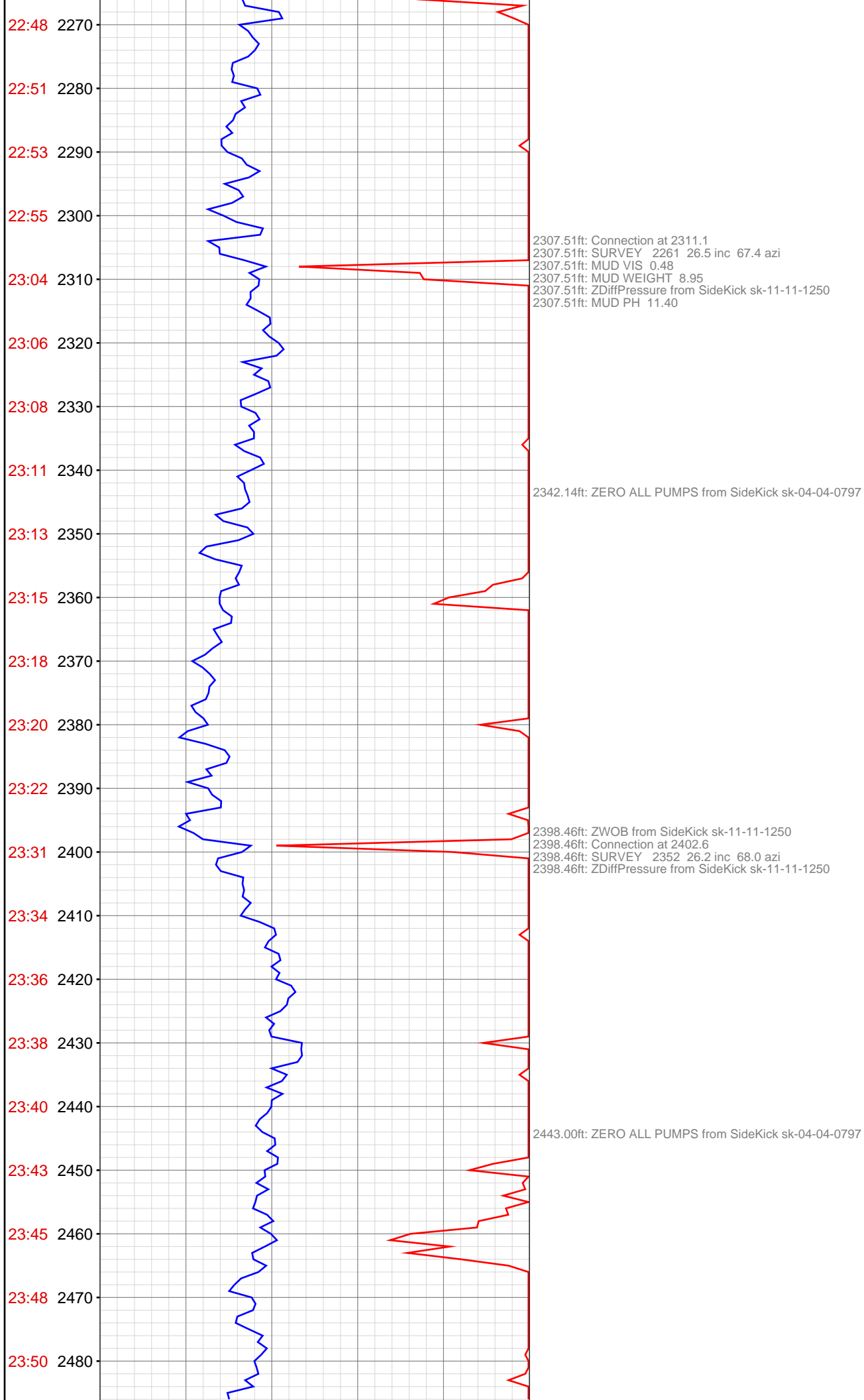


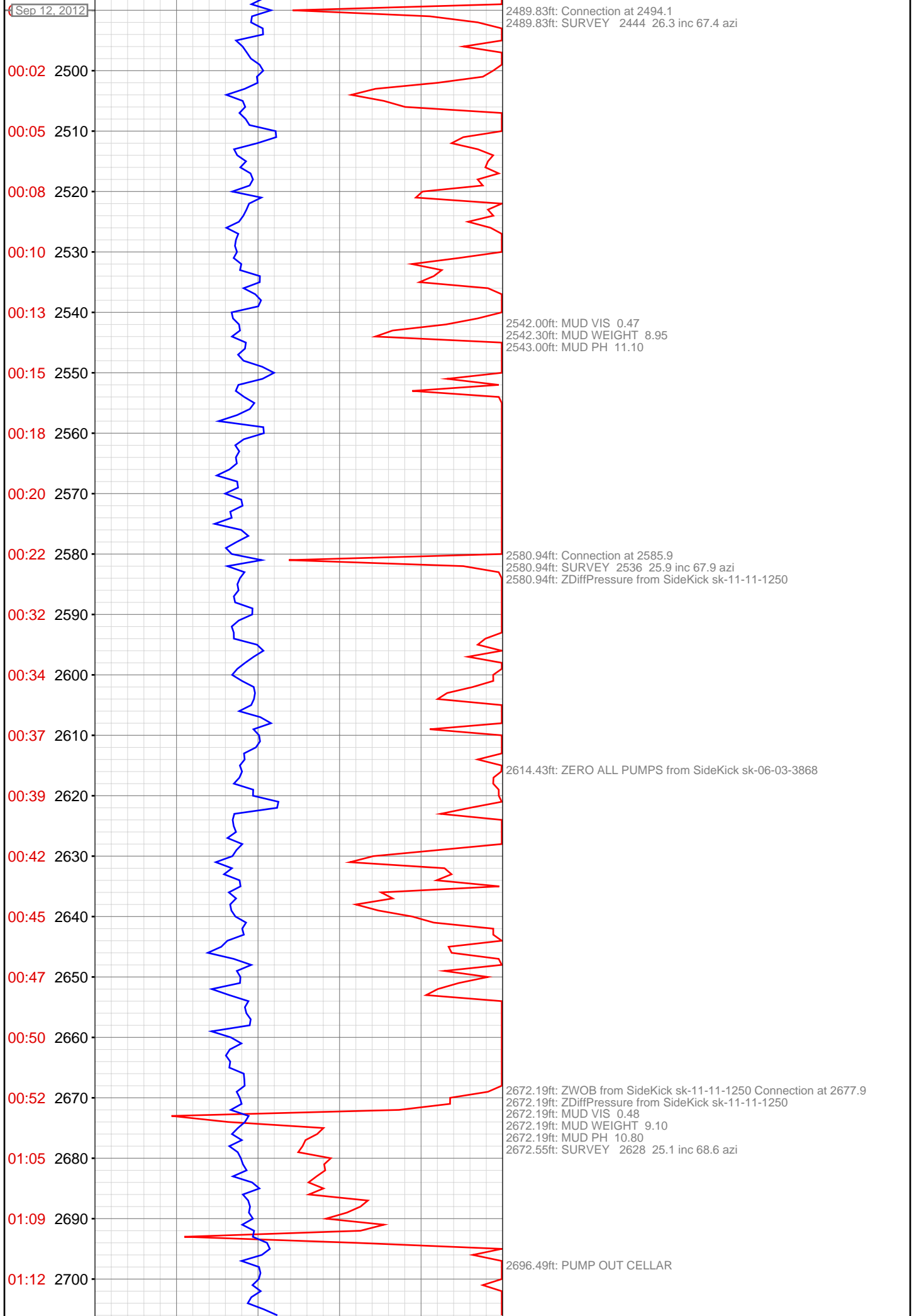


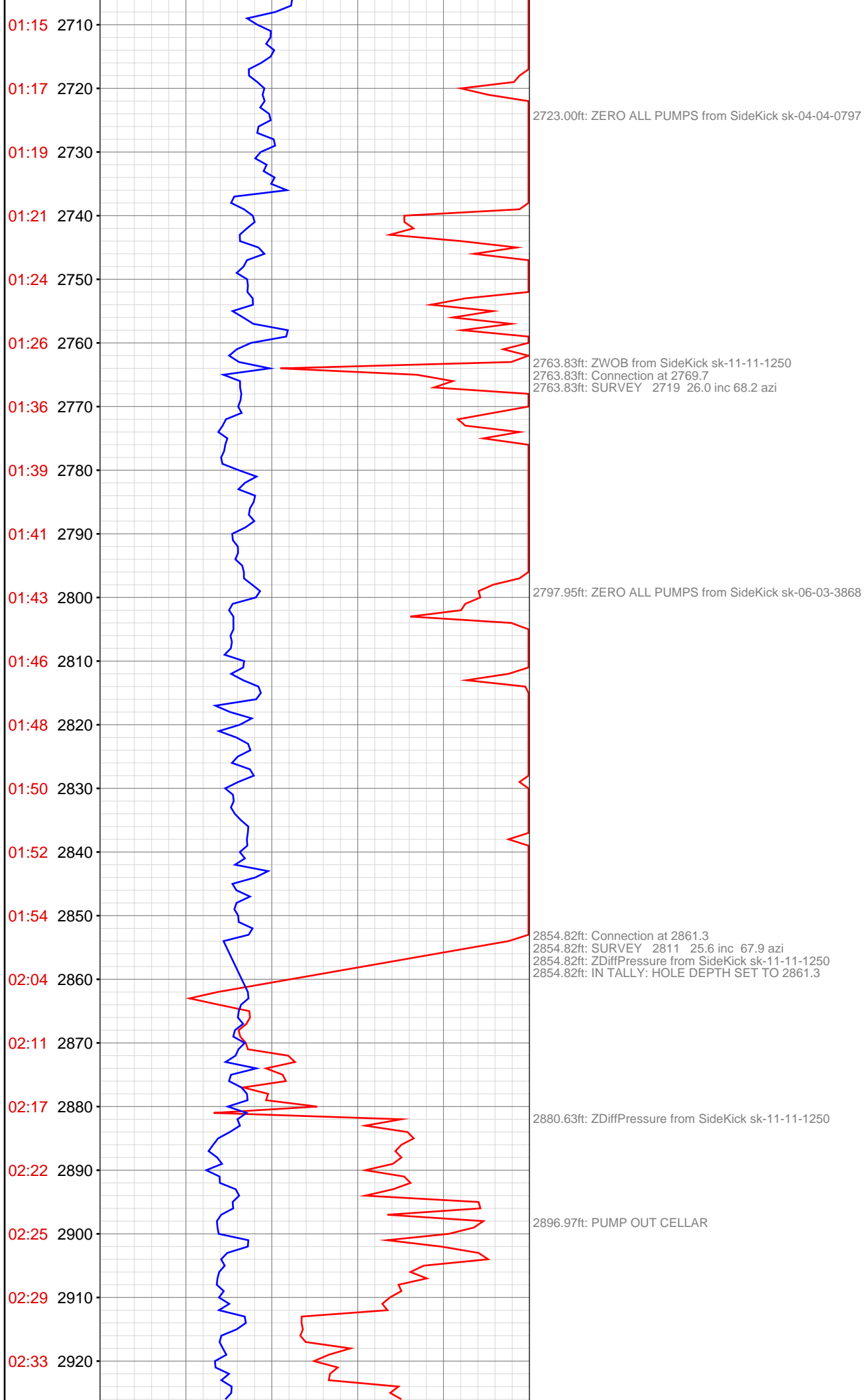


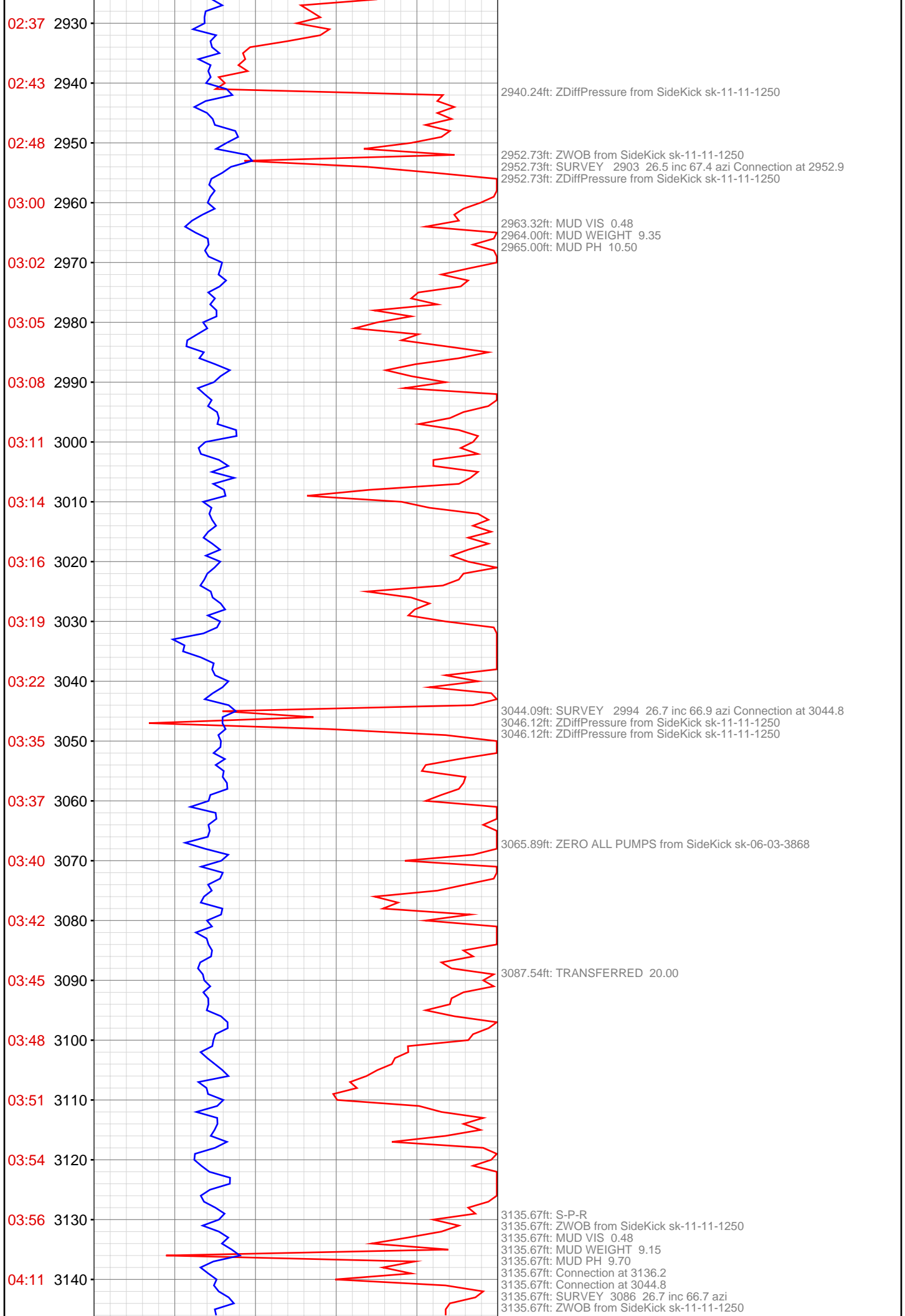


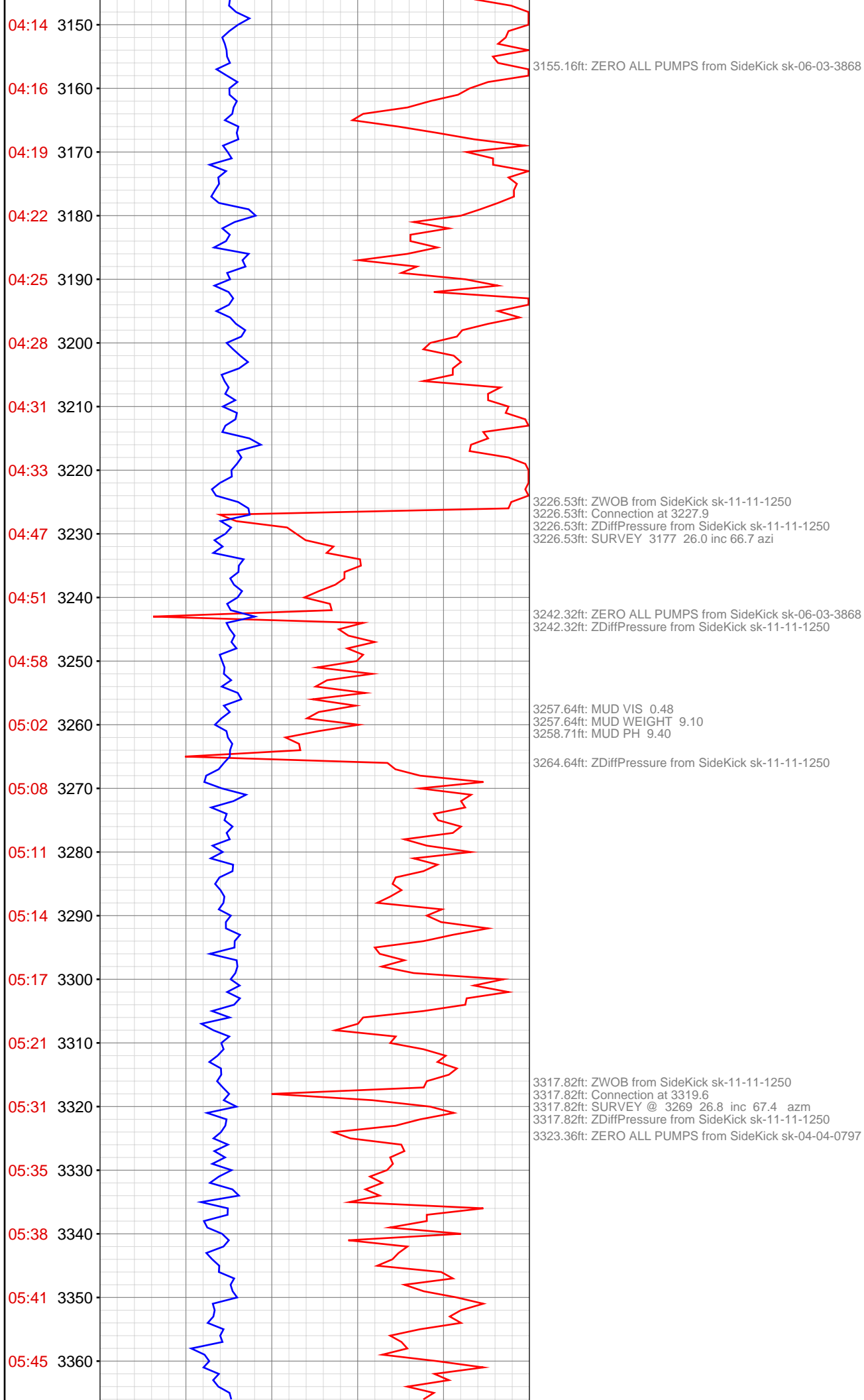


