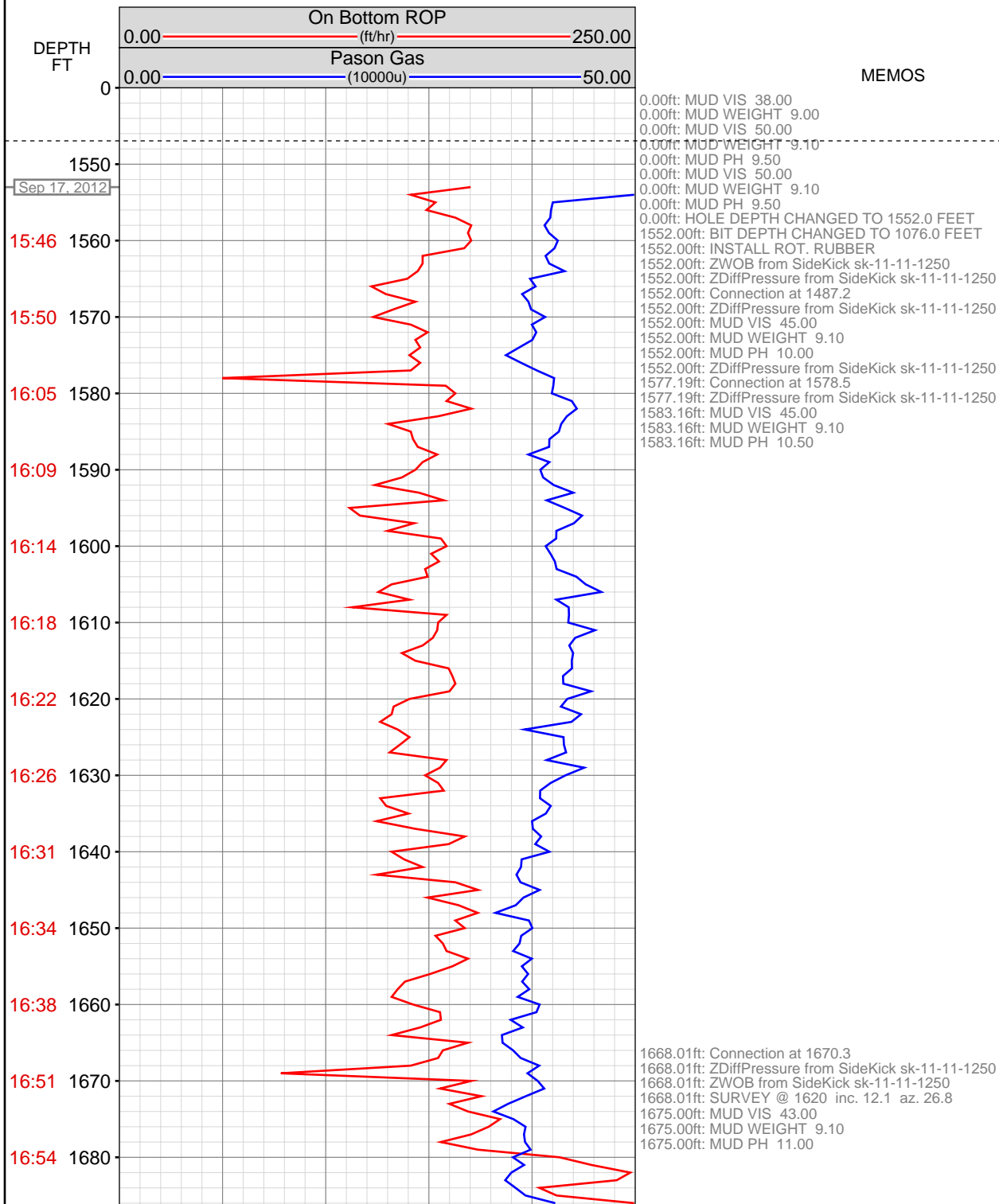
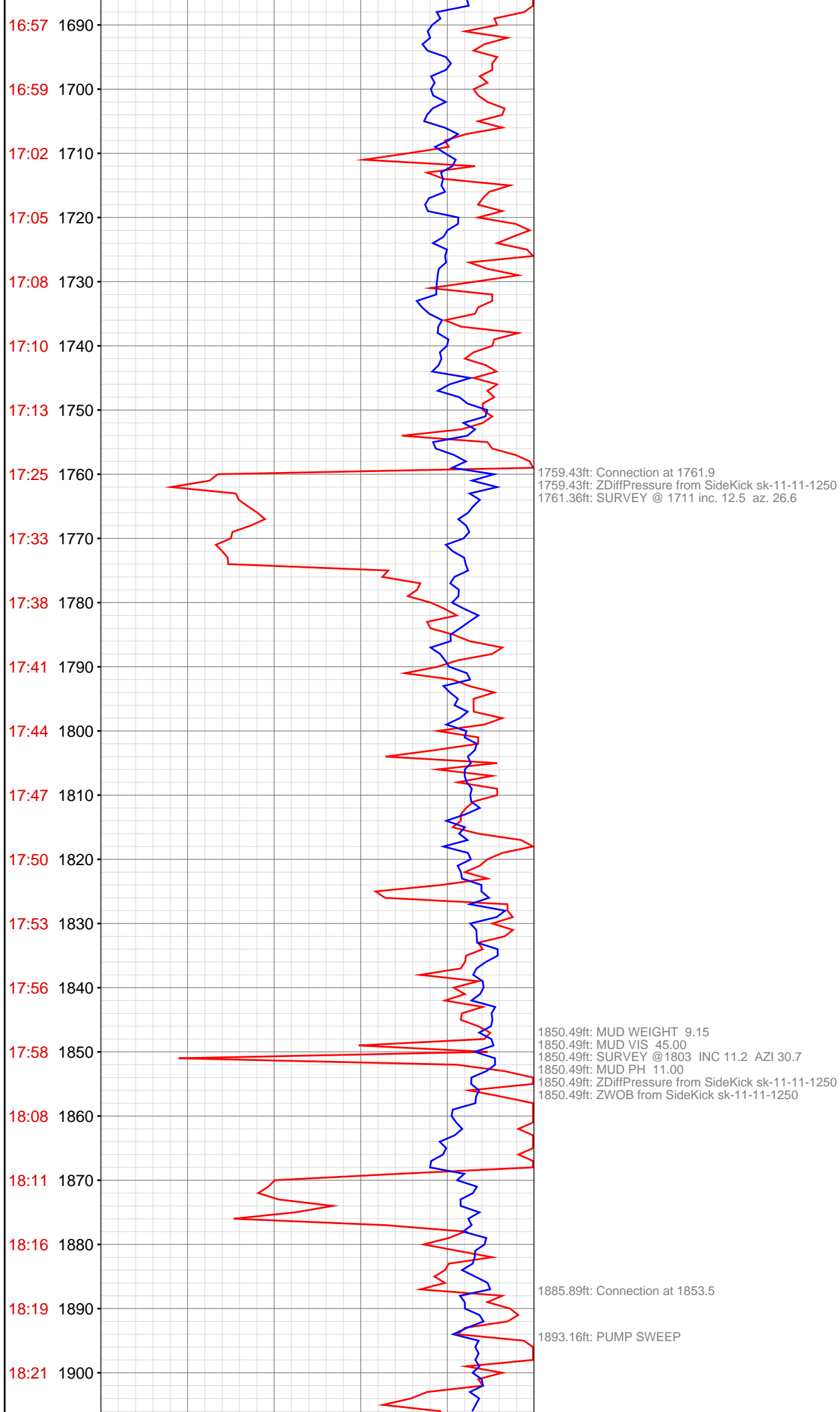
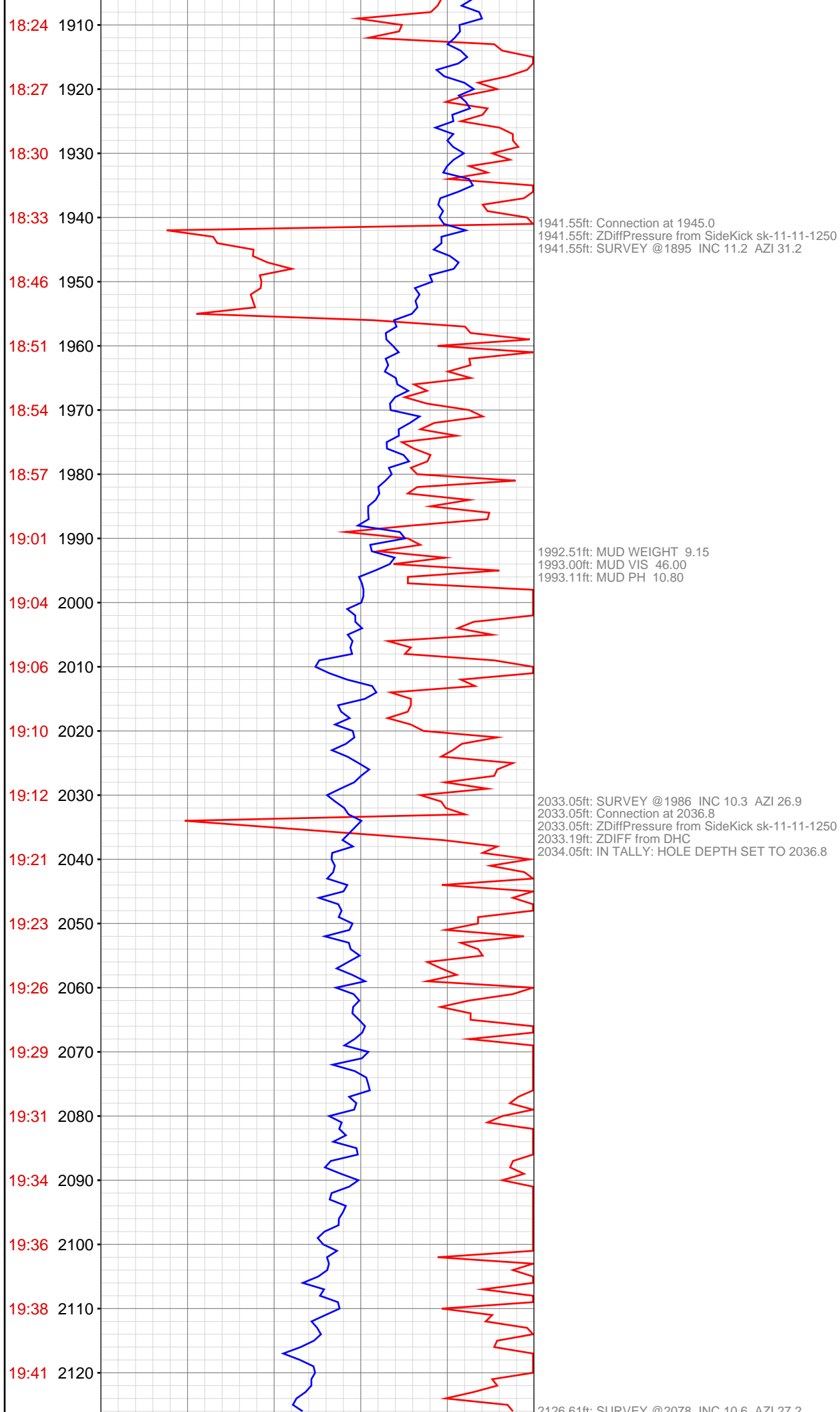


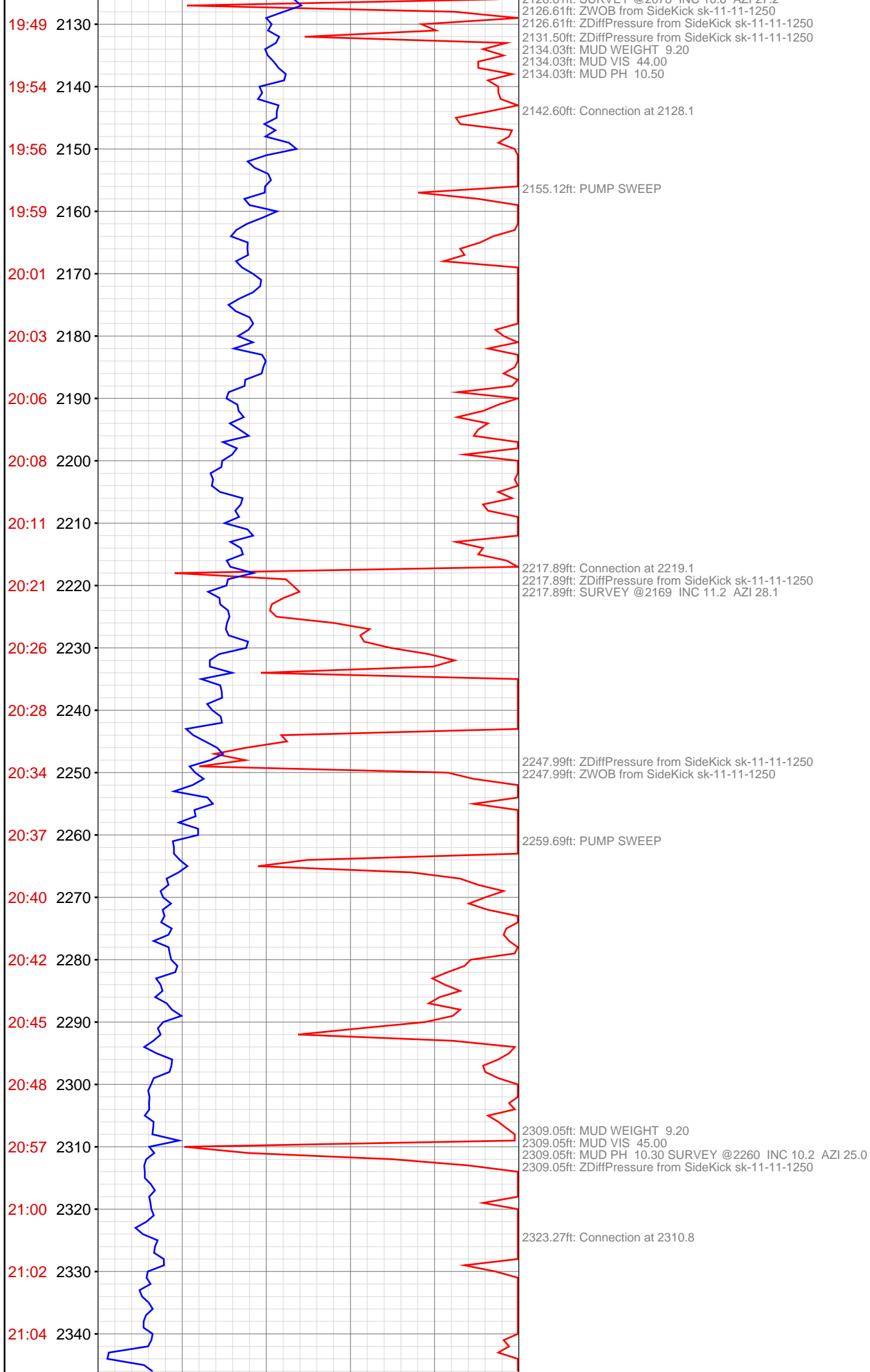
OPERATOR: EnCana Oil & Gas (USA), Inc.
WELL: SHIDELER FEE 31-6D
FIELD:
LOCATION: NE SW SEC 31, T007S, R92W
COUNTRY: USA
RIG: Pat-UTI 303