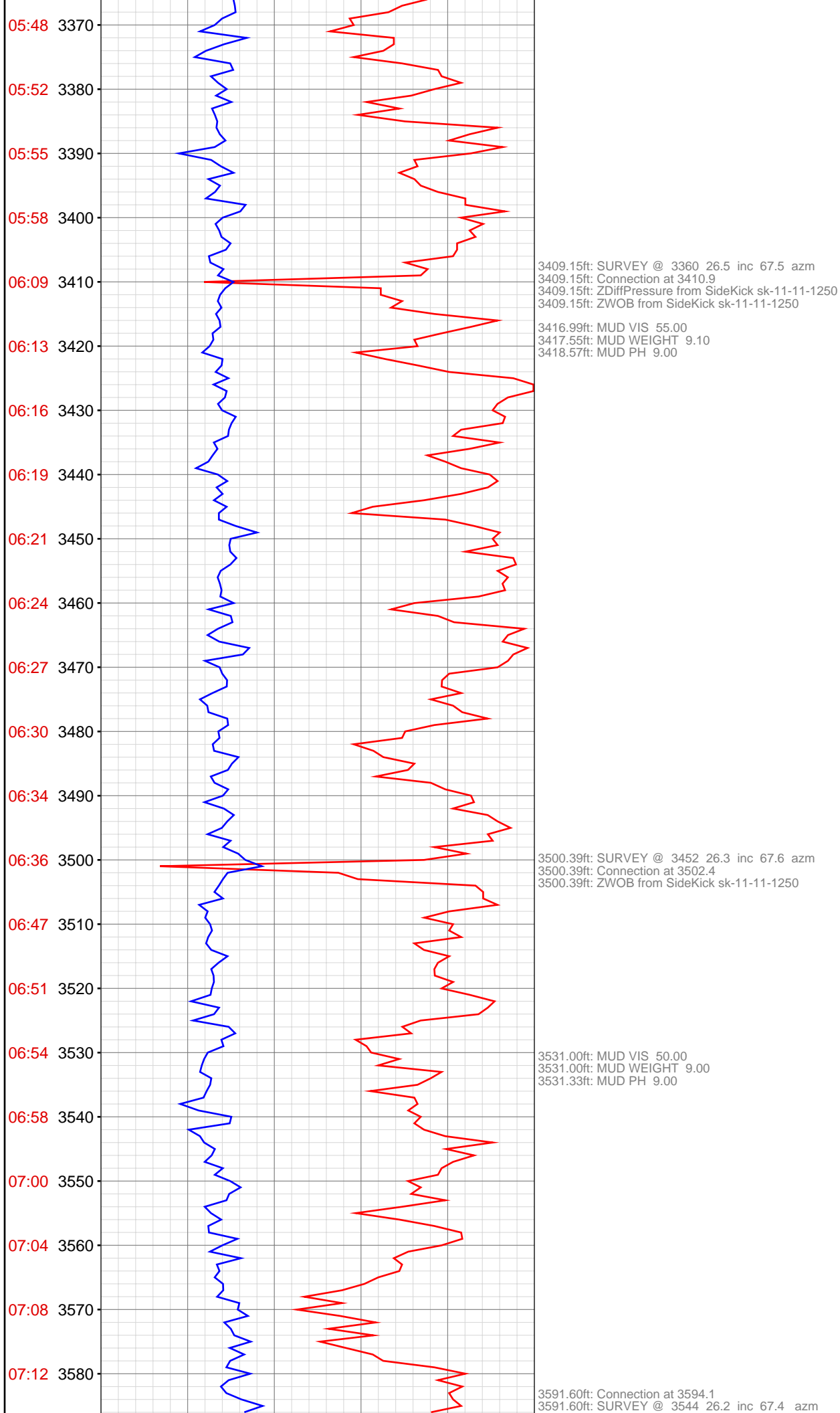


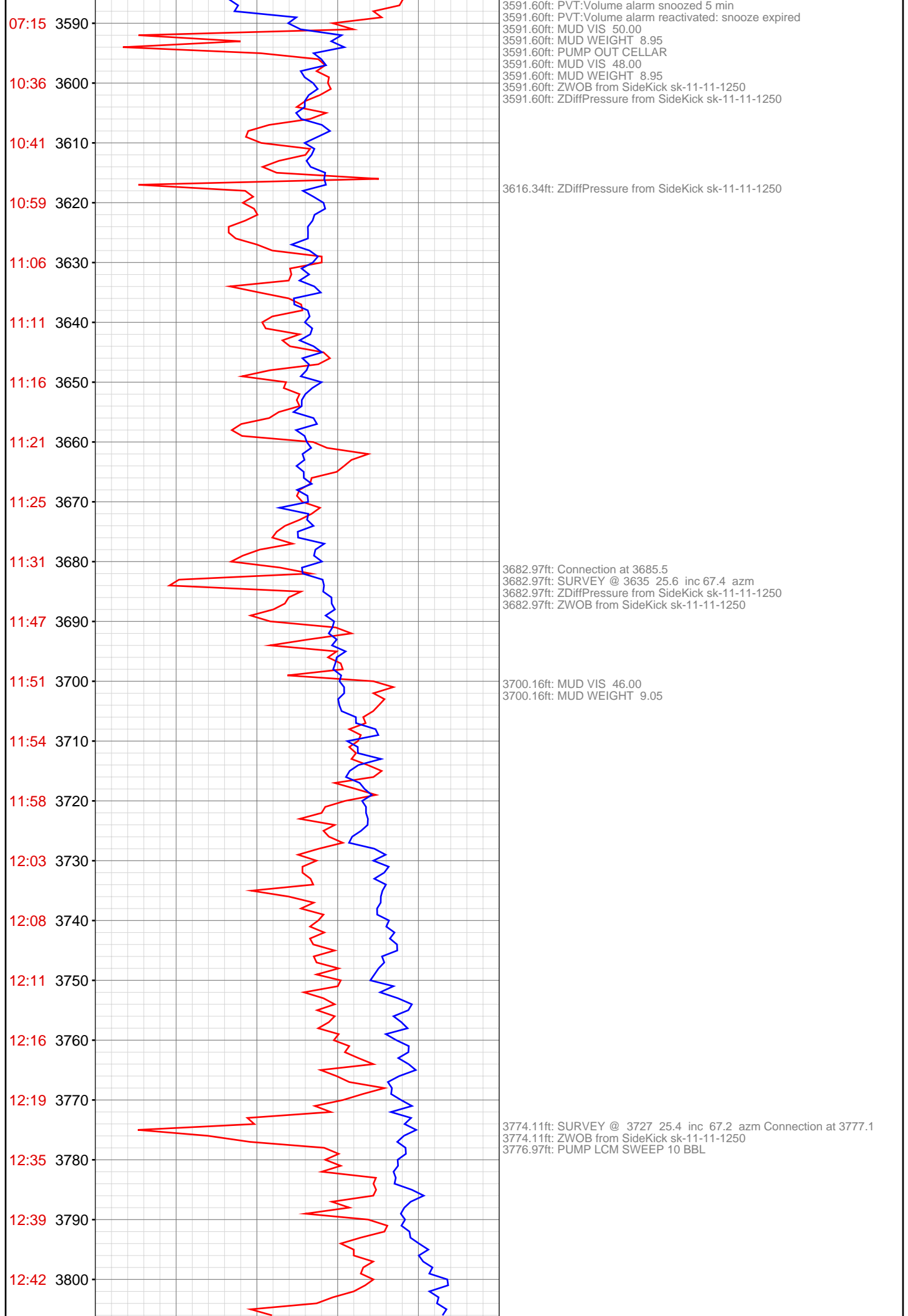


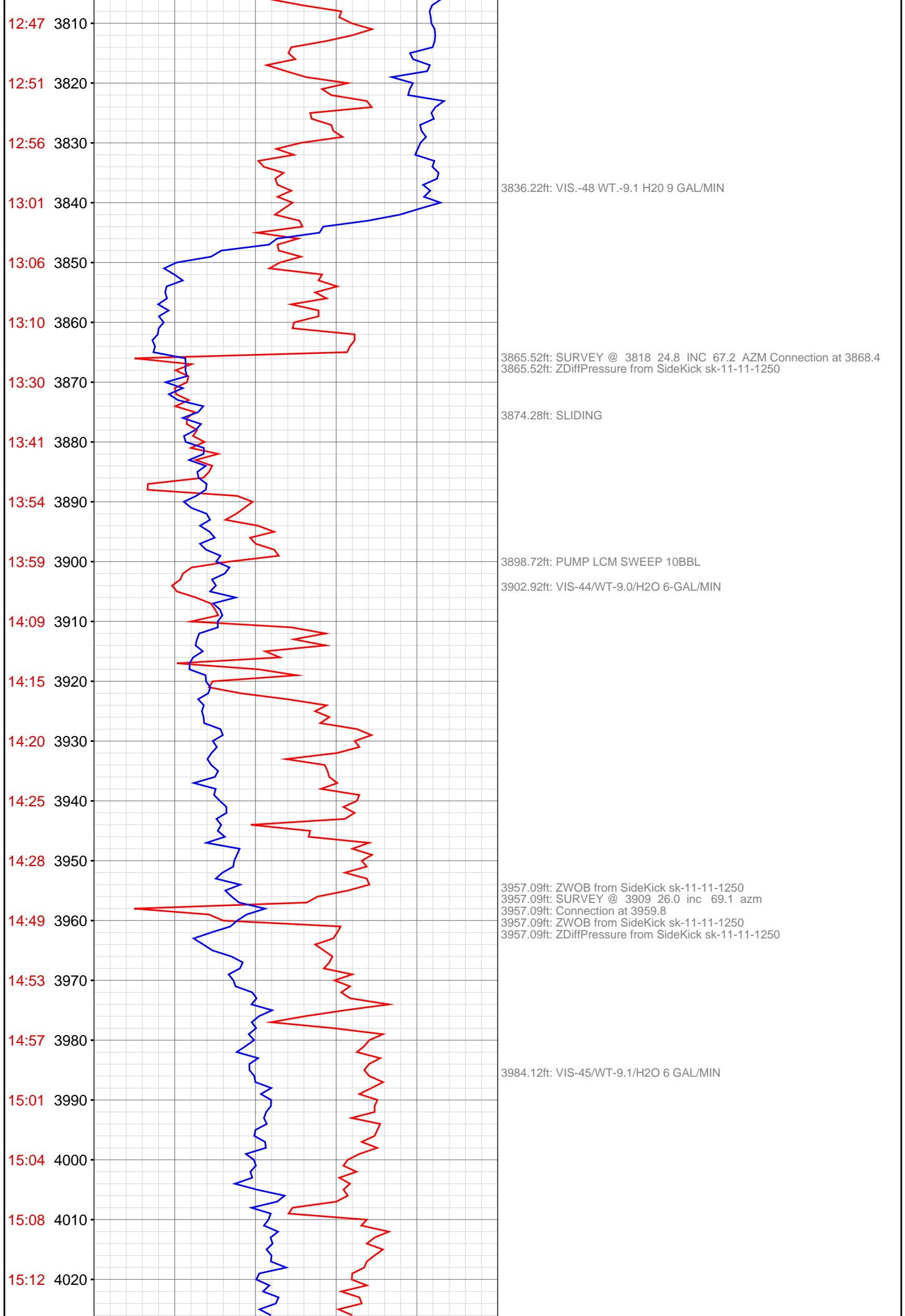


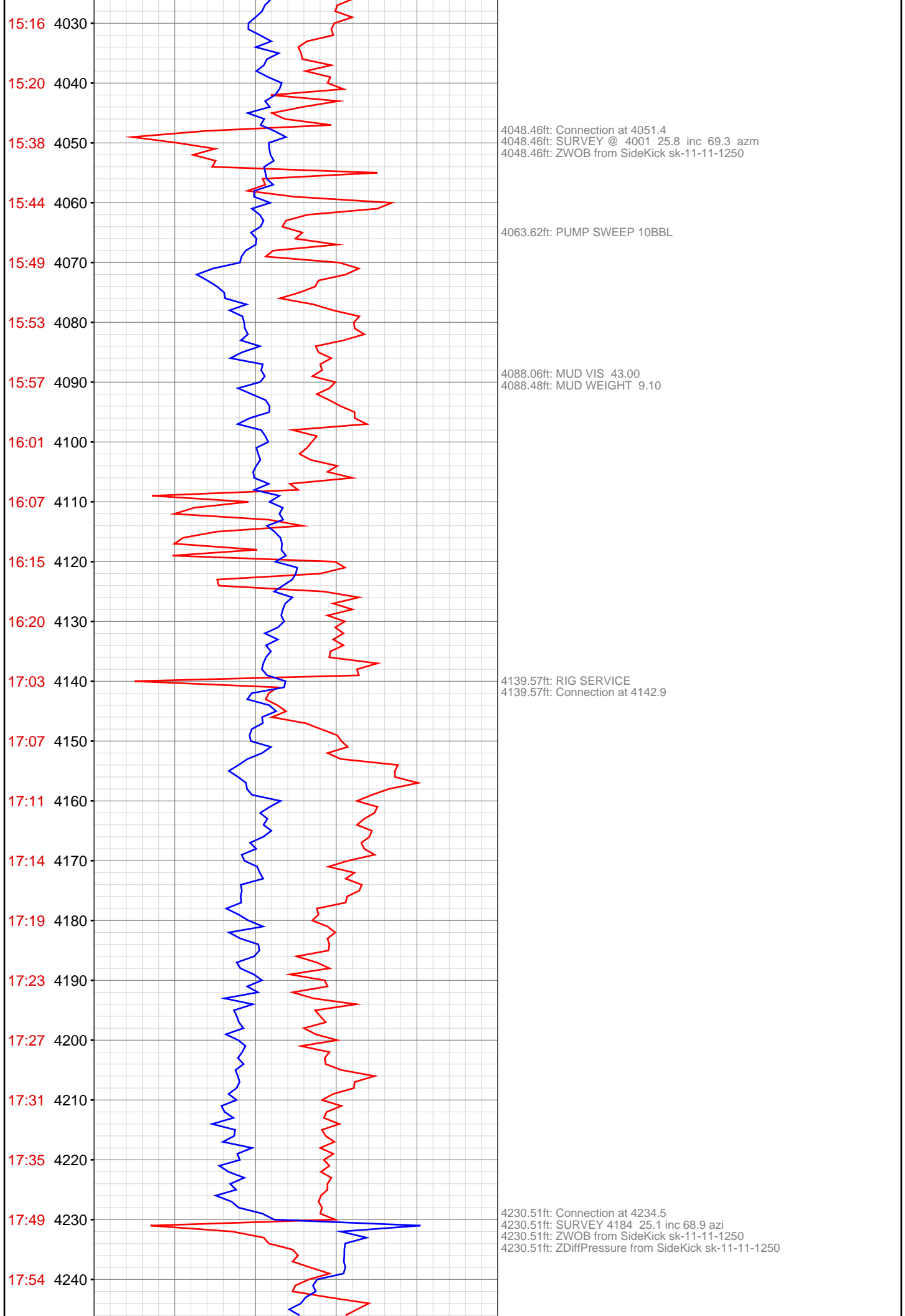


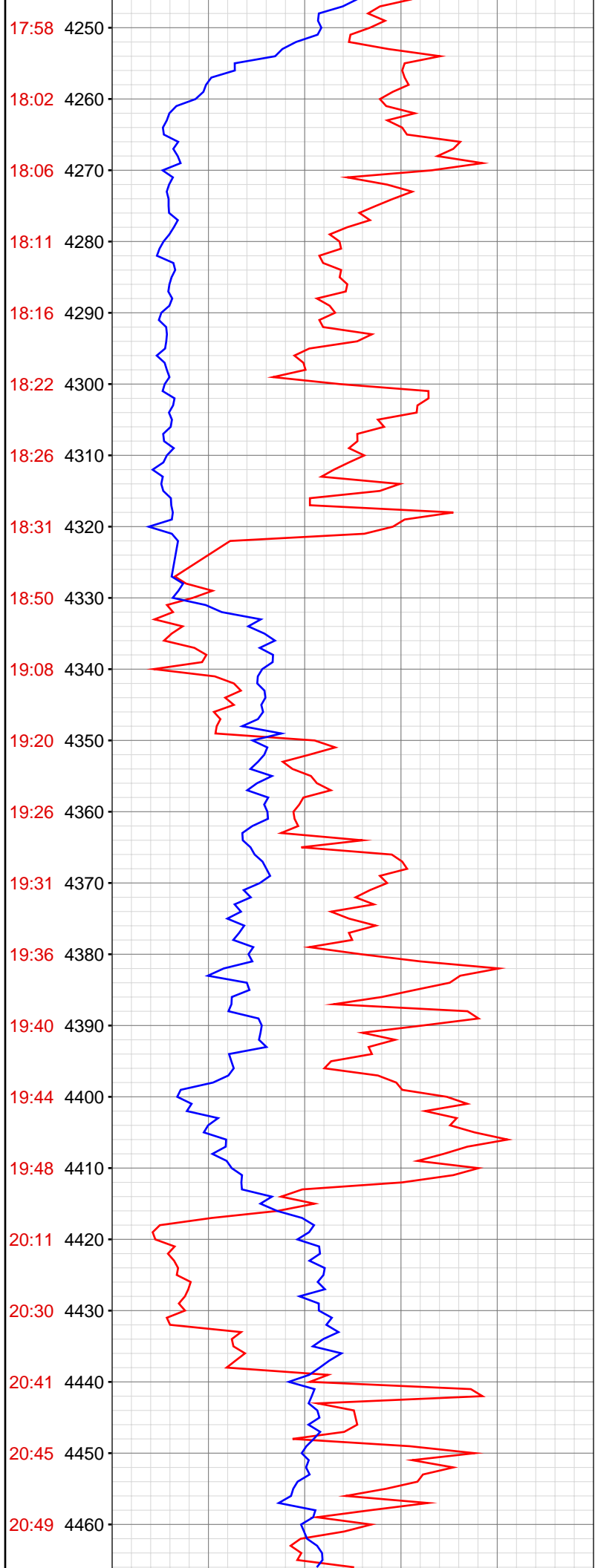












4321.88ft: PVT:Volume alarm muted
4321.88ft: SURVEY 4276 24.0 inc 69.7 azi
4321.88ft: Connection at 4326.3
4322.28ft: IN TALLY: HOLE DEPTH SET TO 4326.3
4330.38ft: MUD WEIGHT 9.15
4330.41ft: MUD VIS 46.00
4330.41ft: MUD PH 8.80

4413.58ft: MUD WEIGHT 9.15
4413.58ft: MUD VIS 43.00
4413.81ft: MUD PH 9.40
4416.70ft: Connection at 4418.0 SURVEY 4367 25.2 inc 68.5 azi

4467.36ft: MUD WEIGHT 9.20
4467.55ft: MUD VIS 43.00
4467.55ft: MUD PH 9.10

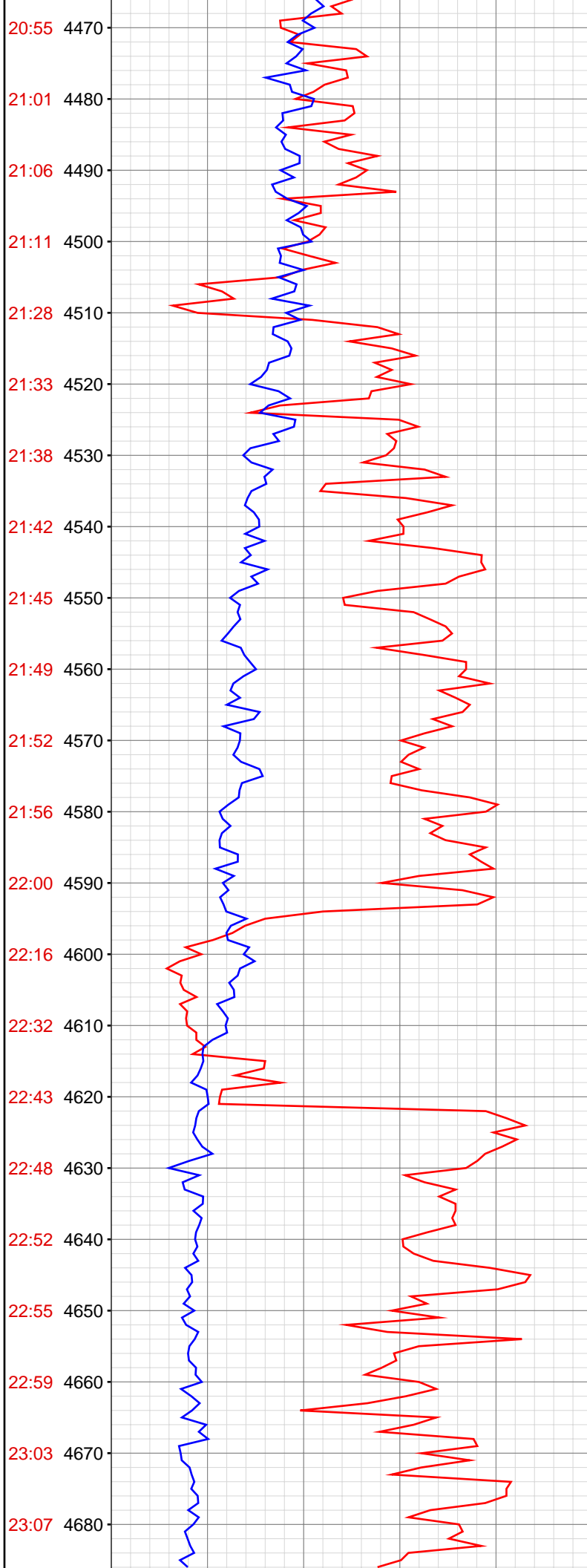
4508.24ft: SURVEY 4459 26.2 inc 68.5 azi
4508.24ft: Connection at 4509.4

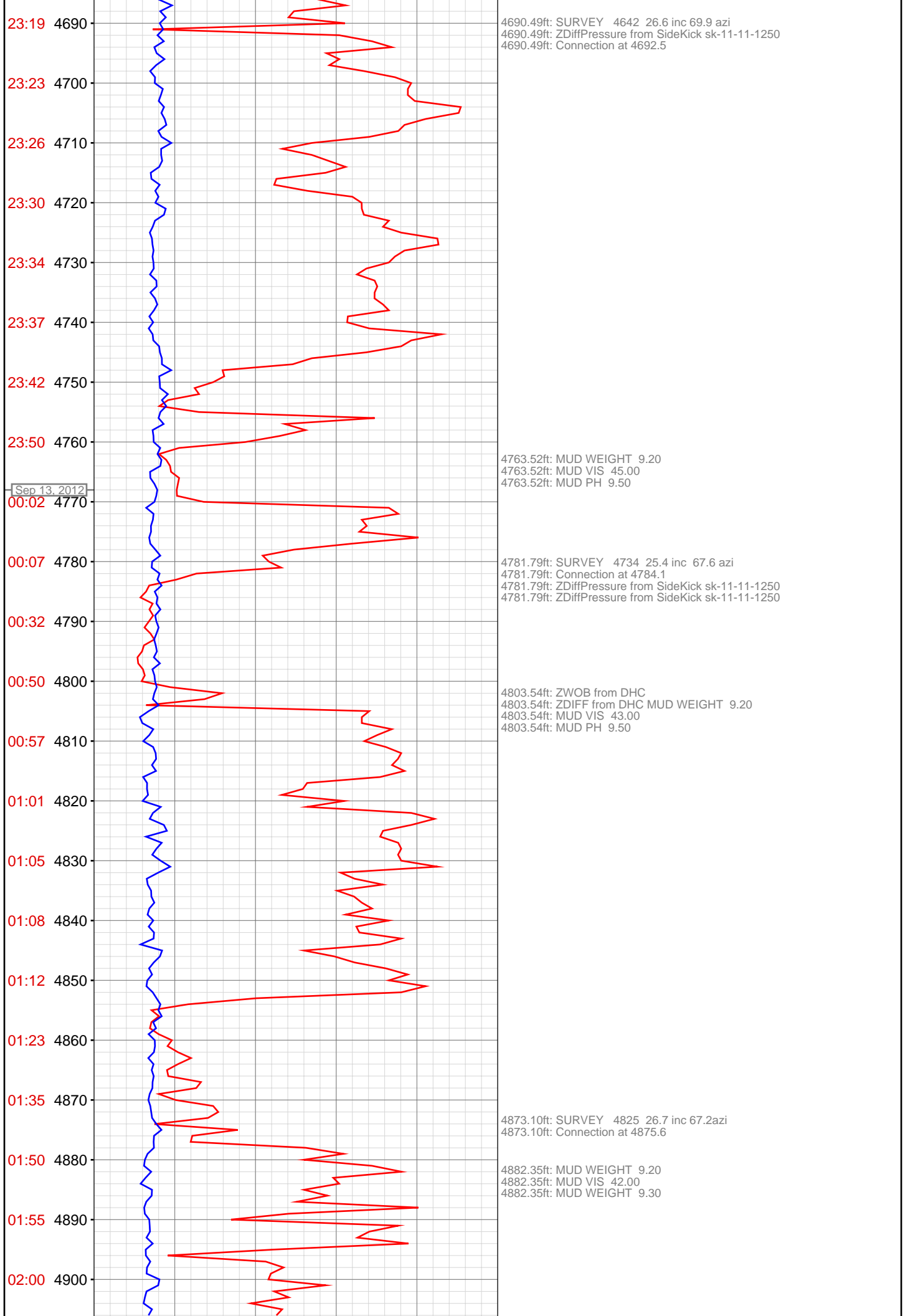
4574.38ft: MUD WEIGHT 9.20
4574.38ft: MUD VIS 44.00
4574.38ft: MUD PH 9.30

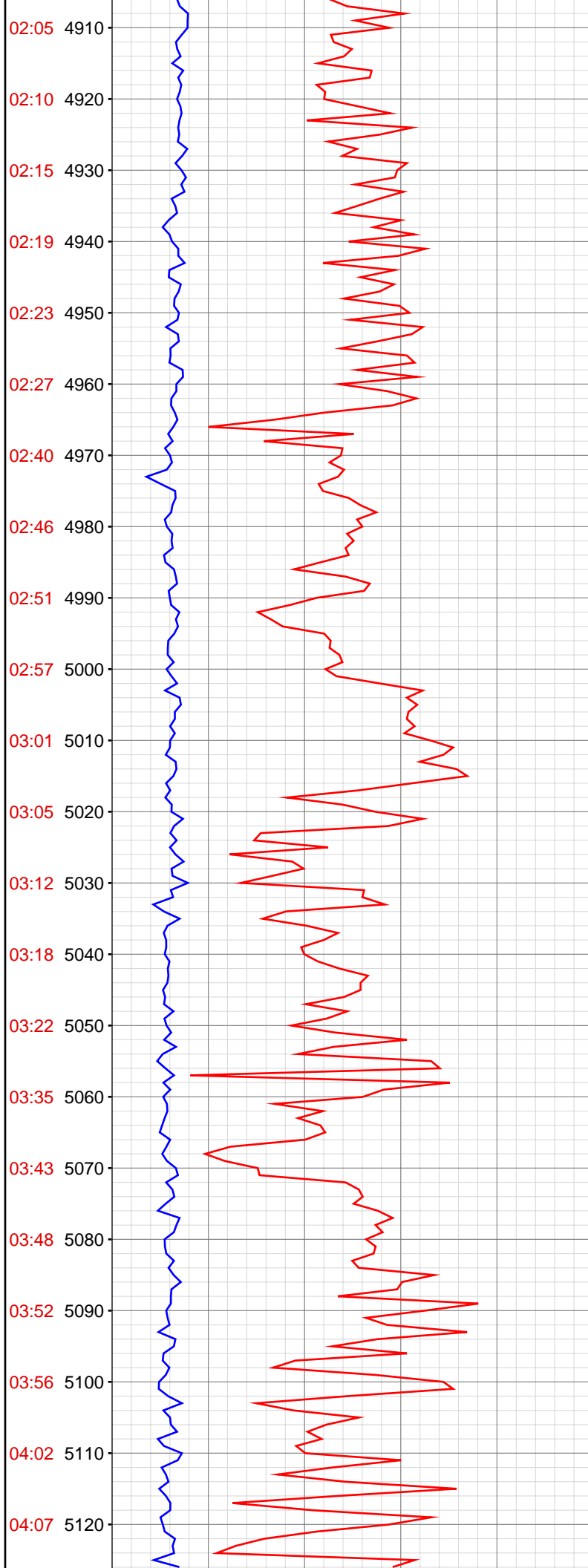
4598.88ft: SURVEY 4550 25.7 inc 67.1 azi
4598.88ft: Connection at 4601.0