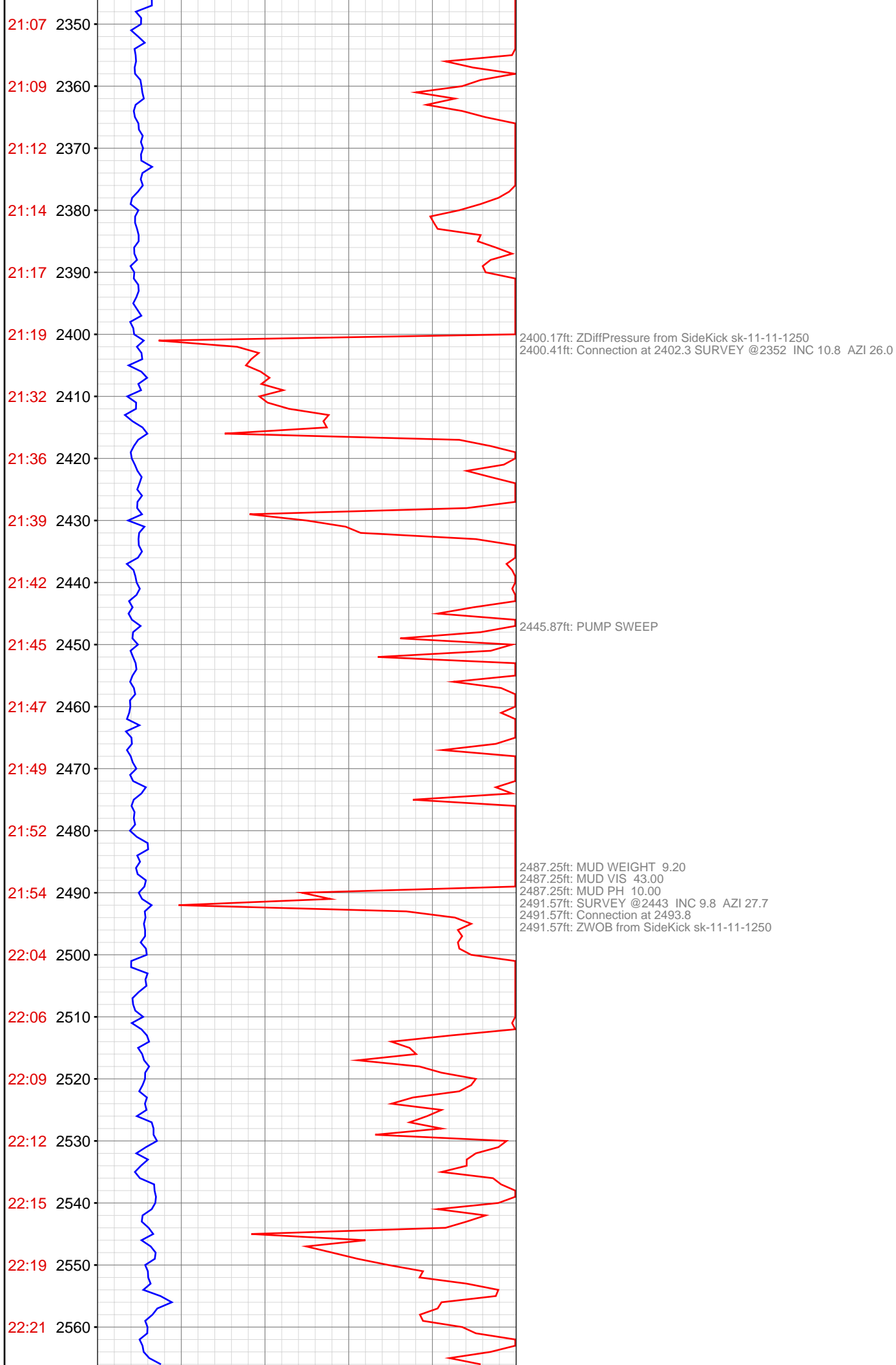
CONTRACTOR: Patterson-UTI Drilling Company
UNIQUE WELL ID: 05-045-21631-00
SPUD DATE: Sep 17, 2012 15:30
RELEASE DATE: Sep 23, 2012 19:00