4620.34ft: ZWOB from DHC
4620.34ft: ZDIFF from DHC

4655.22ft: MUD WEIGHT 9.20
4655.68ft: MUD VIS 43.00
4655.68ft: MUD PH 9.10





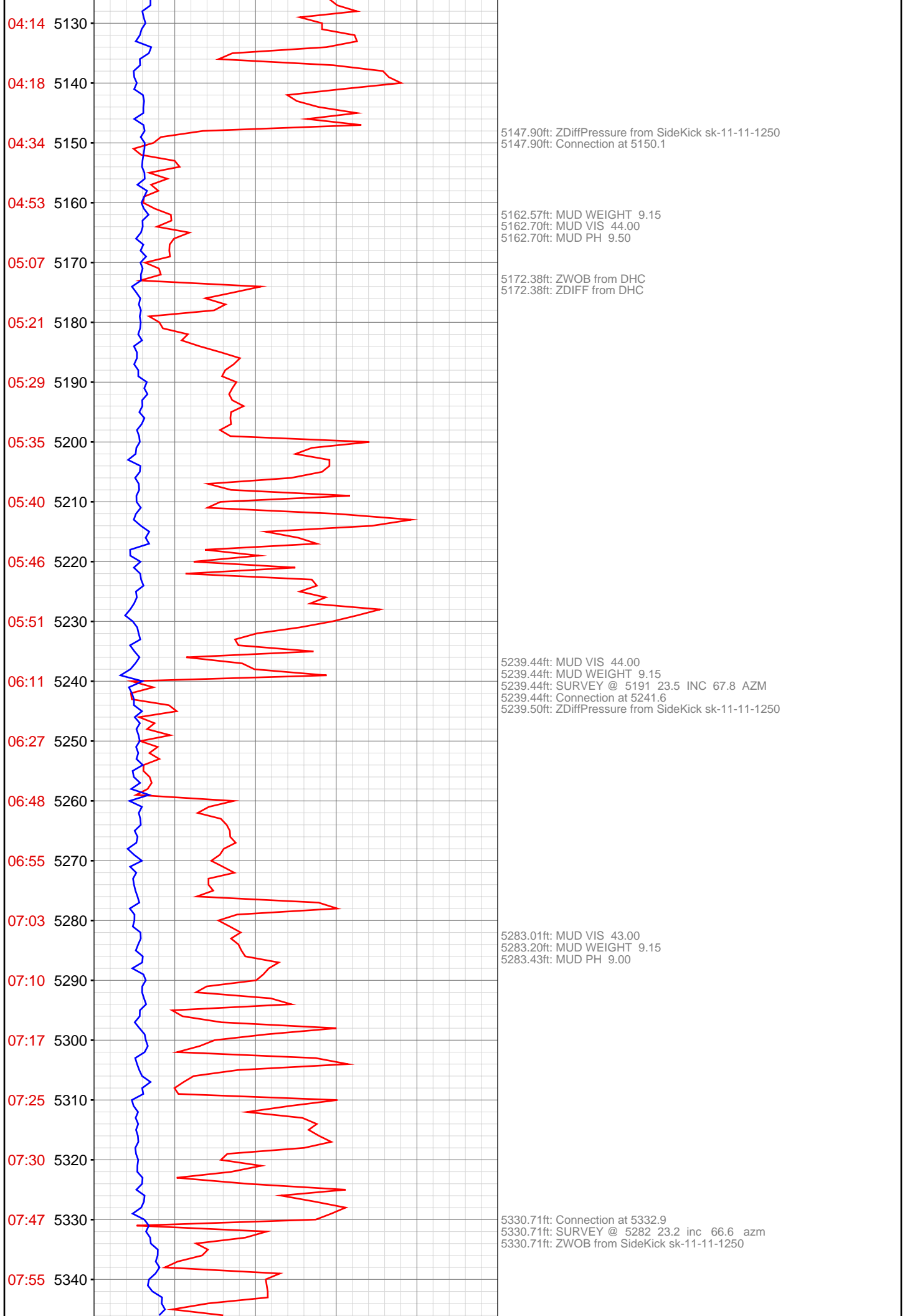


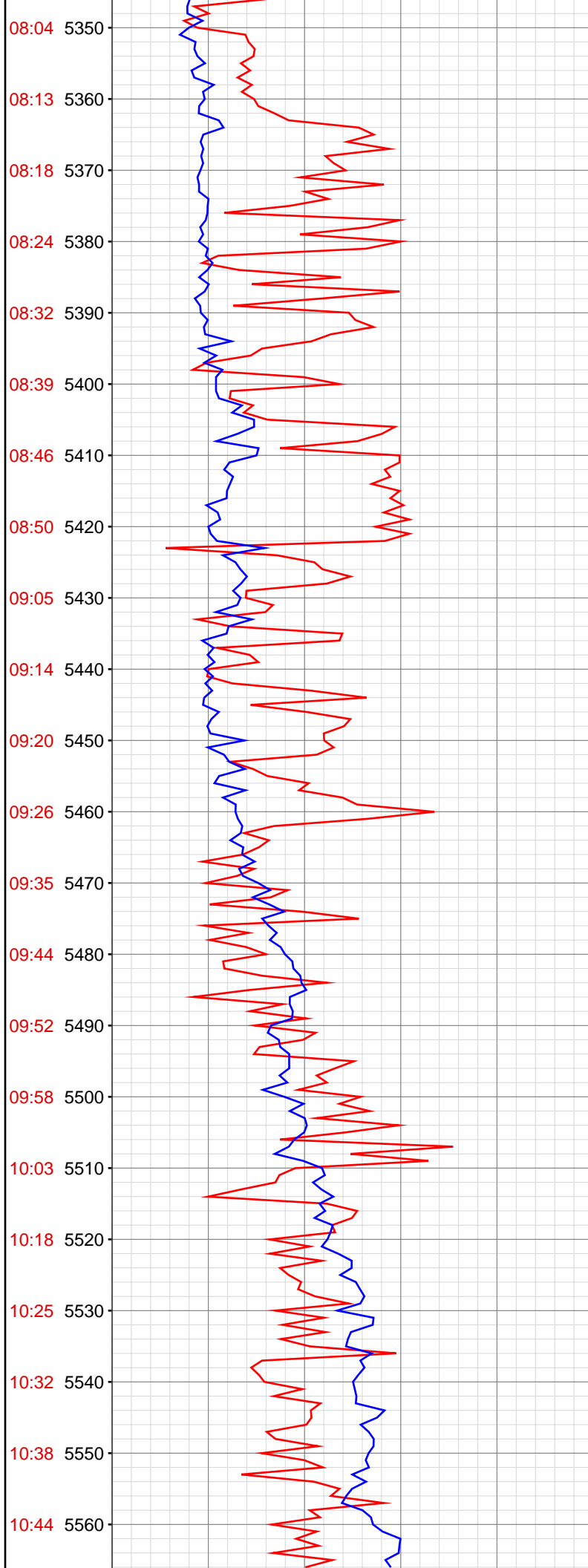
4964.83ft: SURVEY 4917 25.8 inc 67.9 azi
4964.83ft: ZDiffPressure from SideKick sk-11-11-1250
4965.06ft: Connection at 4967.4

4999.90ft: MUD WEIGHT 9.20
5000.00ft: MUD VIS 43.00
5000.16ft: MUD PH 9.40

5056.43ft: ZDiffPressure from SideKick sk-11-11-1250
5056.43ft: Connection at 5058.8
5056.43ft: ZDIFF from DHC

5108.30ft: MUD WEIGHT 9.15
5108.30ft: MUD VIS 42.00
5108.56ft: MUD PH 9.50

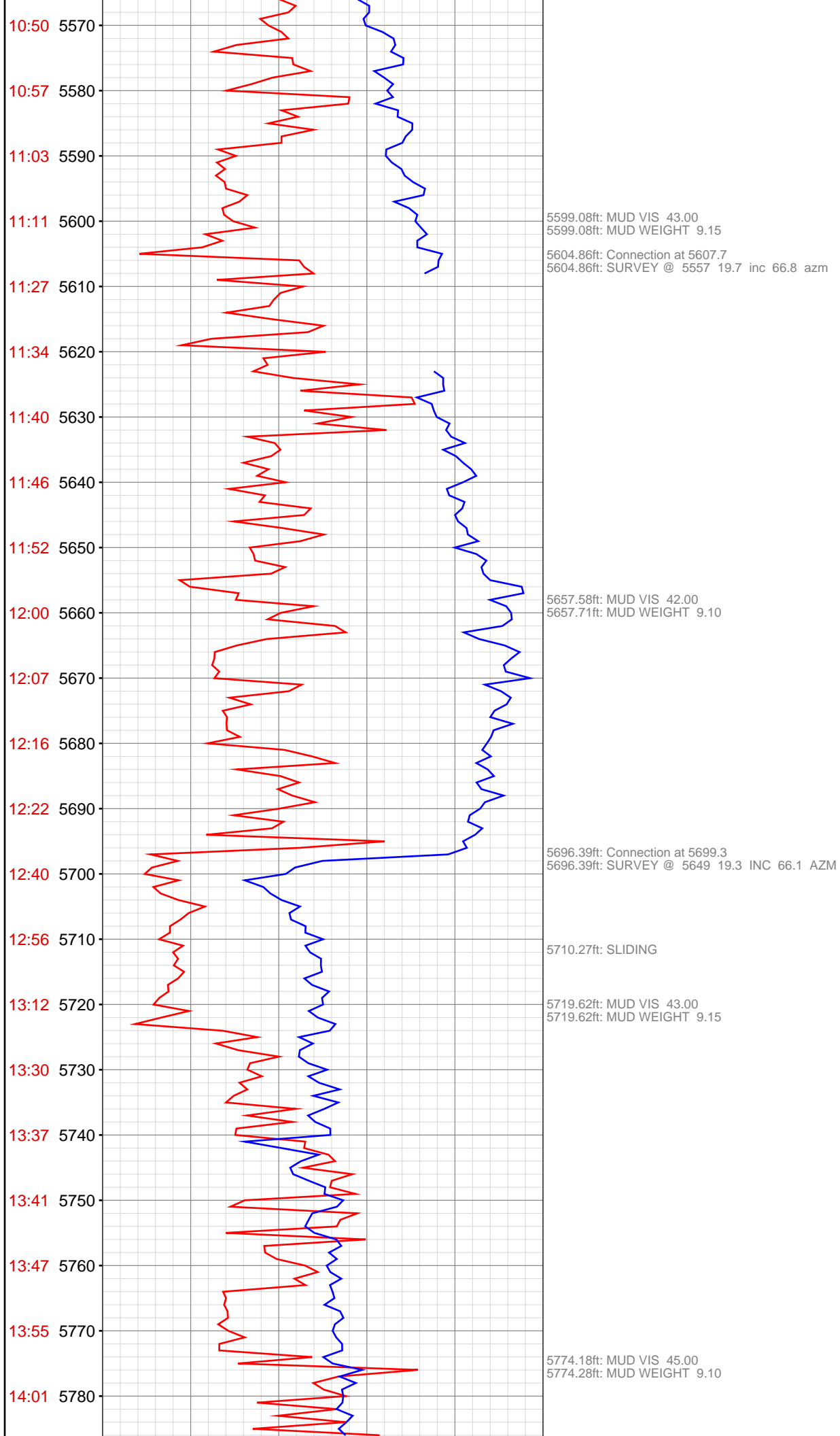




5370.01ft: MUD VIS 42.00
5370.14ft: MUD WEIGHT 9.20

5422.18ft: Connection at 5424.8
5422.18ft: SURVEY @ 5374 22.2 inc 66.1 azm
5422.77ft: MUD VIS 43.00
5423.00ft: MUD WEIGHT 9.10

5513.65ft: Connection at 5516.3
5513.65ft: SURVEY @ 5466 20.6 inc 66.5 azm
5513.65ft: ZWOB from SideKick sk-11-11-1250



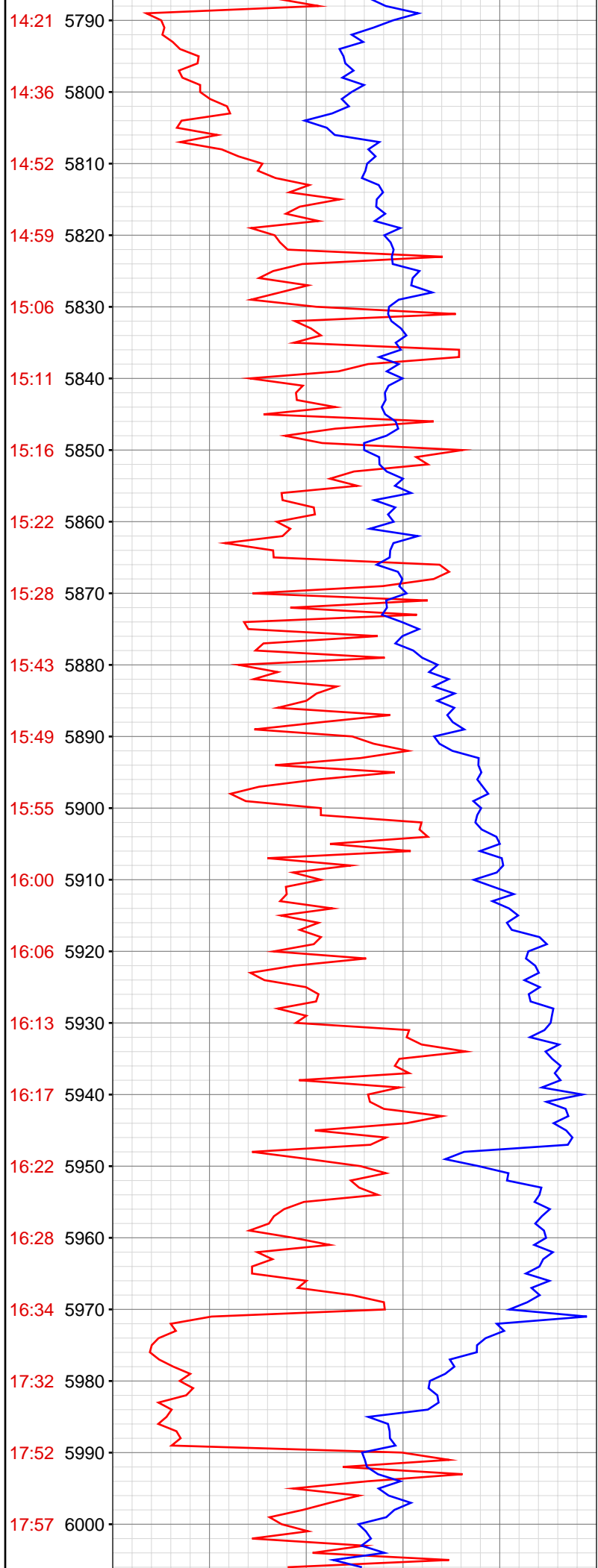
5788.06ft: SURVEY @ 5740 16.6 INC 68.9 AzM Connection at 5790.6
5788.06ft: ZDiffPressure from SideKick sk-11-11-1250

5879.49ft: Connection at 5882.3
5879.49ft: ZWOB from SideKick sk-11-11-1250
5879.49ft: ZDiffPressure from SideKick sk-11-11-1250
5879.49ft: SURVEY @ 5832 14.7 inc 67.4 azm

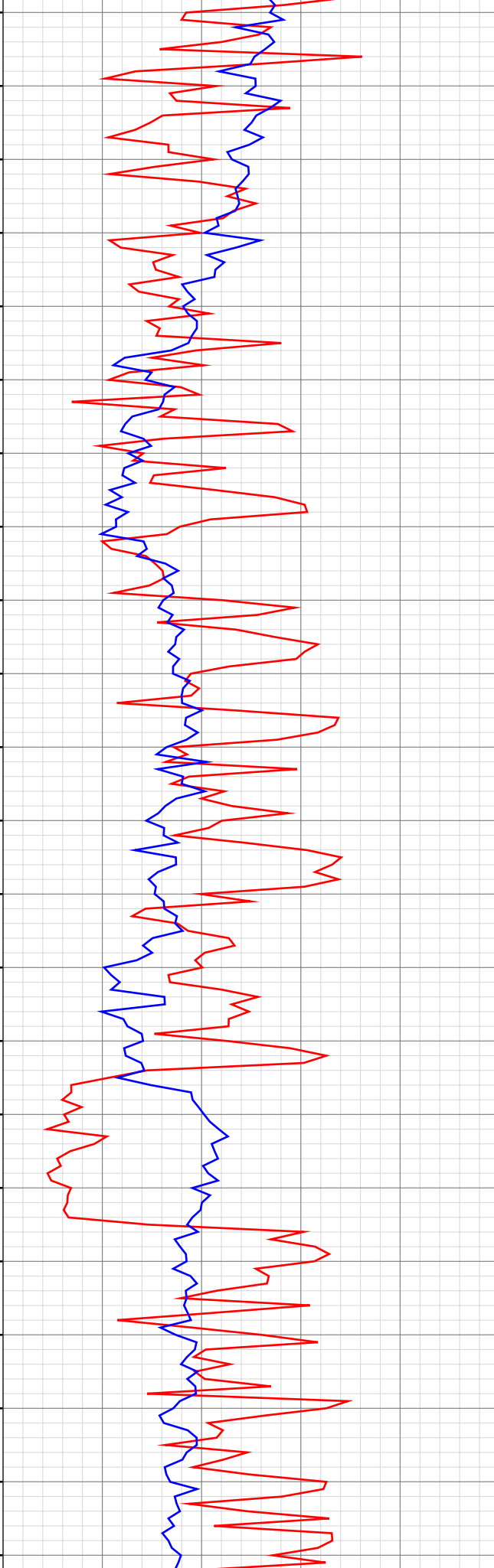
5915.29ft: MUD VIS 42.00
5915.29ft: MUD WEIGHT 9.15

5970.93ft: RIG SERVICE
5970.93ft: Connection at 5973.9
5970.93ft: SURVEY 5923 14.2 inc 66.5 azi

5982.51ft: MUD VIS 42.00
5982.55ft: MUD WEIGHT 9.15



18:02 6010
18:09 6020
18:17 6030
18:24 6040
18:31 6050
18:38 6060
18:53 6070
19:00 6080
19:08 6090
19:13 6100
19:19 6110
19:24 6120
19:29 6130
19:36 6140
19:41 6150
20:01 6160
20:21 6170
20:34 6180
20:40 6190
20:45 6200
20:50 6210
20:55 6220



6027.20ft: MUD WEIGHT 9.15
6027.46ft: MUD PH 8.70
6027.85ft: MUD VIS 40.00

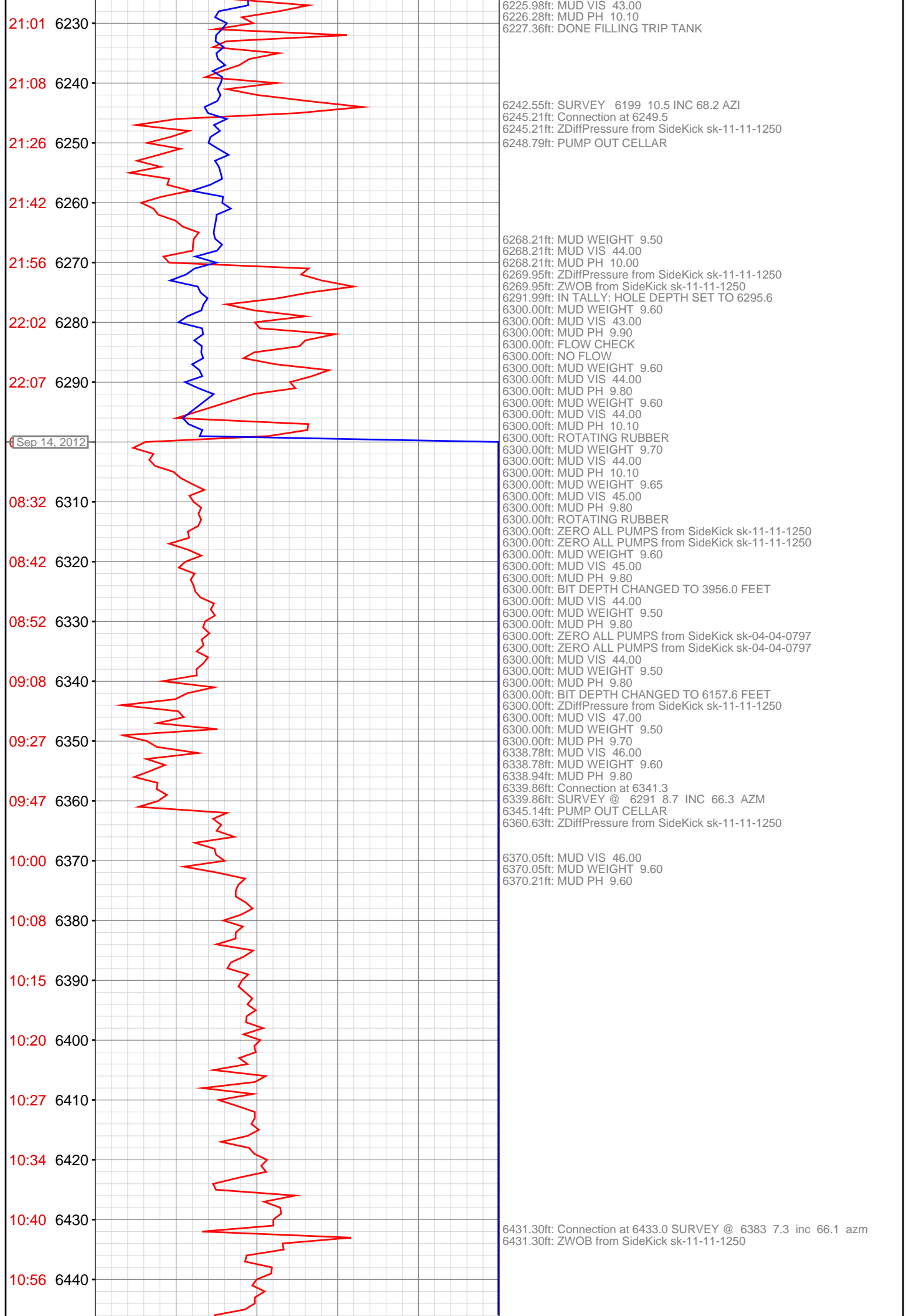
6062.34ft: SURVEY 6015 11.9 inc 65.6 azi
6062.34ft: ZDiffPressure from SideKick sk-11-11-1250
6062.34ft: Connection at 6065.8
6062.34ft: ZWOB from SideKick sk-11-11-1250