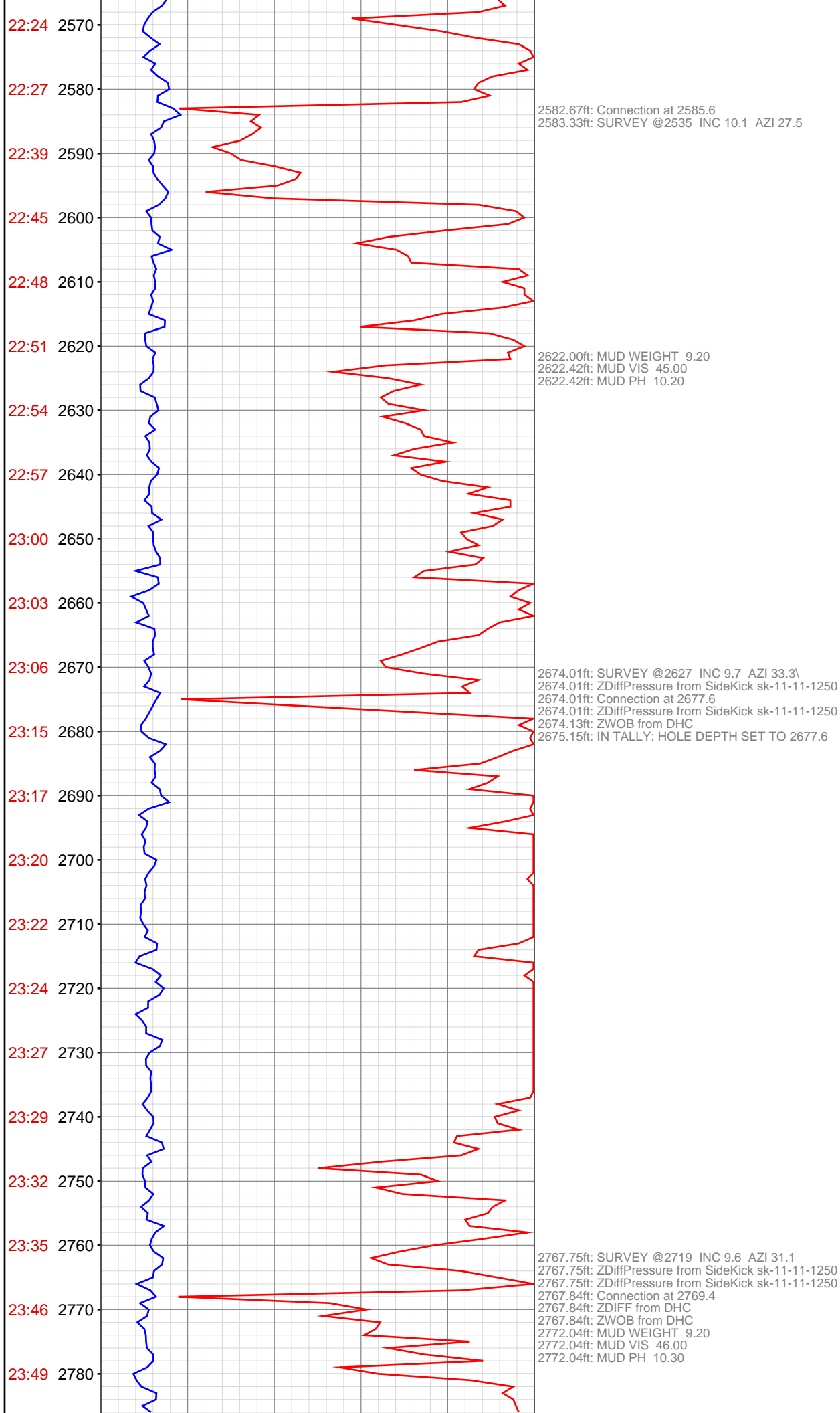


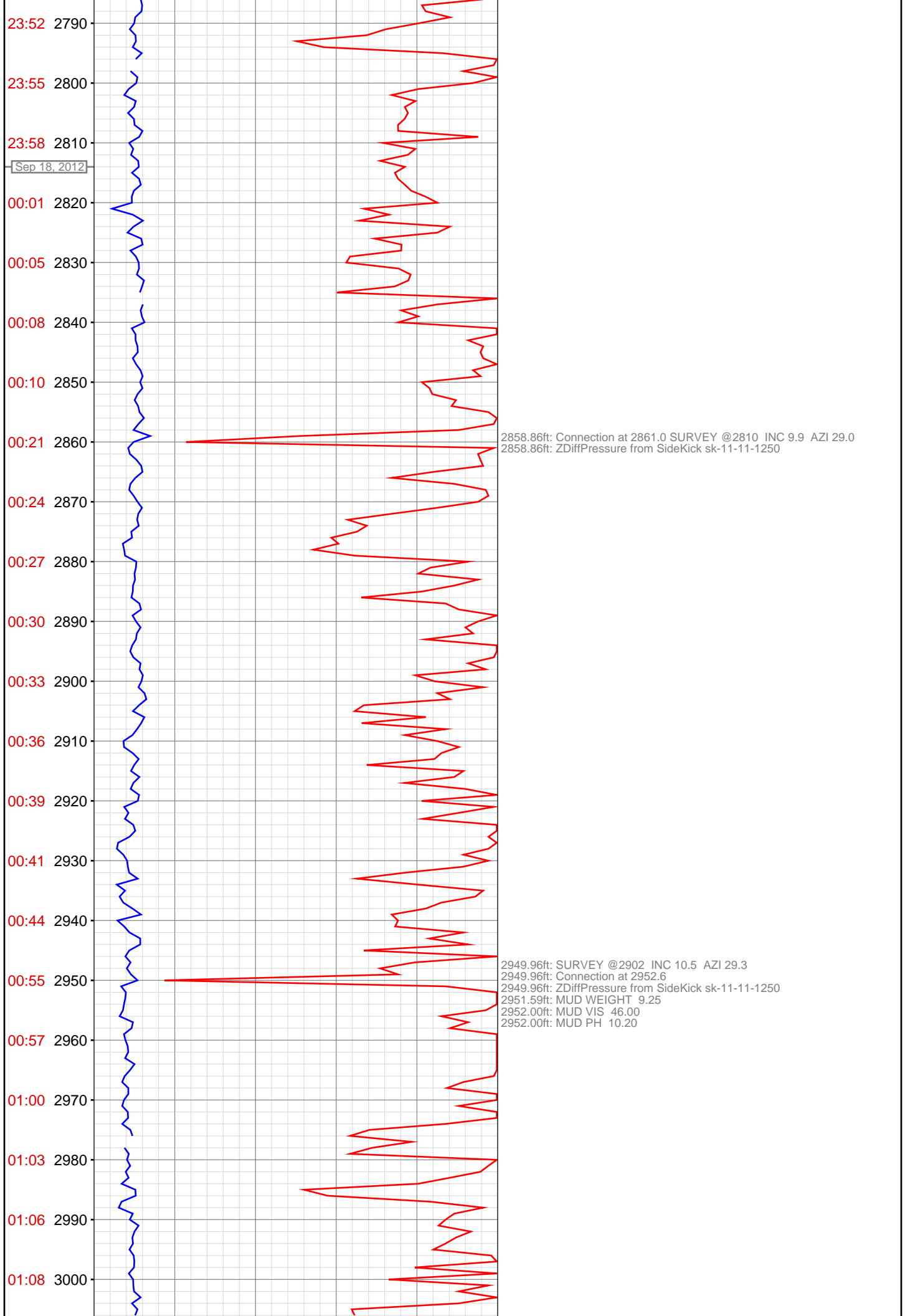


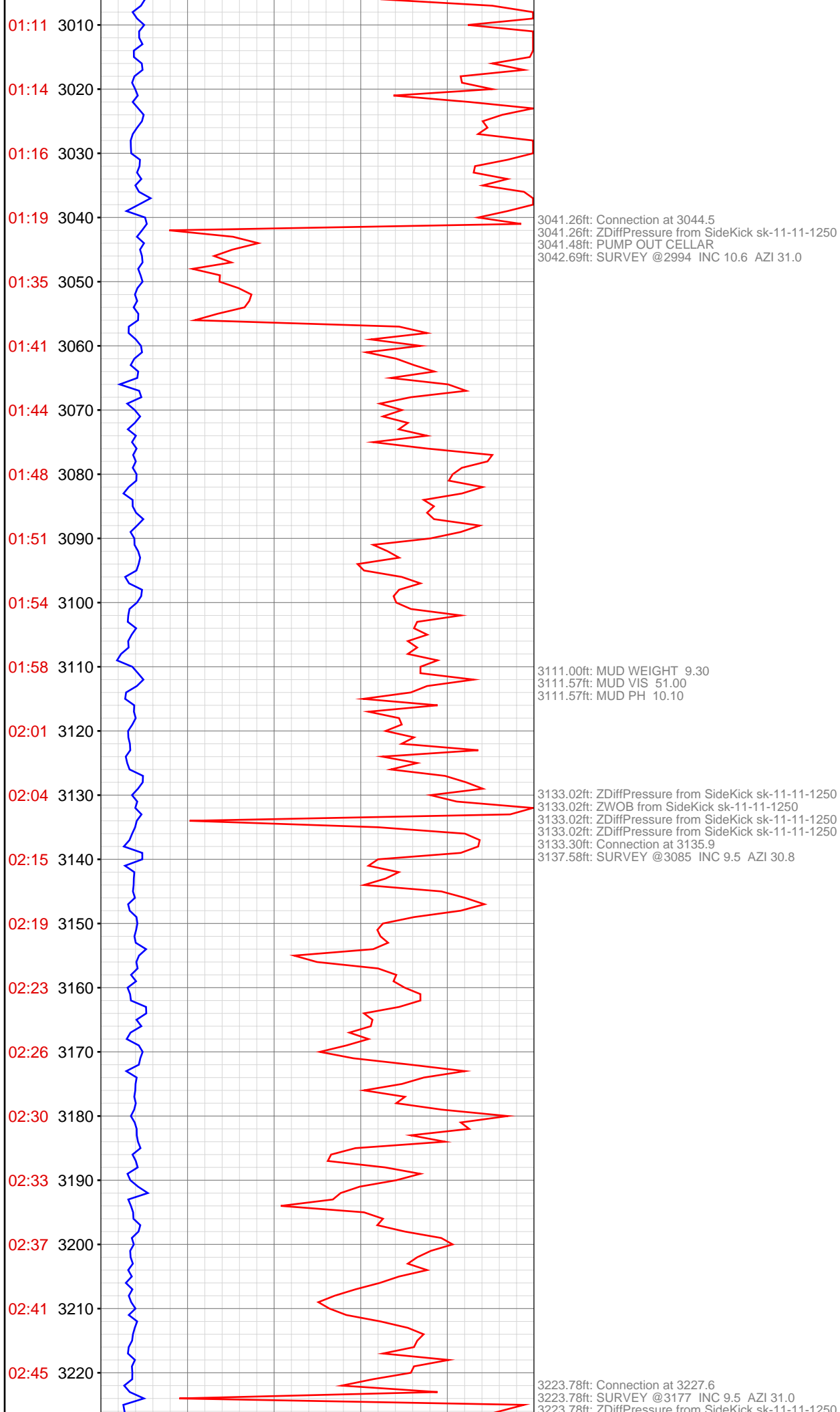


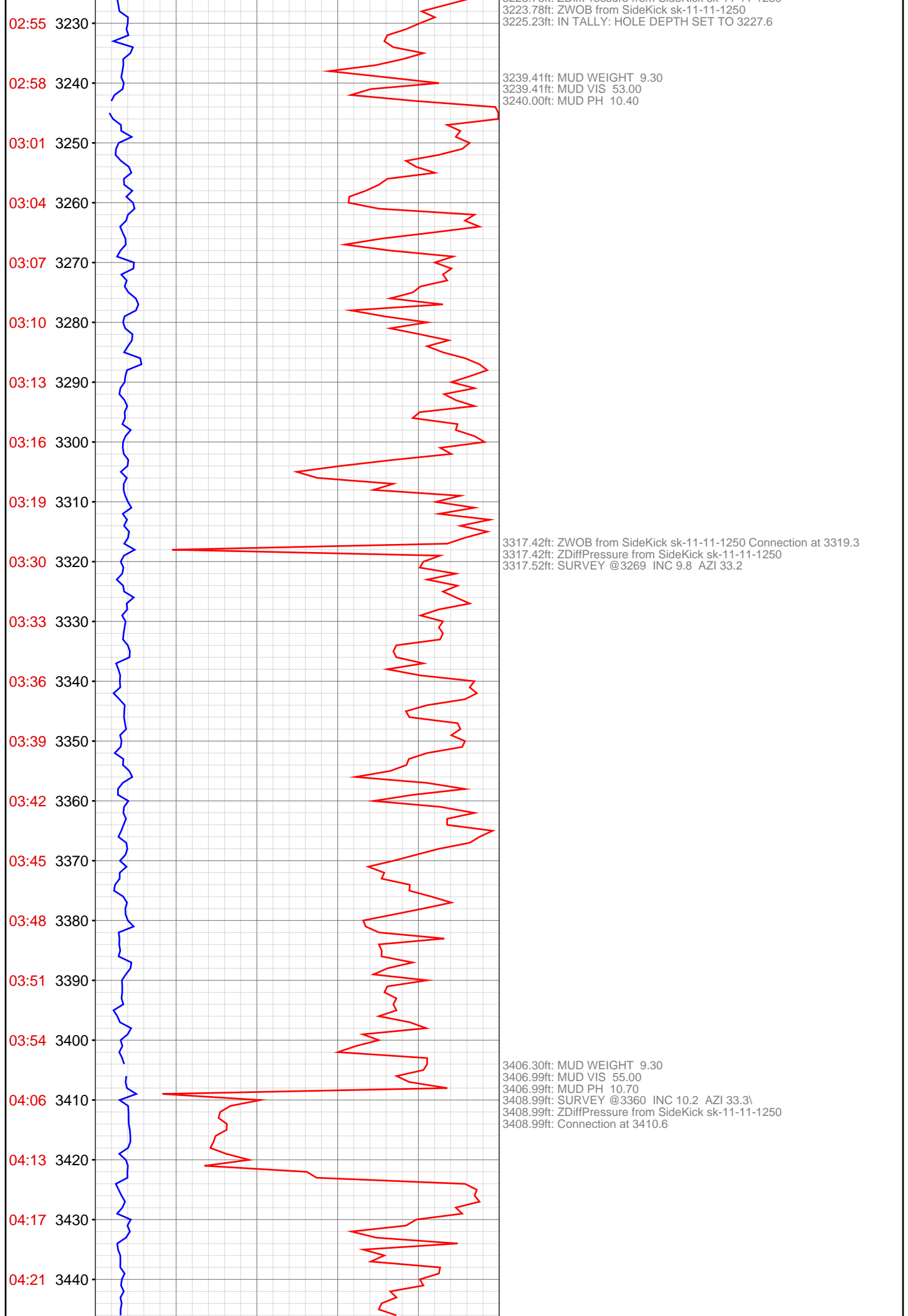


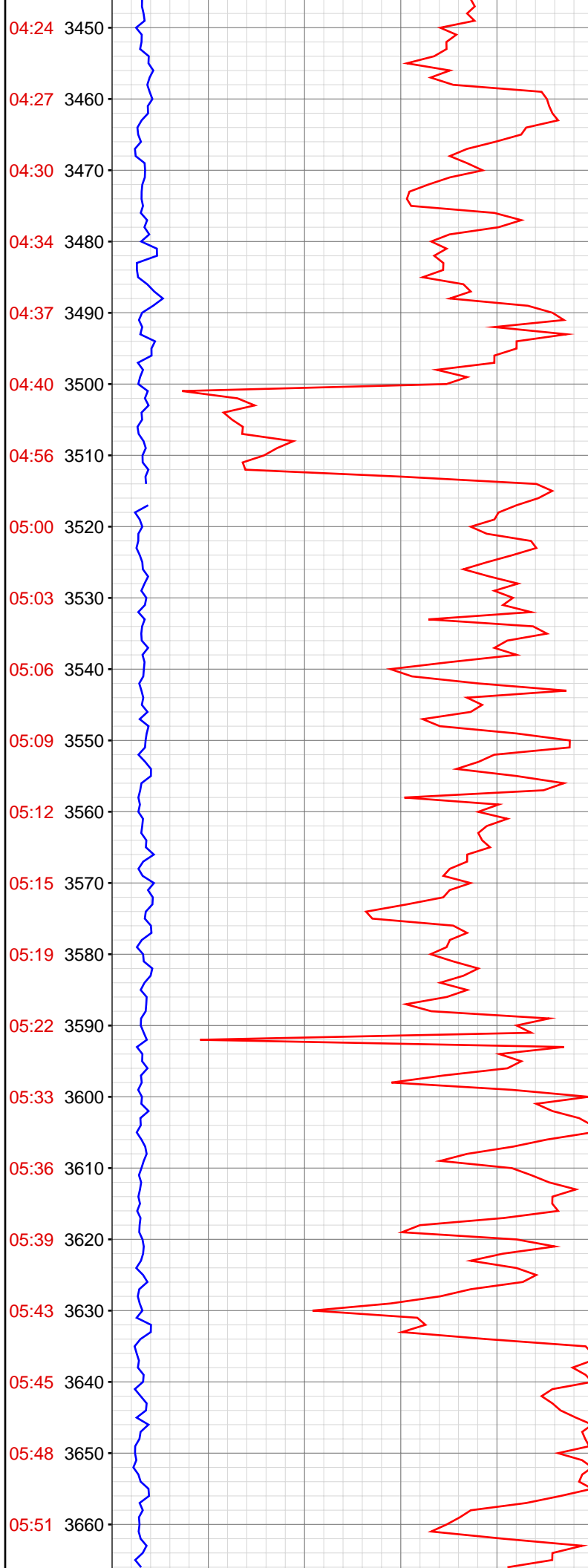










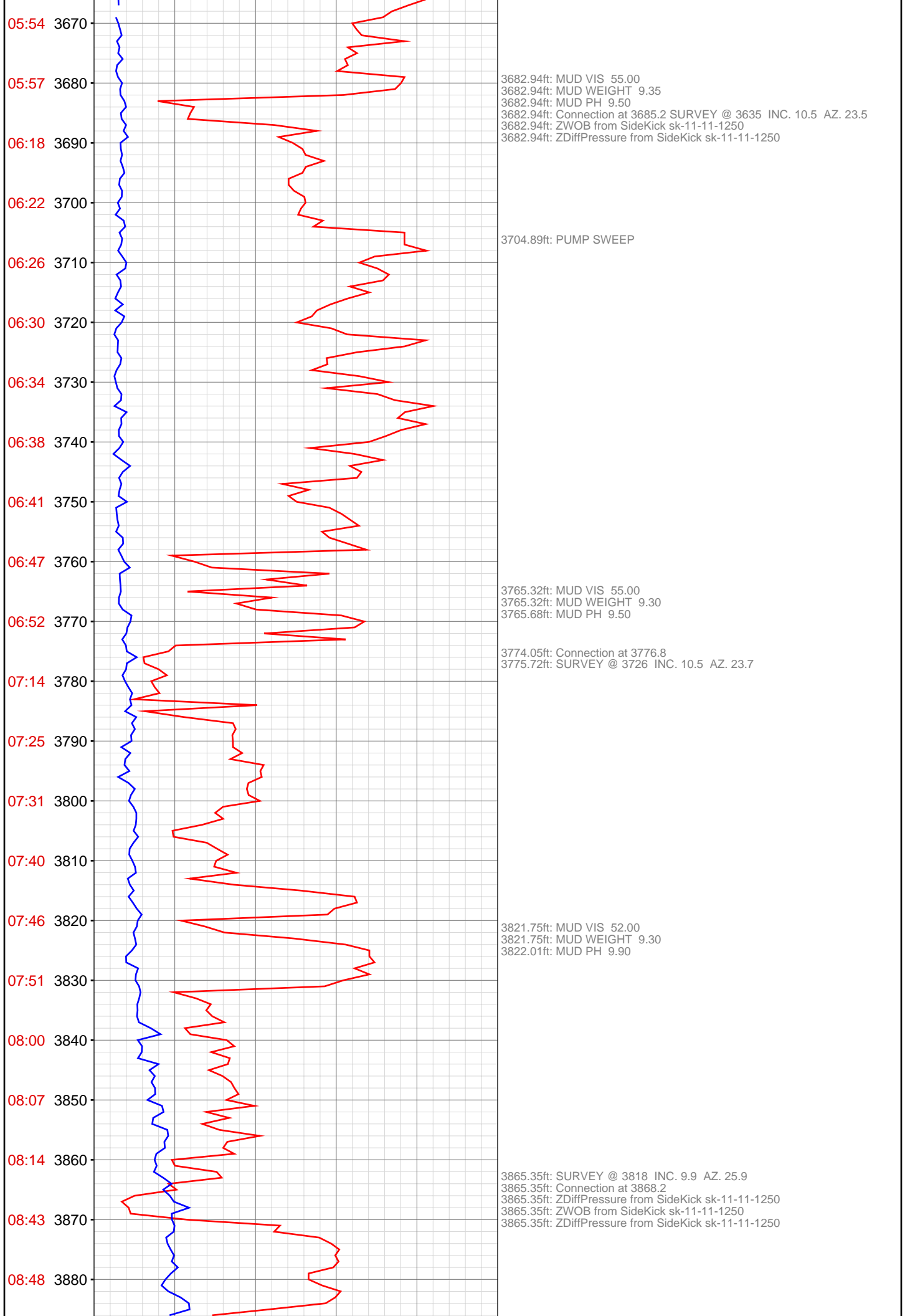


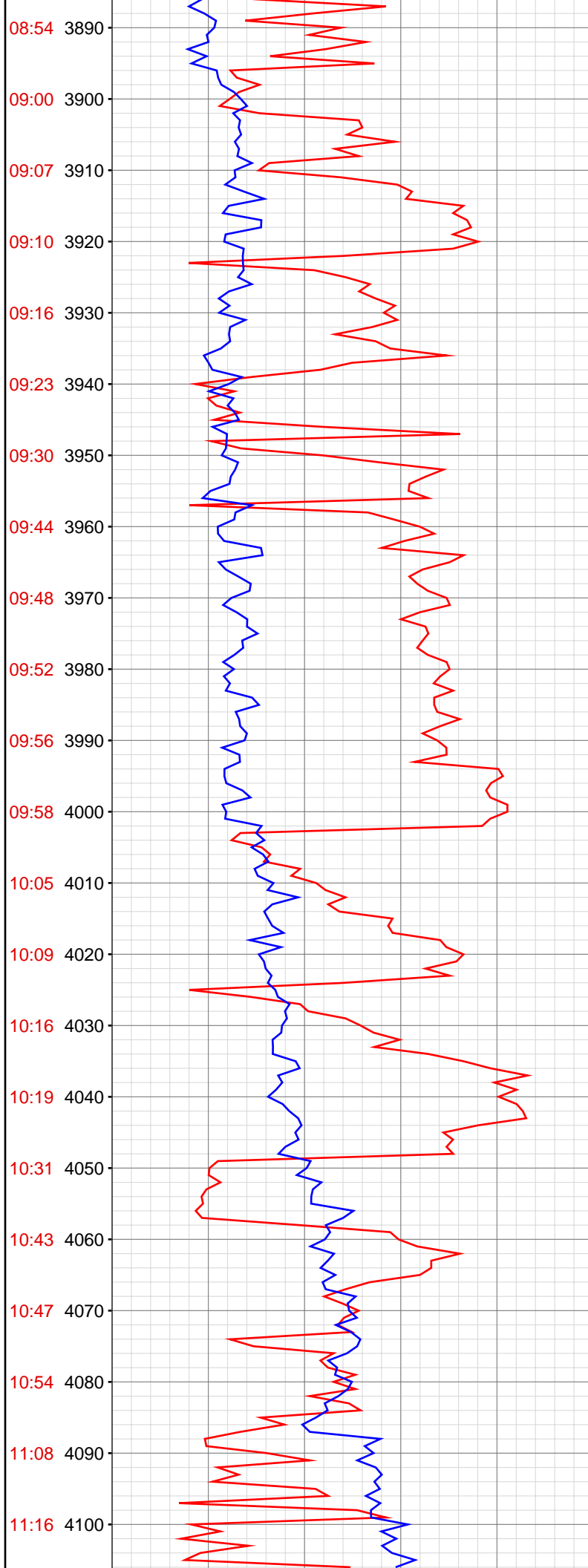
3500.20ft: SURVEY @3452 INC 10.4 AZI 2.6
3500.20ft: ZDiffPressure from SideKick sk-11-11-1250
3500.20ft: Connection at 3502.1

3512.01ft: MUD WEIGHT 9.30
3512.17ft: MUD VIS 52.00
3512.17ft: MUD PH 10.20

3542.26ft: PUMP SWEEP

3591.57ft: ZWOB from SideKick sk-11-11-1250
3591.57ft: SURVEY @3543 INC 10.5 AZI 21.7
3591.57ft: Connection at 3593.8





3899.74ft: MUD VIS 45.00
3899.74ft: MUD WEIGHT 9.25
3899.74ft: MUD PH 9.90

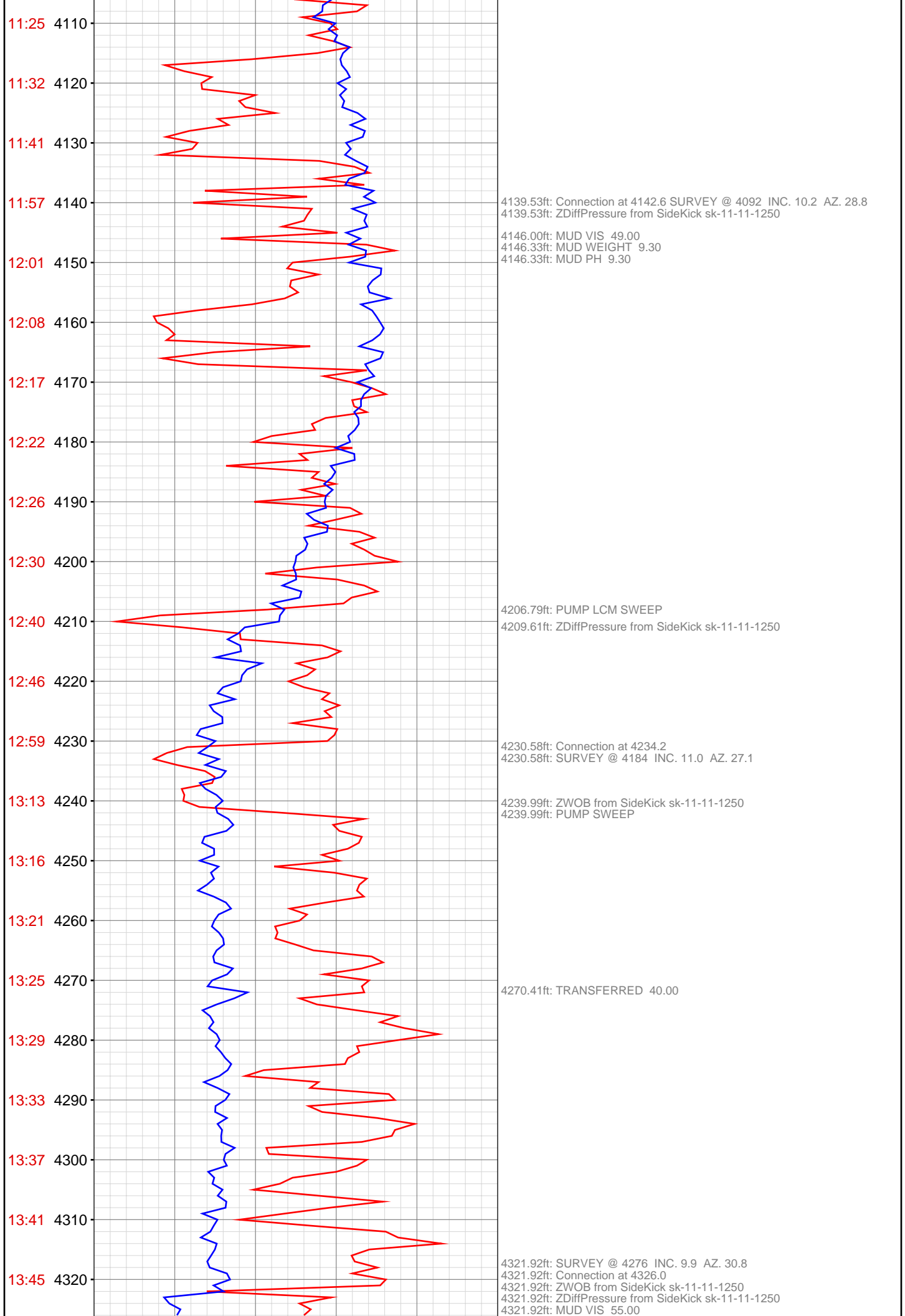
3956.99ft: SURVEY @ 3909 INC. 10.0 AZ. 27.2