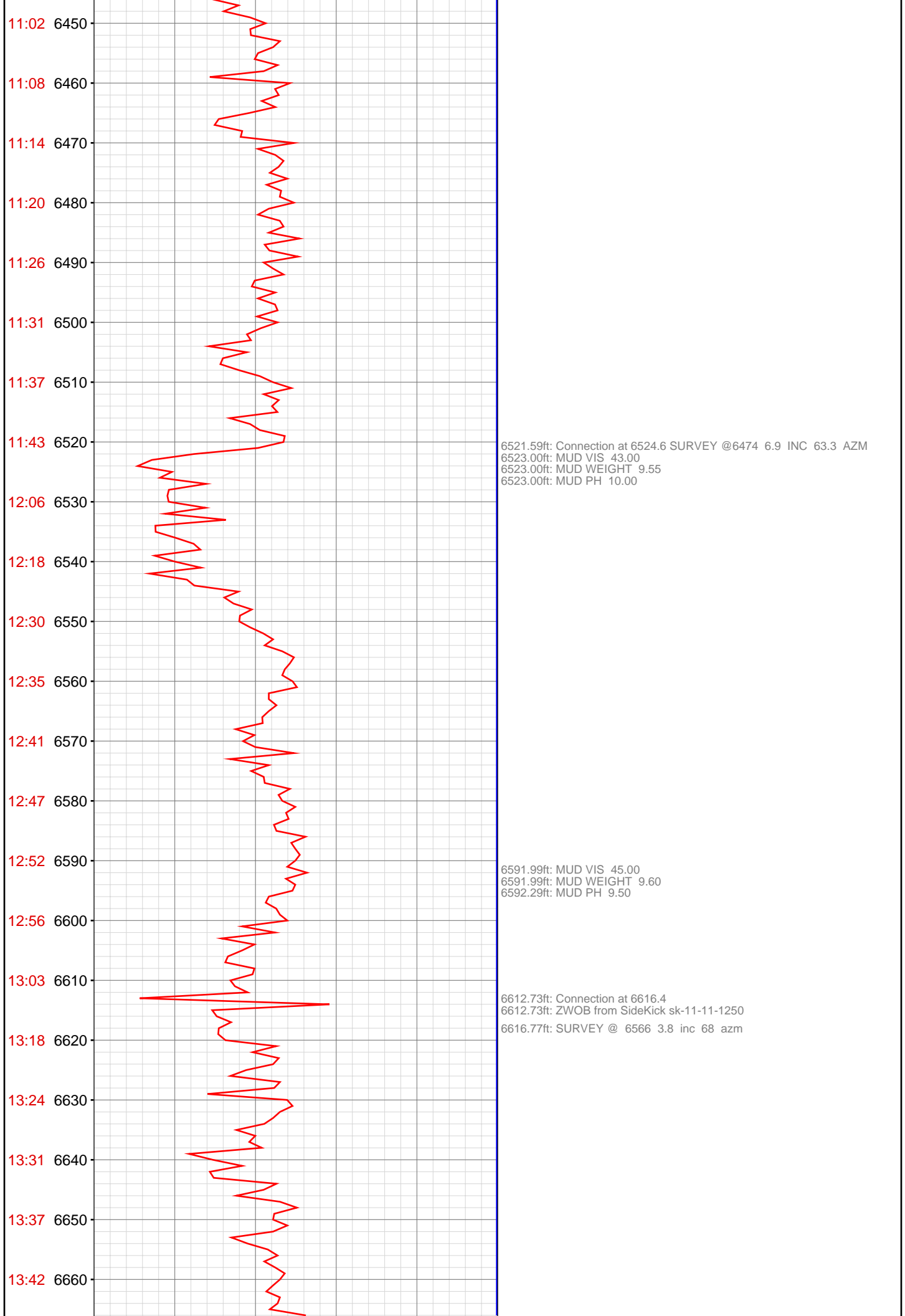
6075.59ft: MUD WEIGHT 9.30
6075.98ft: MUD VIS 43.00
6075.98ft: MUD PH 9.70

6153.90ft: SURVEY 6107 11.8 INC 65.8 AZI
6153.90ft: Connection at 6157.6
6156.14ft: MUD WEIGHT 9.50
6156.14ft: MUD VIS 42.00
6156.14ft: MUD PH 9.60

6167.78ft: FILL TRIP TANK

6225.98ft: MUD WEIGHT 9.55





13:47 6670
13:54 6680
14:02 6690
14:08 6700
14:24 6710
14:31 6720
14:38 6730
14:43 6740
14:49 6750
14:55 6760
15:01 6770
15:08 6780
15:16 6790
15:34 6800
16:11 6810
16:33 6820
16:39 6830
16:46 6840
16:51 6850
16:58 6860
17:04 6870
17:12 6880

6681.99ft: MUD VIS 46.00
6682.32ft: MUD WEIGHT 9.80
6682.32ft: MUD PH 0.00
6682.48ft: MUD WEIGHT 9.60
6682.71ft: MUD PH 9.80

6703.74ft: Connection at 6708.1
6703.74ft: SURVEY @ 6658 3.7 inc 65.8 azm
6703.74ft: ZWOB from SideKick sk-11-11-1250

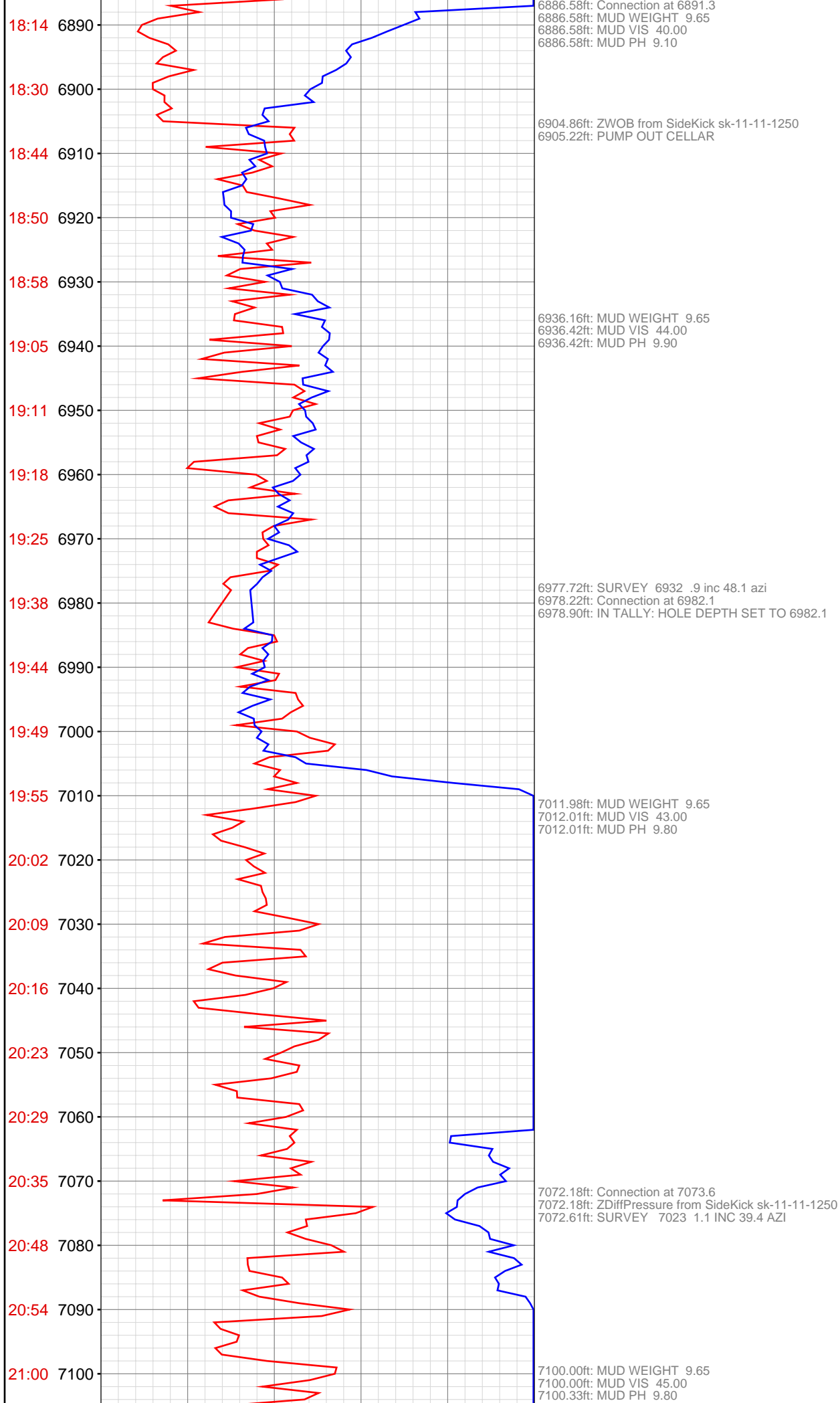
6767.78ft: MUD VIS 44.00
6767.78ft: MUD WEIGHT 9.65
6767.91ft: MUD PH 9.60

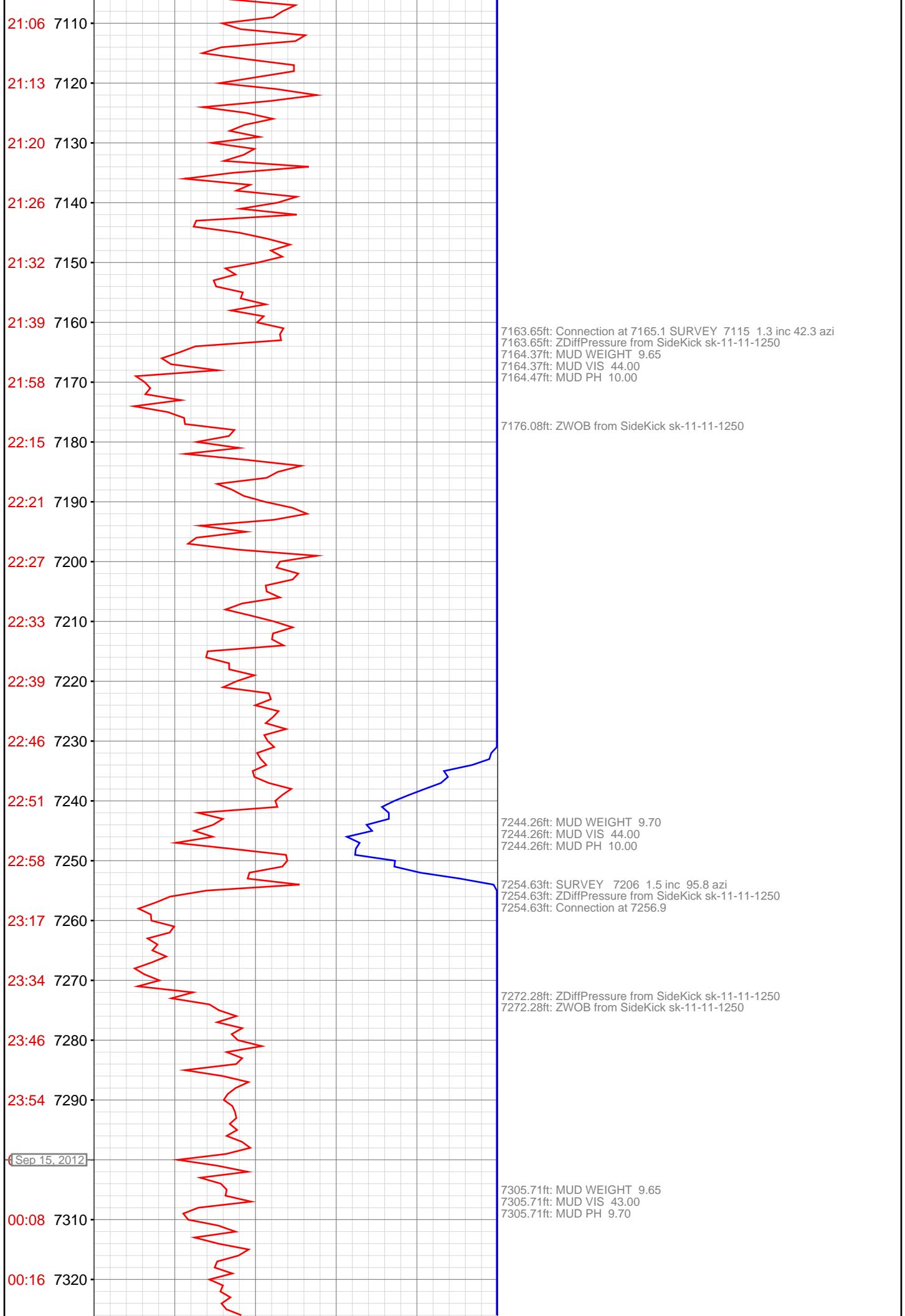
6795.28ft: Connection at 6799.9
6795.28ft: SURVEY @ 6749 4.1 INC 62.1 AZM
6803.64ft: ZDiffPressure from SideKick sk-11-11-1250
6804.46ft: MUD VIS 46.00
6804.46ft: MUD WEIGHT 9.65
6804.46ft: MUD PH 9.90
6804.46ft: ZDiffPressure from SideKick sk-11-11-1250