3956.99ft: Connection at 3959.5
3956.99ft: ZWOB from SideKick sk-11-11-1250
3956.99ft: ZDiffPressure from SideKick sk-11-11-1250

4025.56ft: MUD VIS 47.00
4025.56ft: MUD WEIGHT 9.25
4025.56ft: MUD PH 9.50

4048.33ft: Connection at 4051.1
4048.33ft: ZWOB from SideKick sk-11-11-1250
4048.33ft: SURVEY @ 4001 INC. 10.1 AZ. 25.3

4080.09ft: MUD VIS 50.00
4080.45ft: MUD WEIGHT 9.25
4080.81ft: MUD PH 9.20

4087.99ft: ZDiffPressure from SideKick sk-11-11-1250



4321.92ft: MUD WEIGHT 9.20
4321.92ft: MUD PH 9.00

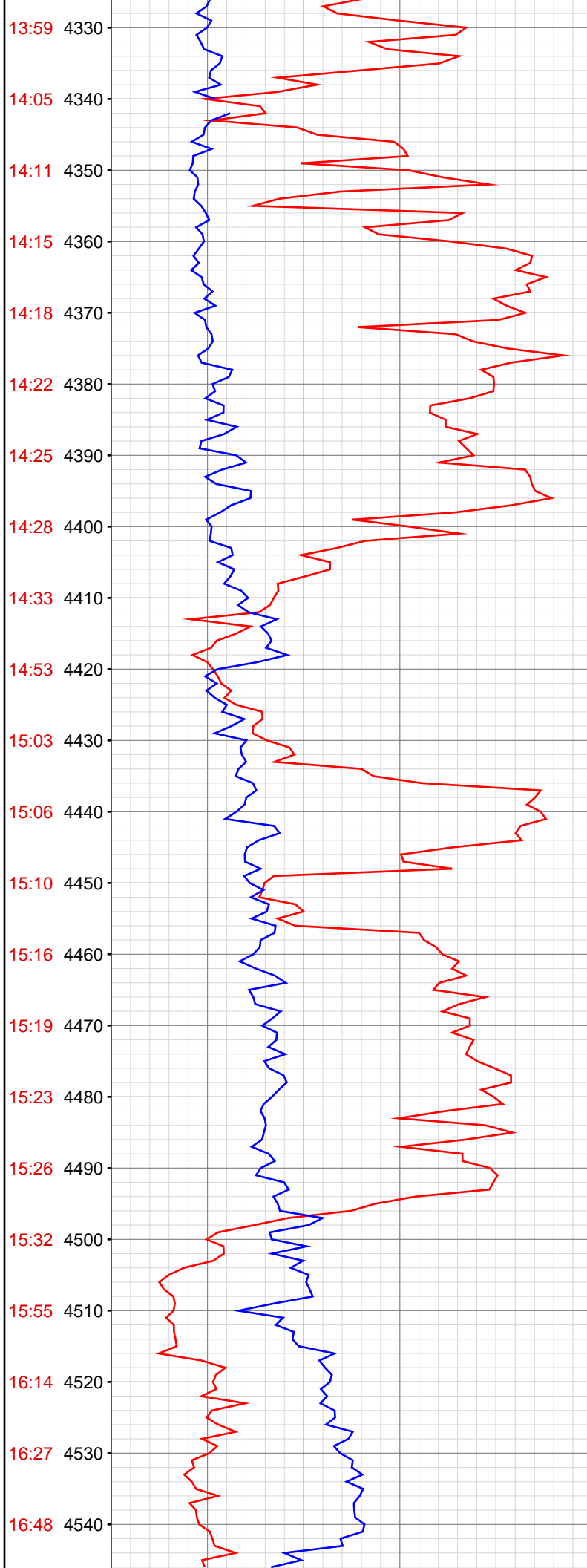
4412.93ft: Connection at 4417.7 SURVEY @ 4367 INC. 10.3 AZ. 31.0
4412.93ft: ZWOB from SideKick sk-11-11-1250

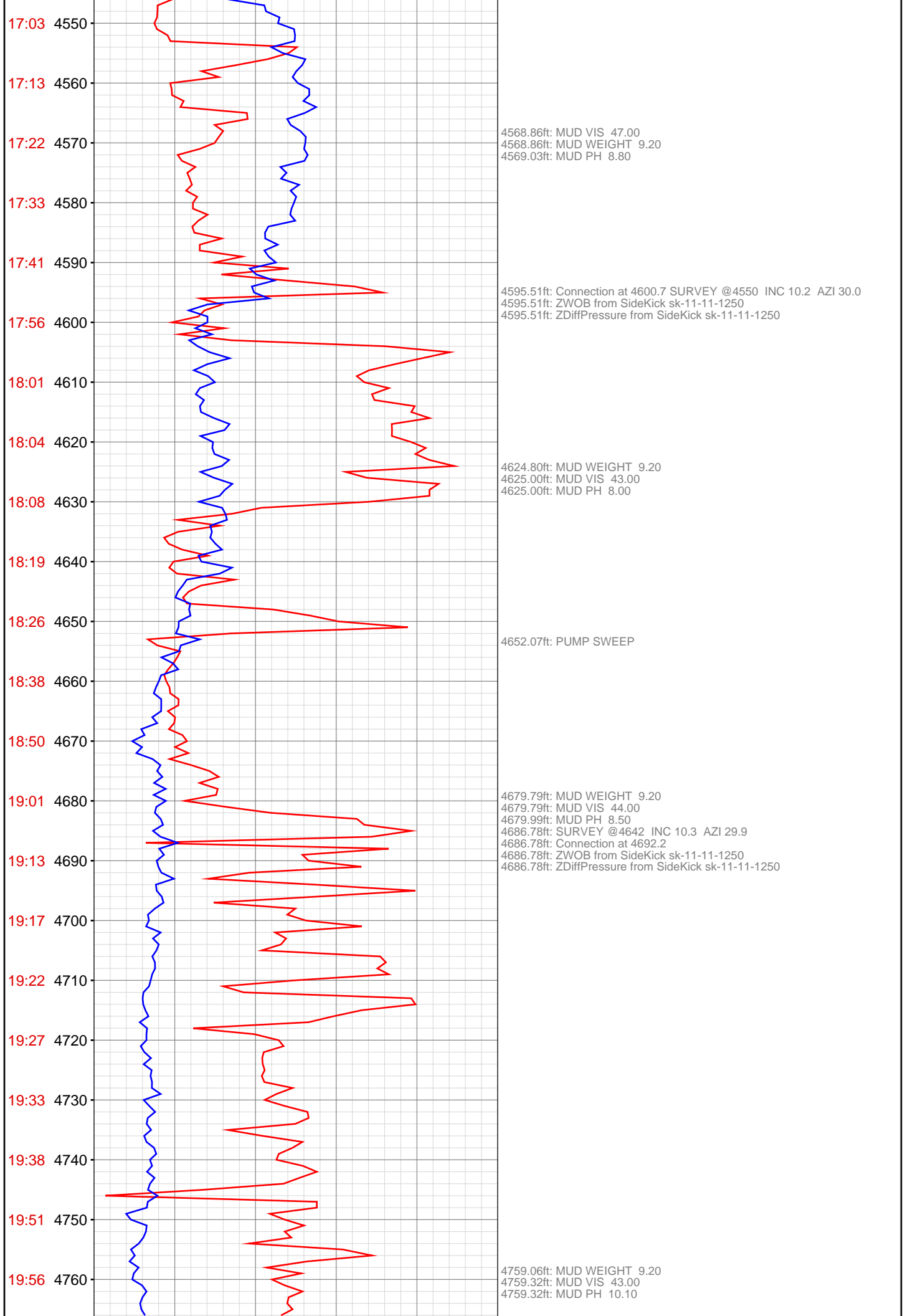
4449.48ft: MUD VIS 50.00
4449.48ft: MUD WEIGHT 9.20
4449.67ft: MUD PH 8.90

4504.49ft: Connection at 4509.1
4505.22ft: SURVEY @ 4459 INC. 10.8 AZ. 33.3
4506.99ft: MUD VIS 50.00
4507.09ft: MUD WEIGHT 9.20
4507.09ft: MUD PH 9.00

4515.78ft: ZDiffPressure from SideKick sk-11-11-1250
4518.50ft: PUMP SWEEP

4532.09ft: ZDiffPressure from SideKick sk-11-11-1250
4532.09ft: ZWOB from SideKick sk-11-11-1250





20:01 4770

20:17 4780

20:30 4790

20:39 4800

20:43 4810

20:48 4820

20:53 4830

20:58 4840

21:03 4850

21:08 4860

23:10 4870

23:14 4880

23:20 4890

23:26 4900

23:33 4910

23:40 4920

23:53 4930

00:02 4940

00:09 4950

00:16 4960

00:29 4970

00:37 4980

4778.25ft: SURVEY @4733 INC 10.5 AZI 33.4
4778.25ft: ZDiffPressure from SideKick sk-11-11-1250
4781.59ft: Connection at 4783.8

4833.92ft: PUMP SWEEP
4835.20ft: MUD WEIGHT 9.20
4835.56ft: MUD VIS 45.00
4835.56ft: MUD PH 9.80

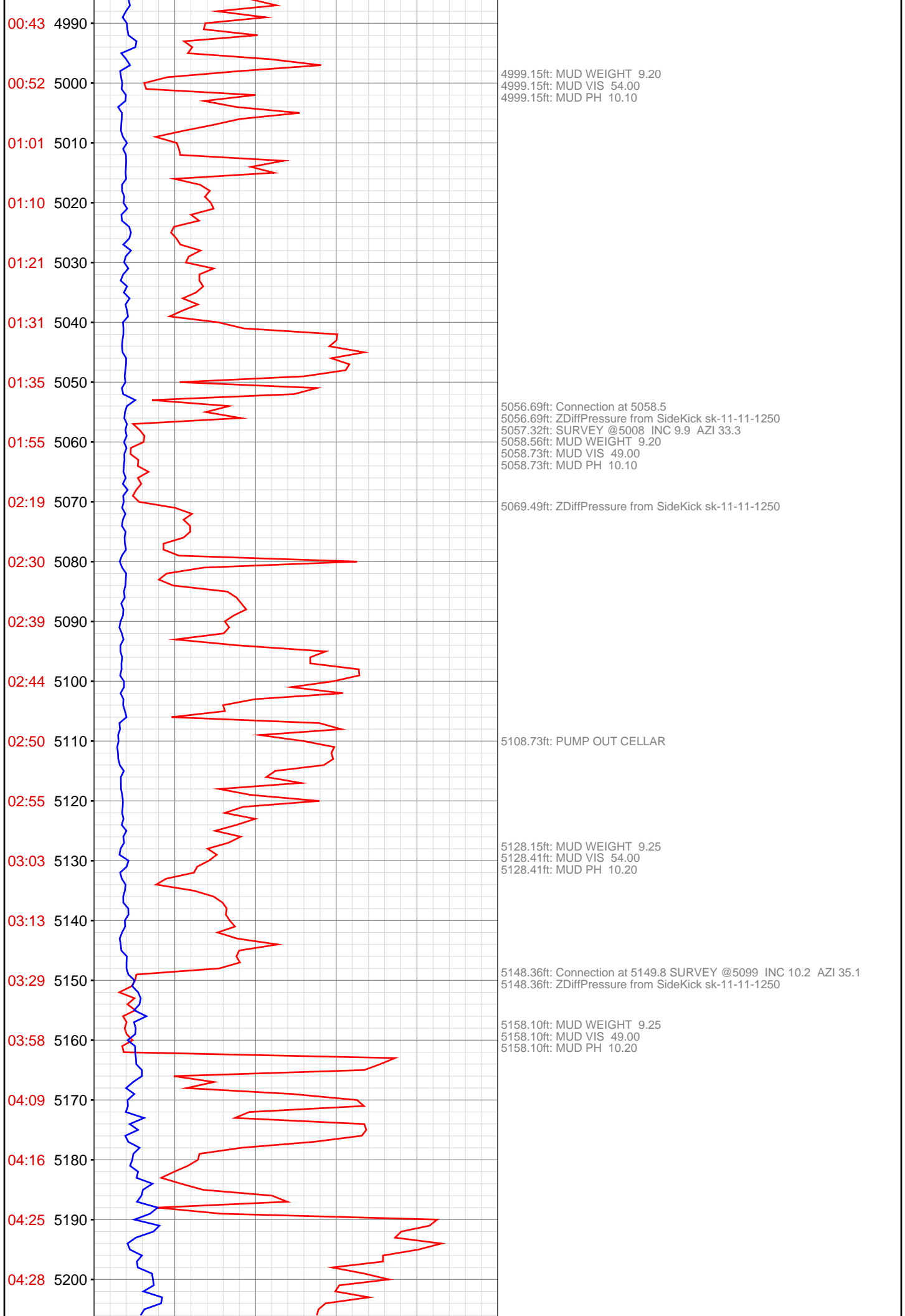
4869.82ft: MUD WEIGHT 9.20
4869.82ft: MUD VIS 47.00
4869.82ft: MUD PH 10.10
4869.82ft: MUD WEIGHT 9.20
4869.82ft: MUD VIS 47.00
4869.82ft: MUD PH 9.60
4869.82ft: SURVEY @4825 INC 10.0 AZI 28.0
4869.82ft: ZDiffPressure from SideKick sk-11-11-1250
4869.82ft: Connection at 4875.3
4869.82ft: ZWOB from SideKick sk-11-11-1250
4871.42ft: IN TALLY: HOLE DEPTH SET TO 4875.3

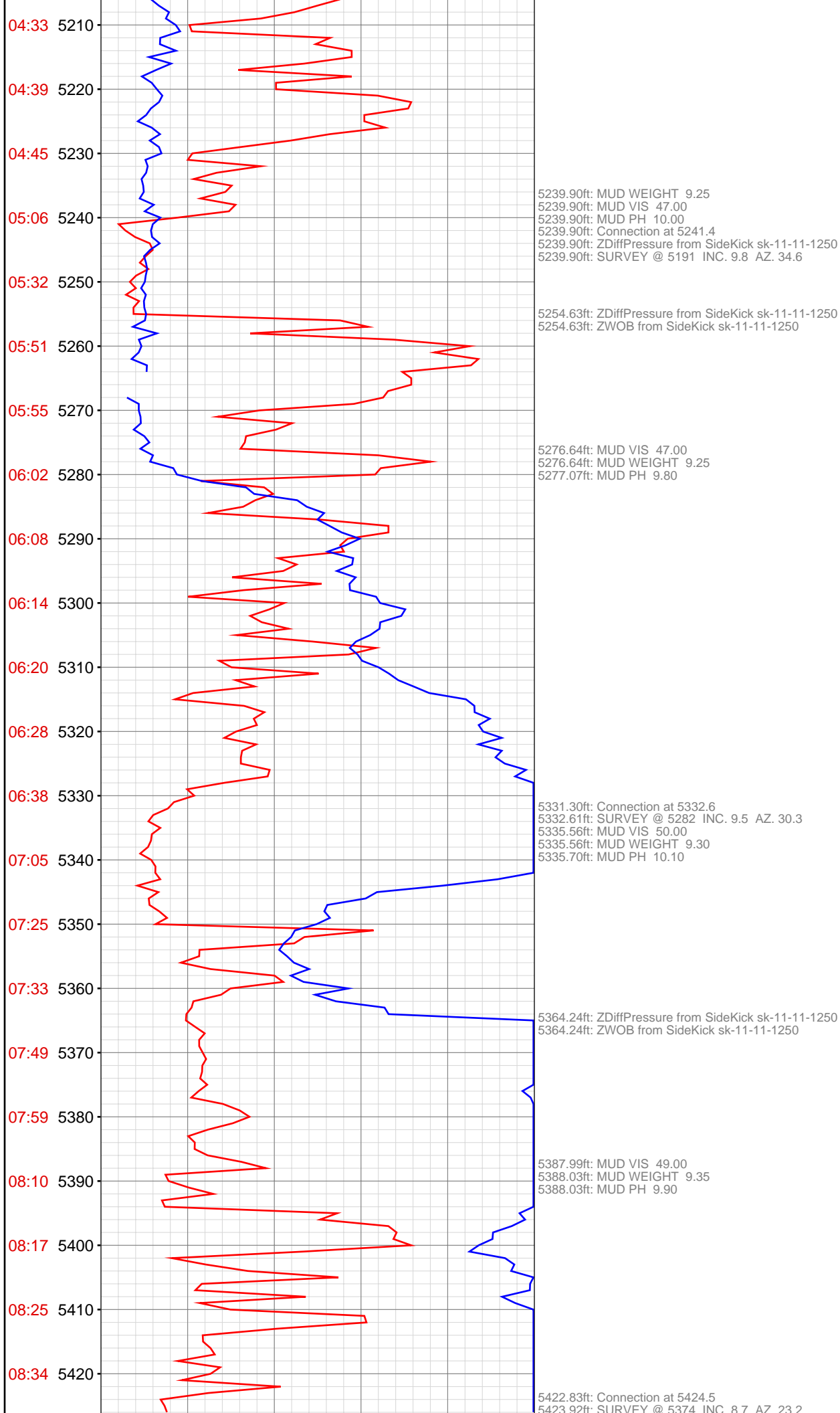
4905.35ft: PUMP SWEEP

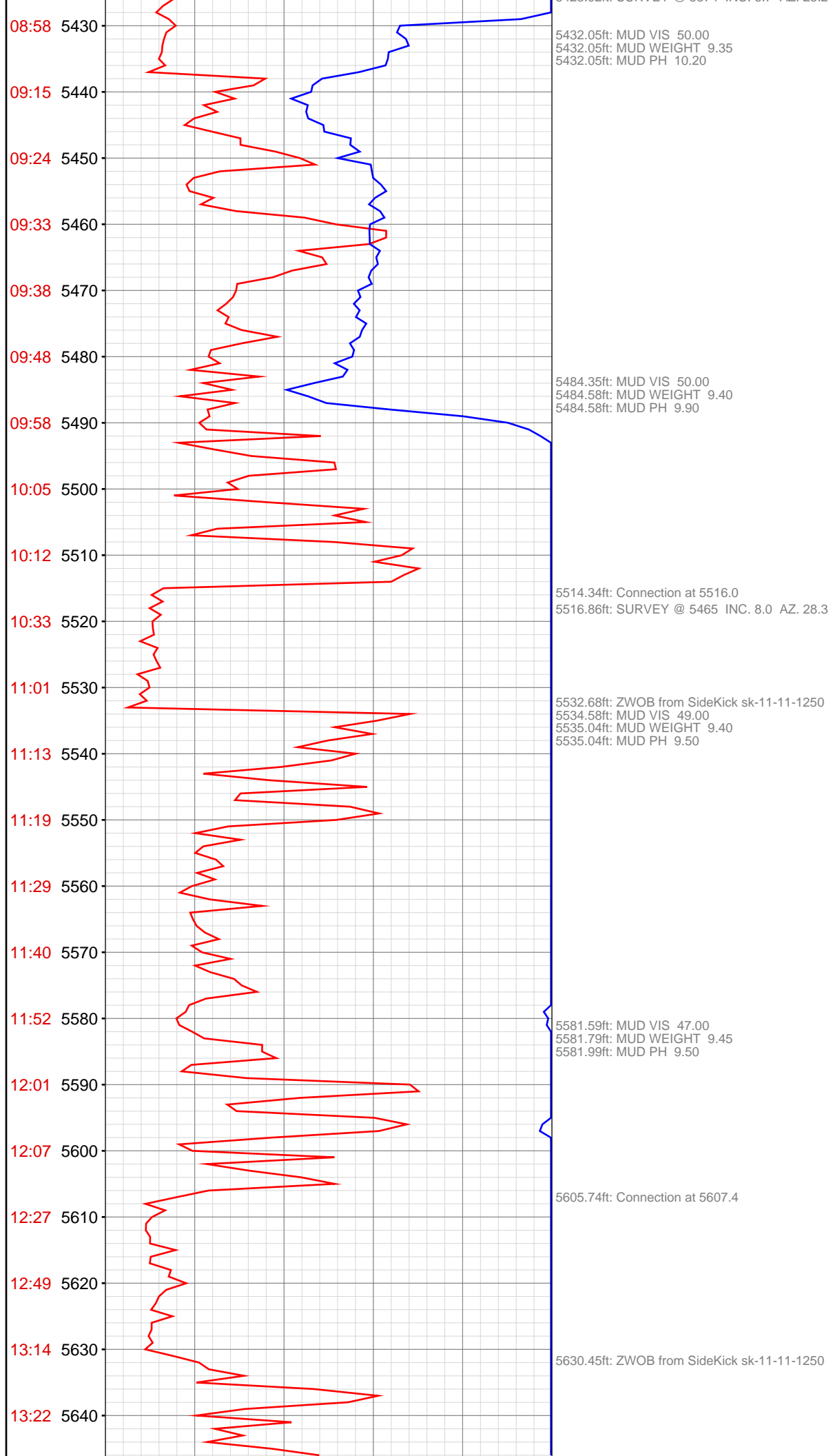
4931.14ft: MUD WEIGHT 9.20
4931.14ft: MUD VIS 51.00
4931.14ft: MUD PH 10.10