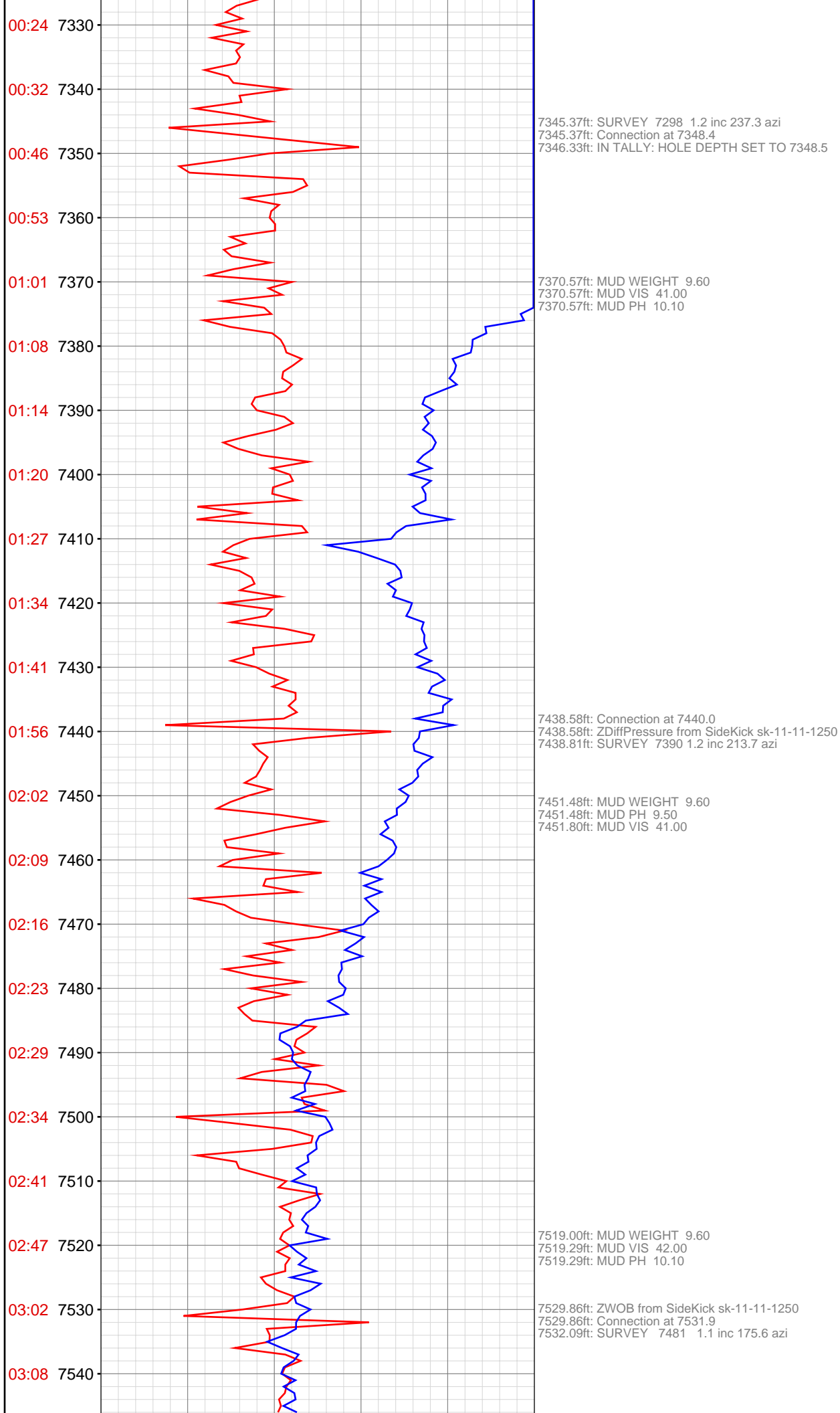
6815.68ft: ZDiffPressure from SideKick sk-11-11-1250

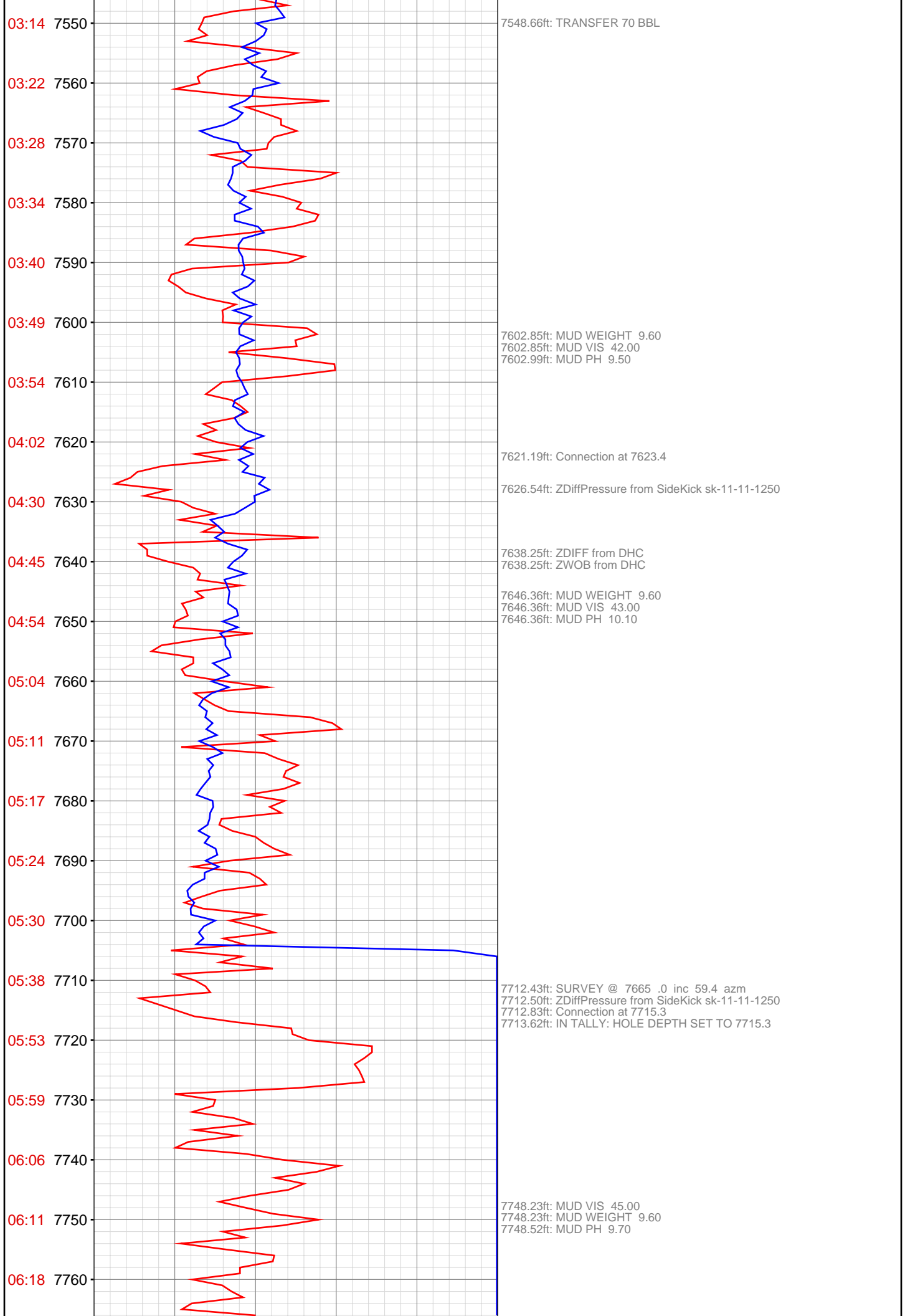
6856.37ft: MUD VIS 44.00
6856.37ft: MUD WEIGHT 9.65
6856.63ft: MUD PH 9.90

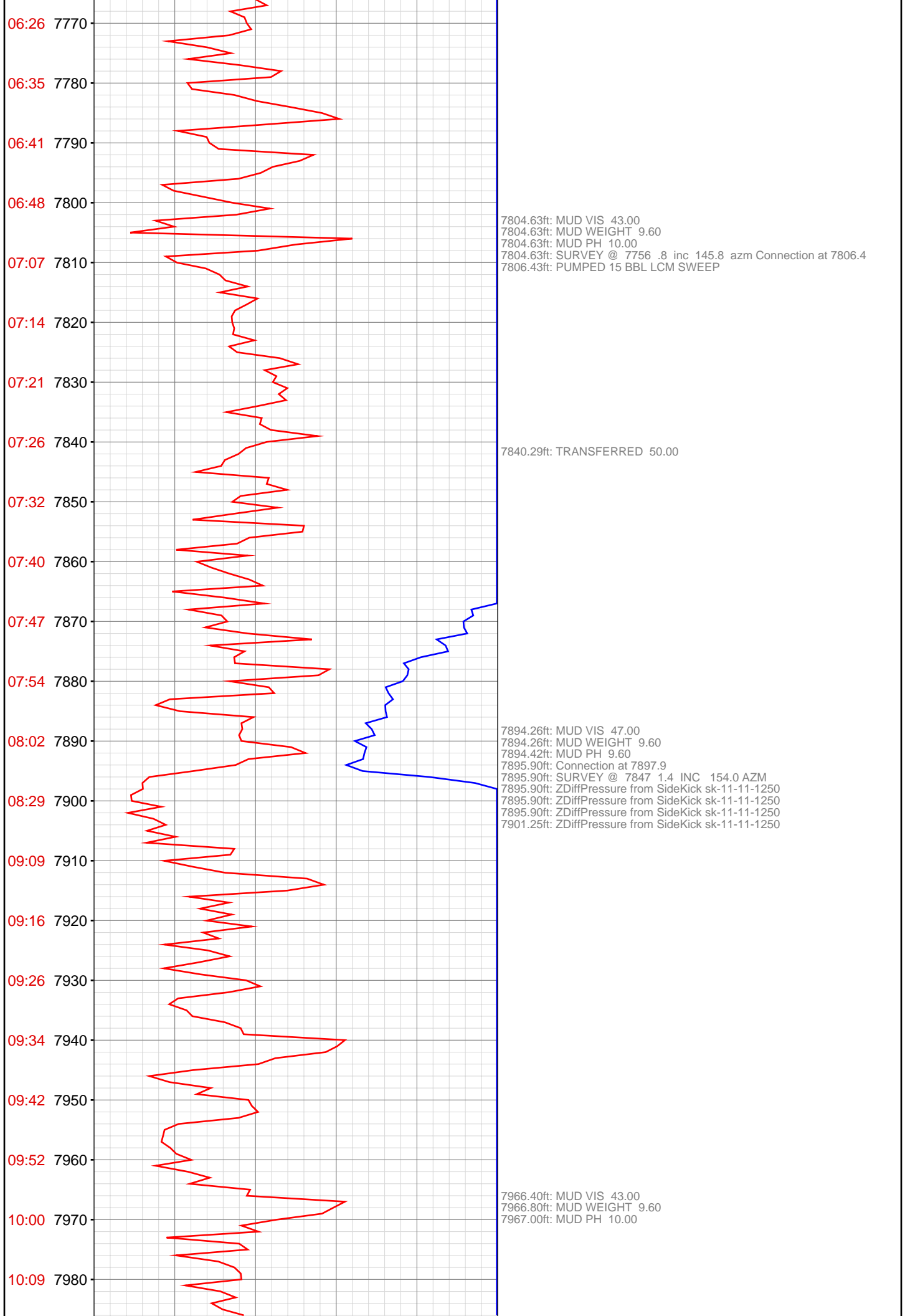
6886.58ft: RIG SERVICE
6886.58ft: SURVEY 6841 3.5 inc 62.3 azi











7987.04ft: SURVEY @ 7939 1.8 INC 156.6 AZM
7987.04ft: Connection at 7989.7

8004.95ft: MUD VIS 44.00
8004.95ft: MUD WEIGHT 9.60
8004.99ft: MUD PH 9.70

8066.77ft: MUD VIS 43.00
8067.03ft: MUD WEIGHT 9.60
8067.03ft: MUD PH 9.70

8078.38ft: SURVEY @ 8031 .9 inc 50.7 azm Connection at 8081.0
8078.38ft: ZWOB from SideKick sk-11-11-1250

8133.30ft: MUD VIS 44.00
8133.30ft: MUD WEIGHT 9.60
8133.30ft: MUD PH 10.00

8169.62ft: Connection at 8172.5
8169.62ft: SURVEY @ 8122 2.5 inc 75.7 azm

8186.75ft: MUD VIS 43.00
8186.75ft: MUD WEIGHT 9.60
8186.91ft: MUD PH 9.70