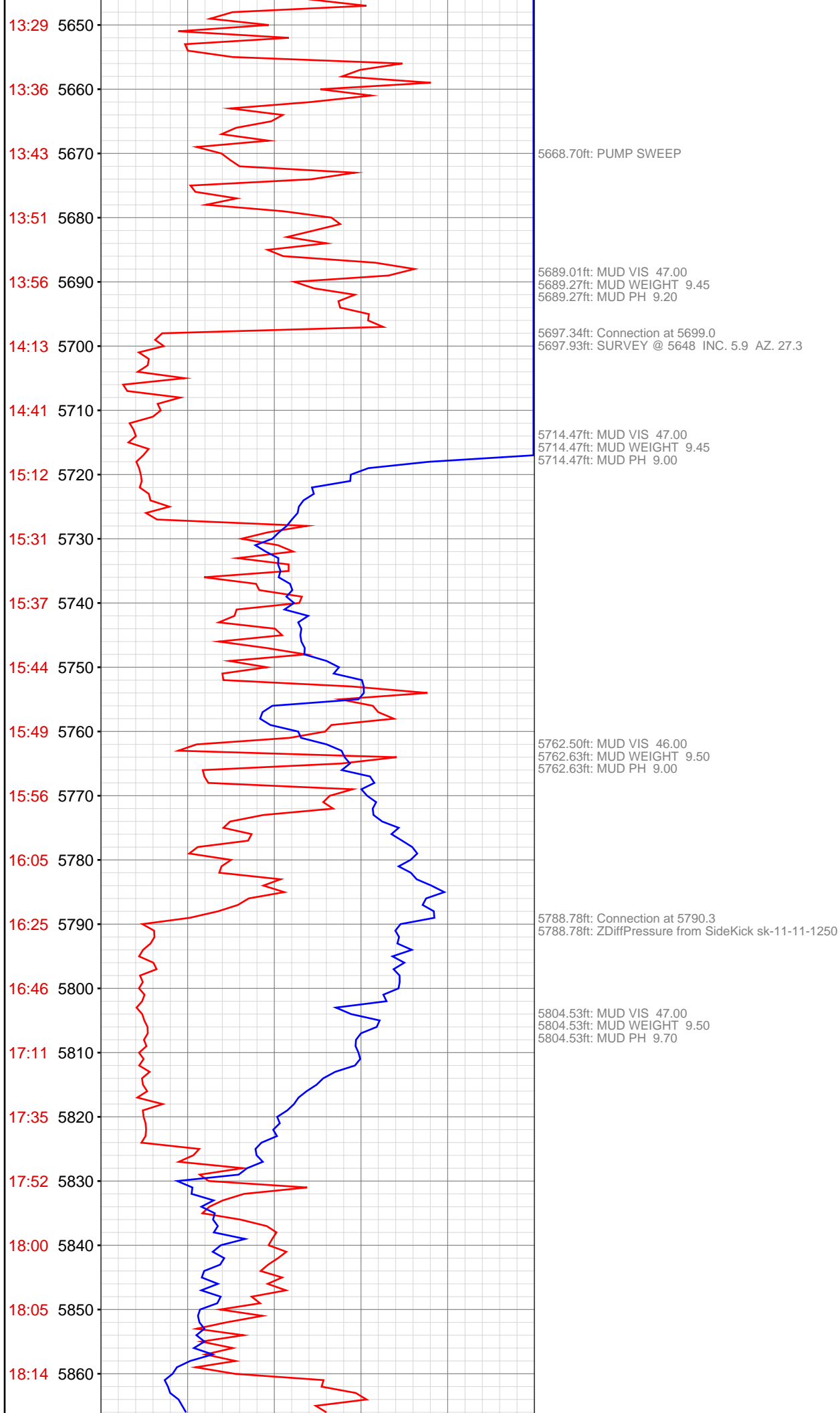
4964.93ft: SURVEY @4917 INC 9.8 AZI 31.6
4964.93ft: Connection at 4967.1
4964.93ft: ZDiffPressure from SideKick sk-11-11-1250

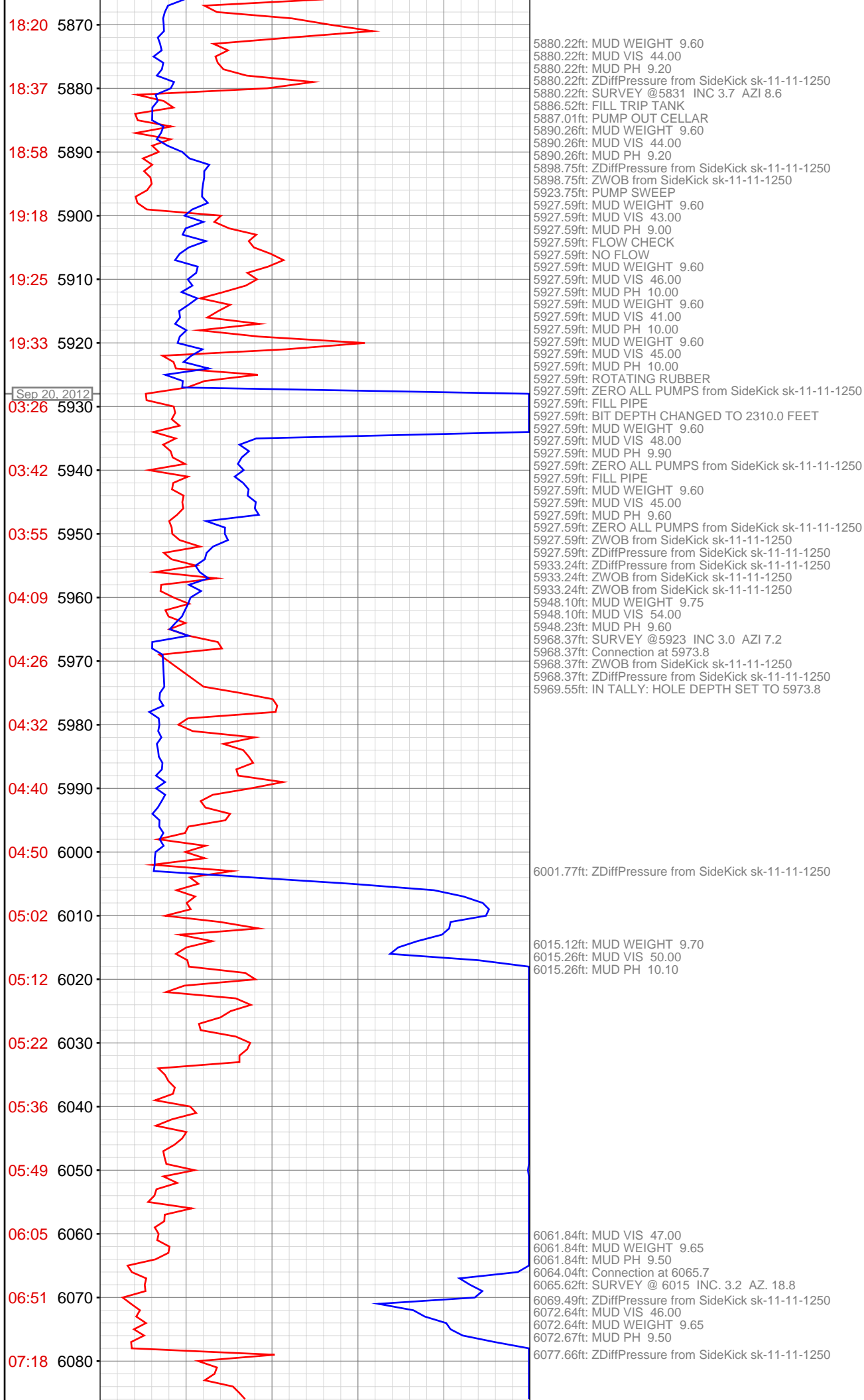
Sep 19, 2012

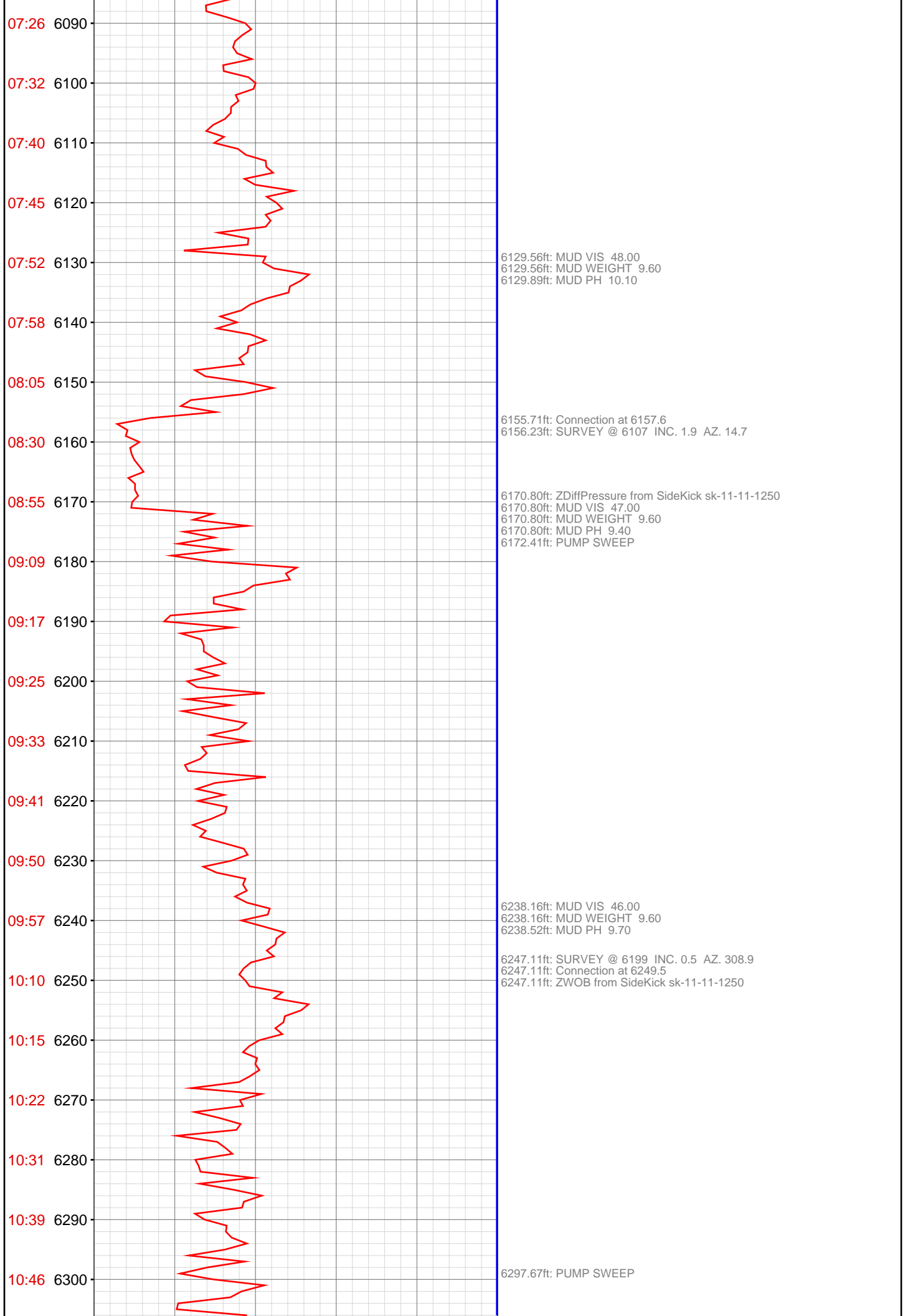


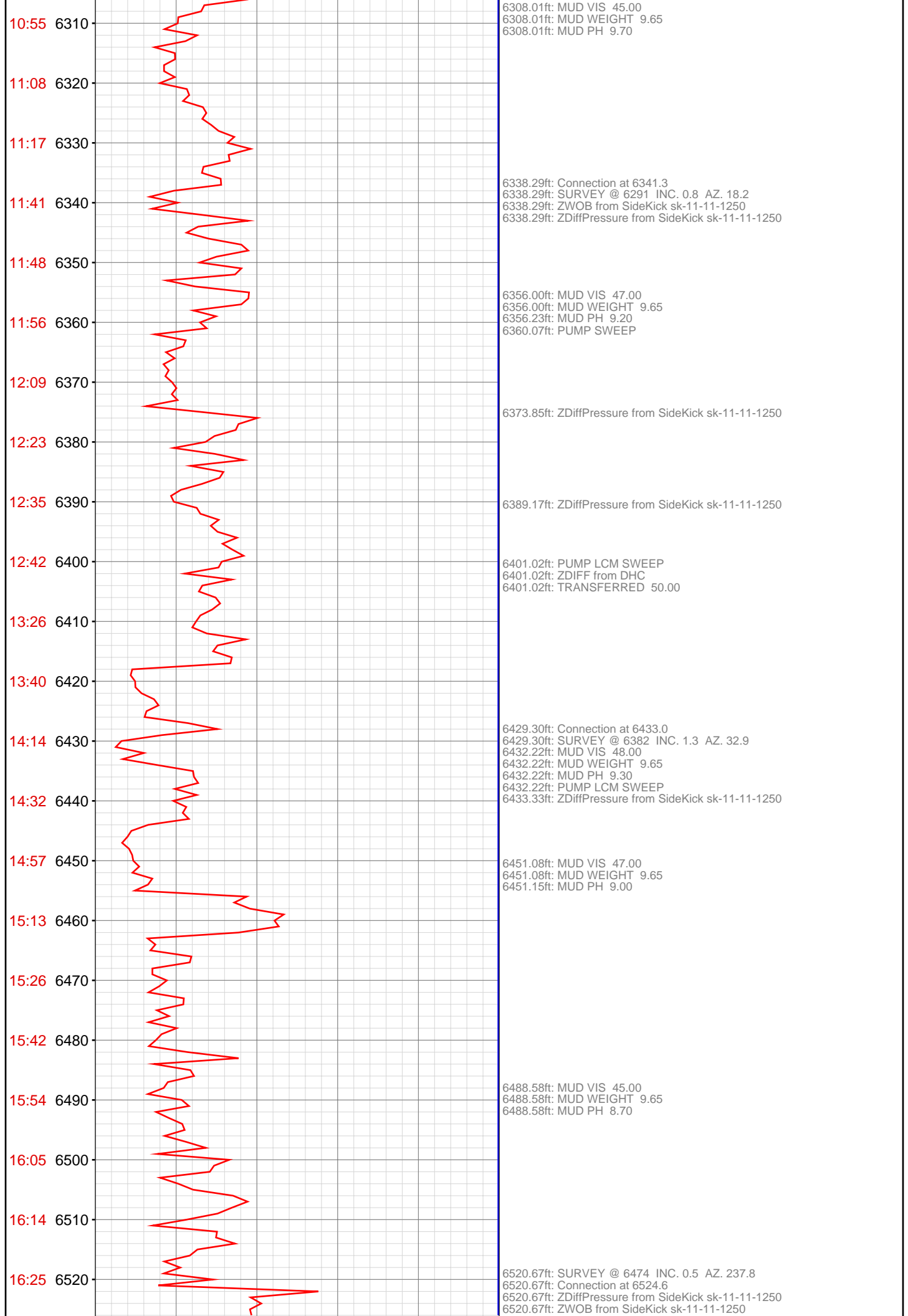


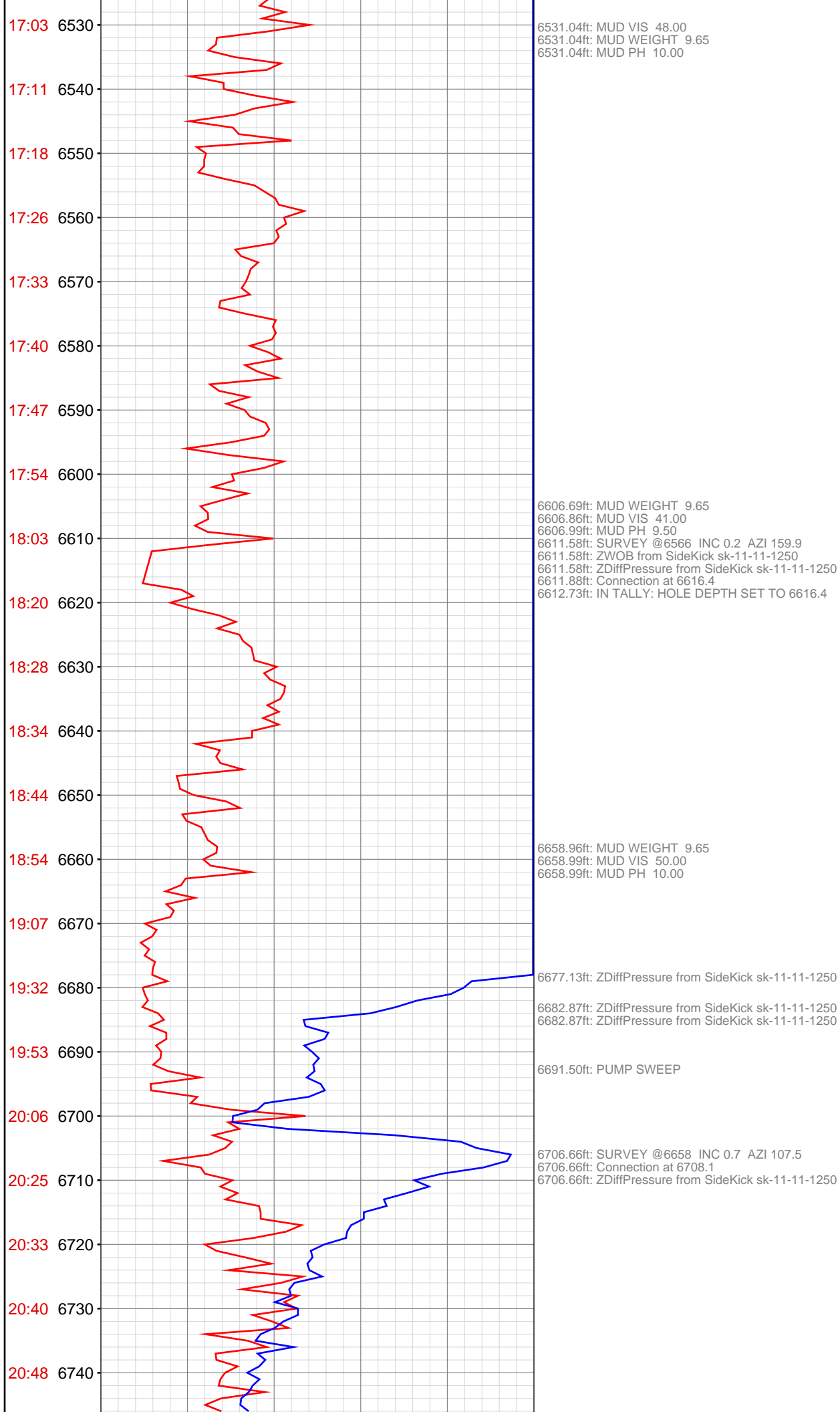












6531.04ft: MUD VIS 48.00
6531.04ft: MUD WEIGHT 9.65
6531.04ft: MUD PH 10.00

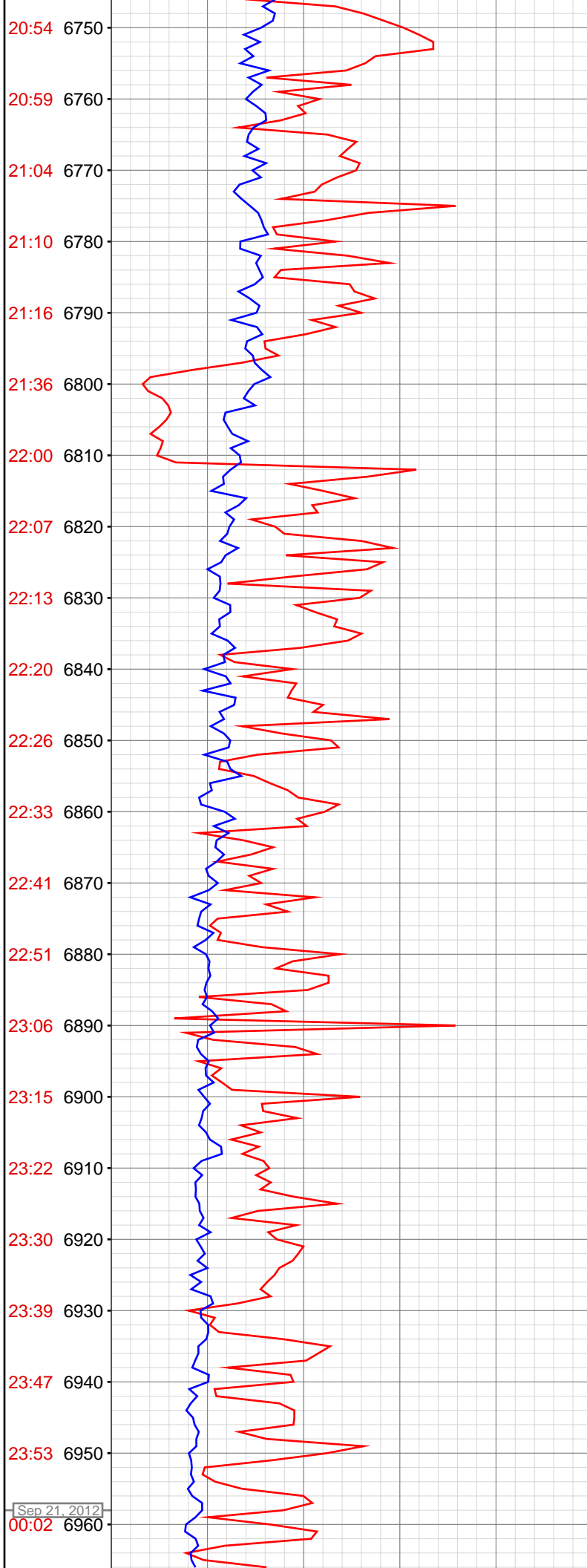
6606.69ft: MUD WEIGHT 9.65
6606.86ft: MUD VIS 41.00
6606.99ft: MUD PH 9.50
6611.58ft: SURVEY @6566 INC 0.2 AZI 159.9
6611.58ft: ZWOB from SideKick sk-11-11-1250
6611.58ft: ZDiffPressure from SideKick sk-11-11-1250
6611.88ft: Connection at 6616.4
6612.73ft: IN TALLY: HOLE DEPTH SET TO 6616.4

6658.96ft: MUD WEIGHT 9.65
6658.99ft: MUD VIS 50.00
6658.99ft: MUD PH 10.00

6677.13ft: ZDiffPressure from SideKick sk-11-11-1250
6682.87ft: ZDiffPressure from SideKick sk-11-11-1250
6682.87ft: ZDiffPressure from SideKick sk-11-11-1250

6691.50ft: PUMP SWEEP

6706.66ft: SURVEY @6658 INC 0.7 AZI 107.5
6706.66ft: Connection at 6708.1
6706.66ft: ZDiffPressure from SideKick sk-11-11-1250



6757.91ft: MUD WEIGHT 9.65
6758.01ft: MUD VIS 46.00
6758.86ft: MUD PH 9.70

6792.55ft: TRANSFERED TO TRIP TANK

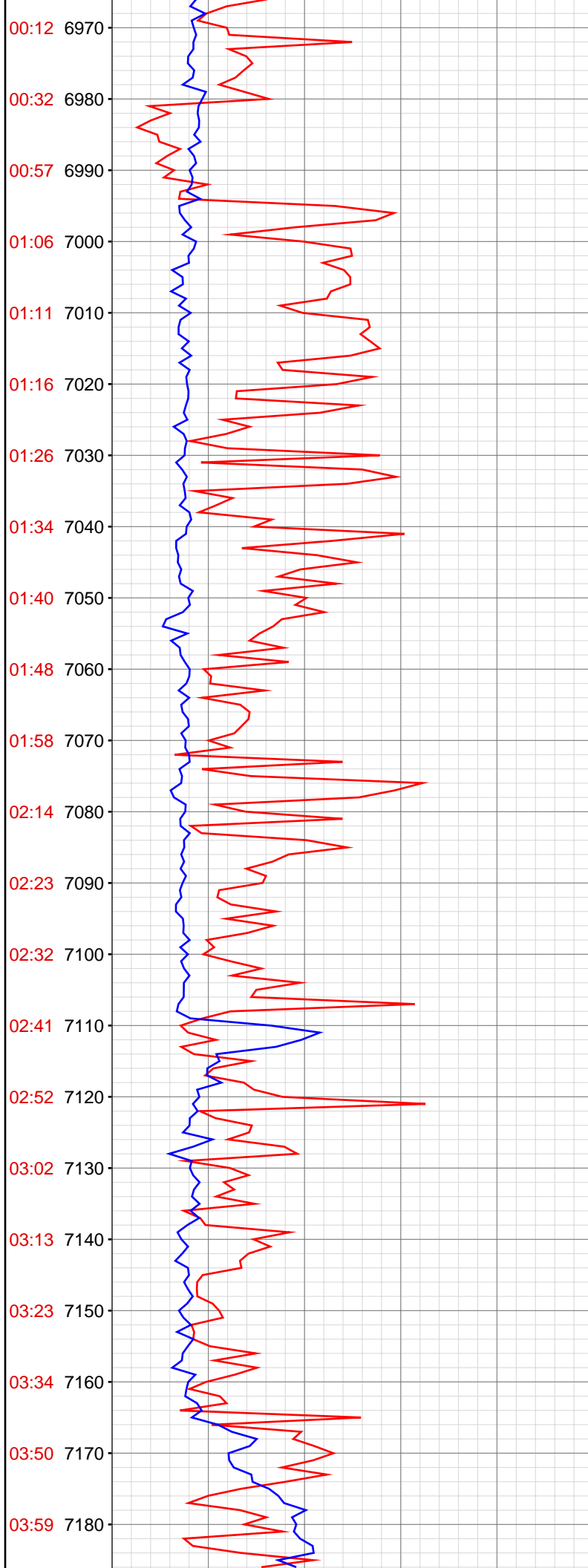
6798.16ft: SURVEY @6749 INC 1.0 AZI 77.3

6803.15ft: TRANSFER 65 BBL

6809.71ft: MUD WEIGHT 9.65
6809.71ft: MUD VIS 50.00
6809.71ft: MUD PH 9.90

6887.86ft: Connection at 6891.3
6888.32ft: MUD WEIGHT 9.65
6888.32ft: MUD VIS 47.00
6888.32ft: MUD PH 9.30
6888.32ft: SURVEY @6841 INC 0.3 AZI 148.1
6888.32ft: ZWOB from SideKick sk-11-11-1250
6888.32ft: ZDiffPressure from SideKick sk-11-11-1250

6961.16ft: MUD WEIGHT 9.65
6961.16ft: MUD VIS 46.00
6961.52ft: MUD PH 10.00



6980.02ft: ZDiffPressure from SideKick sk-11-11-1250
6980.02ft: Connection at 6982.1
6980.18ft: SURVEY @6932 INC 0.6 AZI 122.9

6993.14ft: ZDiffPressure from SideKick sk-11-11-1250
6993.14ft: MUD WEIGHT 9.65
6993.14ft: MUD VIS 47.00
6993.14ft: MUD PH 9.70

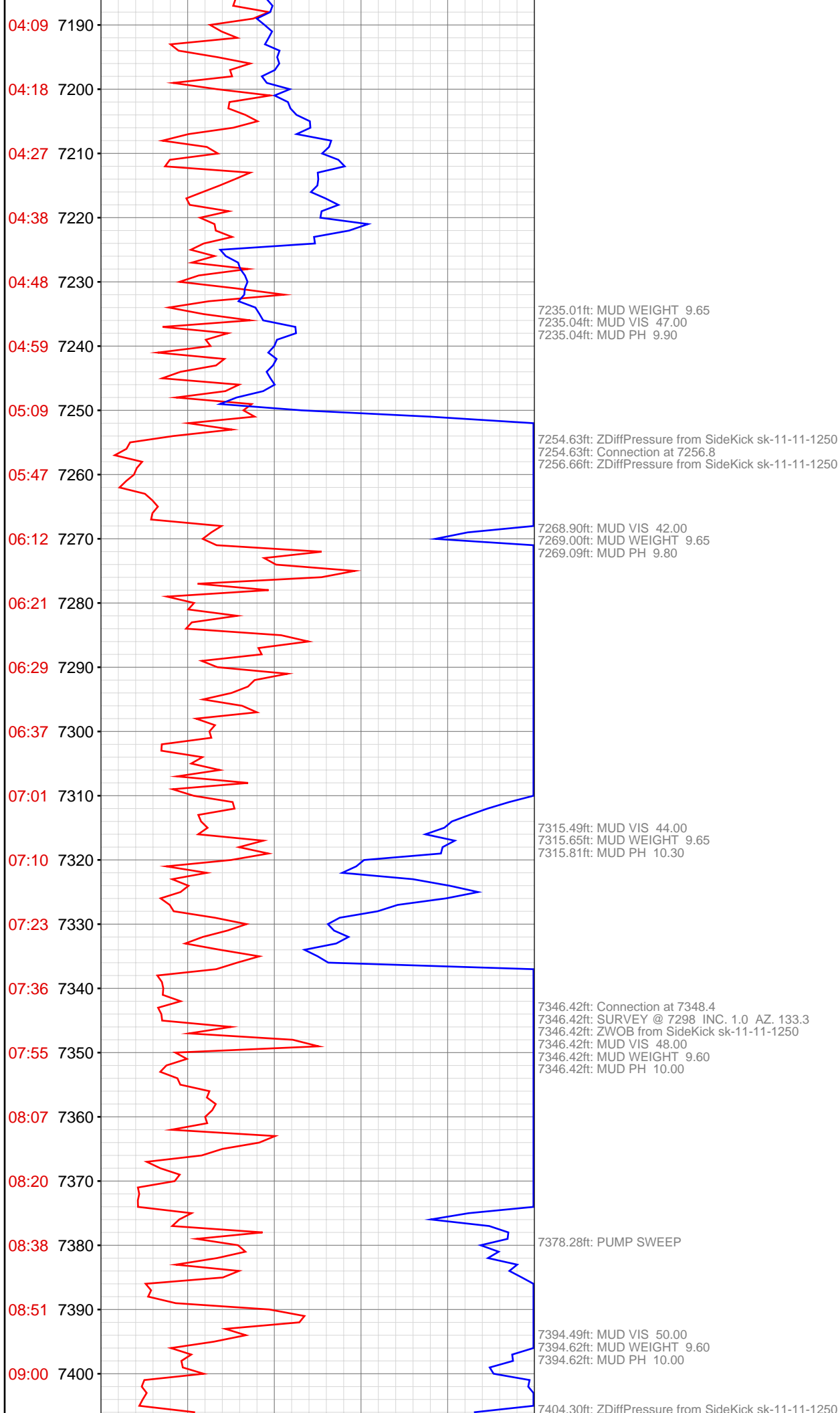
7067.16ft: MUD WEIGHT 9.65
7067.16ft: MUD VIS 45.00
7067.16ft: MUD PH 9.70
7071.49ft: SURVEY @7023 INC 0.7 AZI 294.9
7071.49ft: ZDiffPressure from SideKick sk-11-11-1250
7071.59ft: Connection at 7073.6

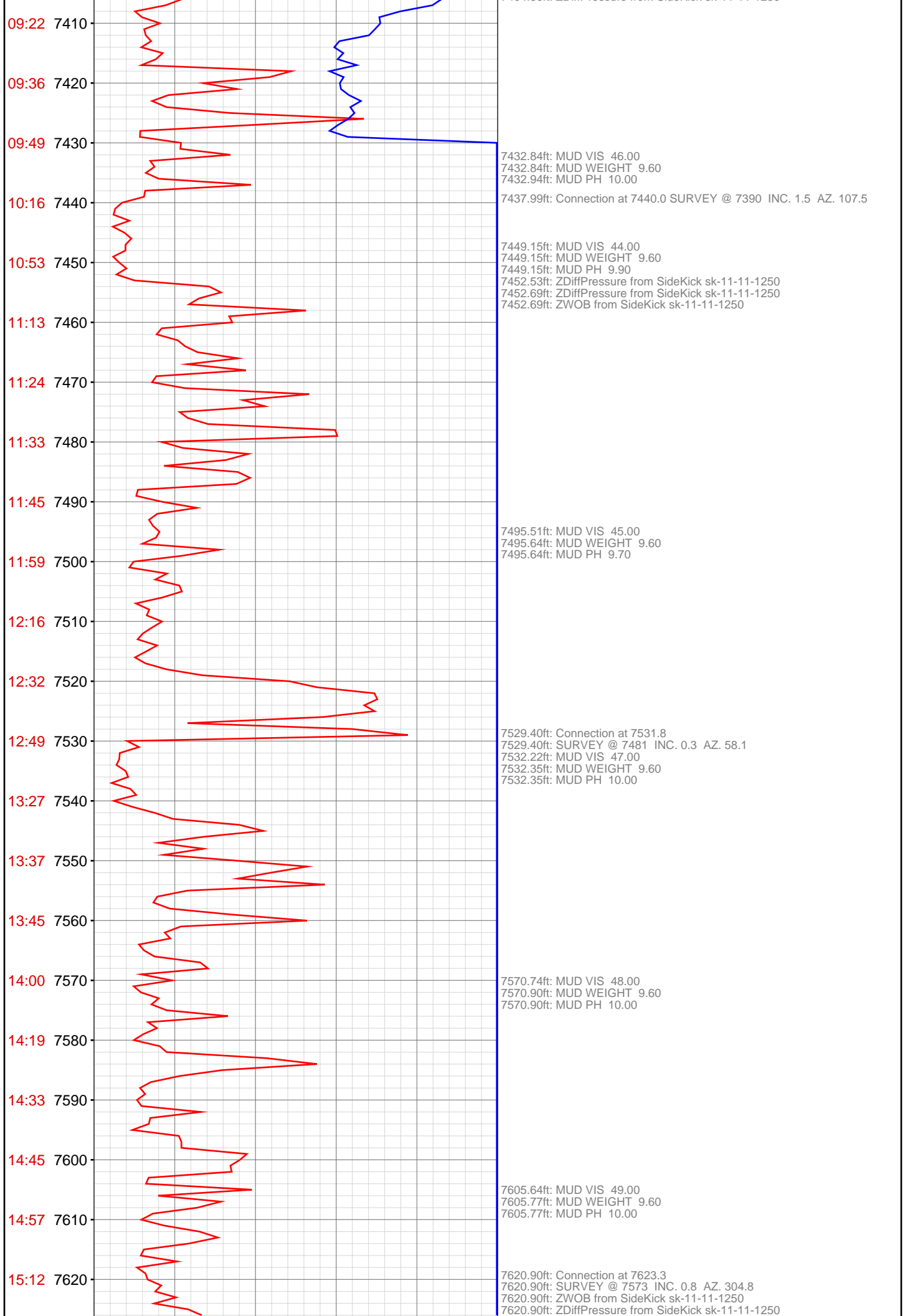
7089.99ft: PUMP OUT CELLAR

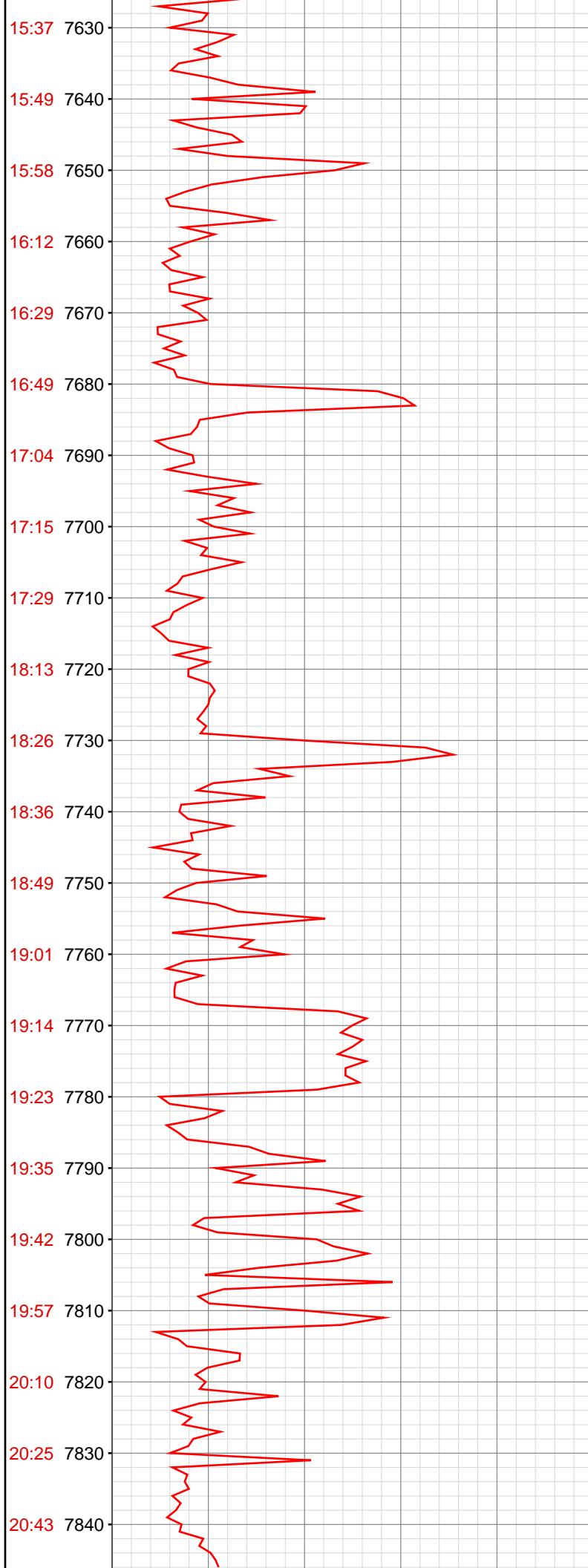
7125.00ft: MUD WEIGHT 9.65
7125.10ft: MUD VIS 46.00
7125.10ft: MUD PH 9.90

7163.29ft: SURVEY @7115 INC 0.7 AZI 30.9
7163.29ft: Connection at 7165.1
7163.29ft: ZDiffPressure from SideKick sk-11-11-1250

7172.70ft: MUD WEIGHT 9.65
7173.03ft: MUD VIS 46.00
7173.03ft: MUD PH 9.80







7646.62ft: MUD VIS 50.00
7646.62ft: MUD WEIGHT 9.60
7646.65ft: MUD PH 10.00

7687.34ft: MUD VIS 45.00
7687.40ft: MUD WEIGHT 9.60
7687.40ft: MUD PH 9.70
7688.39ft: ZDiffPressure from SideKick sk-11-11-1250

7712.43ft: SURVEY @7665 INC 0.7 AZI 332.7
7712.43ft: Connection at 7715.3
7712.43ft: ZDiffPressure from SideKick sk-11-11-1250
7712.43ft: ZWOB from SideKick sk-11-11-1250
7716.60ft: MUD WEIGHT 9.60
7716.60ft: MUD VIS 48.00
7716.60ft: MUD PH 9.90

7757.87ft: MUD WEIGHT 9.65
7757.87ft: MUD VIS 47.00
7757.87ft: MUD PH 9.80

7803.81ft: SURVEY @7756 INC 0.8 AZI 30.7
7803.81ft: ZDiffPressure from SideKick sk-11-11-1250
7803.81ft: ZWOB from SideKick sk-11-11-1250
7803.81ft: Connection at 7806.4
7806.99ft: MUD WEIGHT 9.60
7806.99ft: MUD VIS 47.00
7806.99ft: MUD PH 9.90

7829.76ft: ZWOB from SideKick sk-11-11-1250
7829.76ft: ZDiffPressure from SideKick sk-11-11-1250

