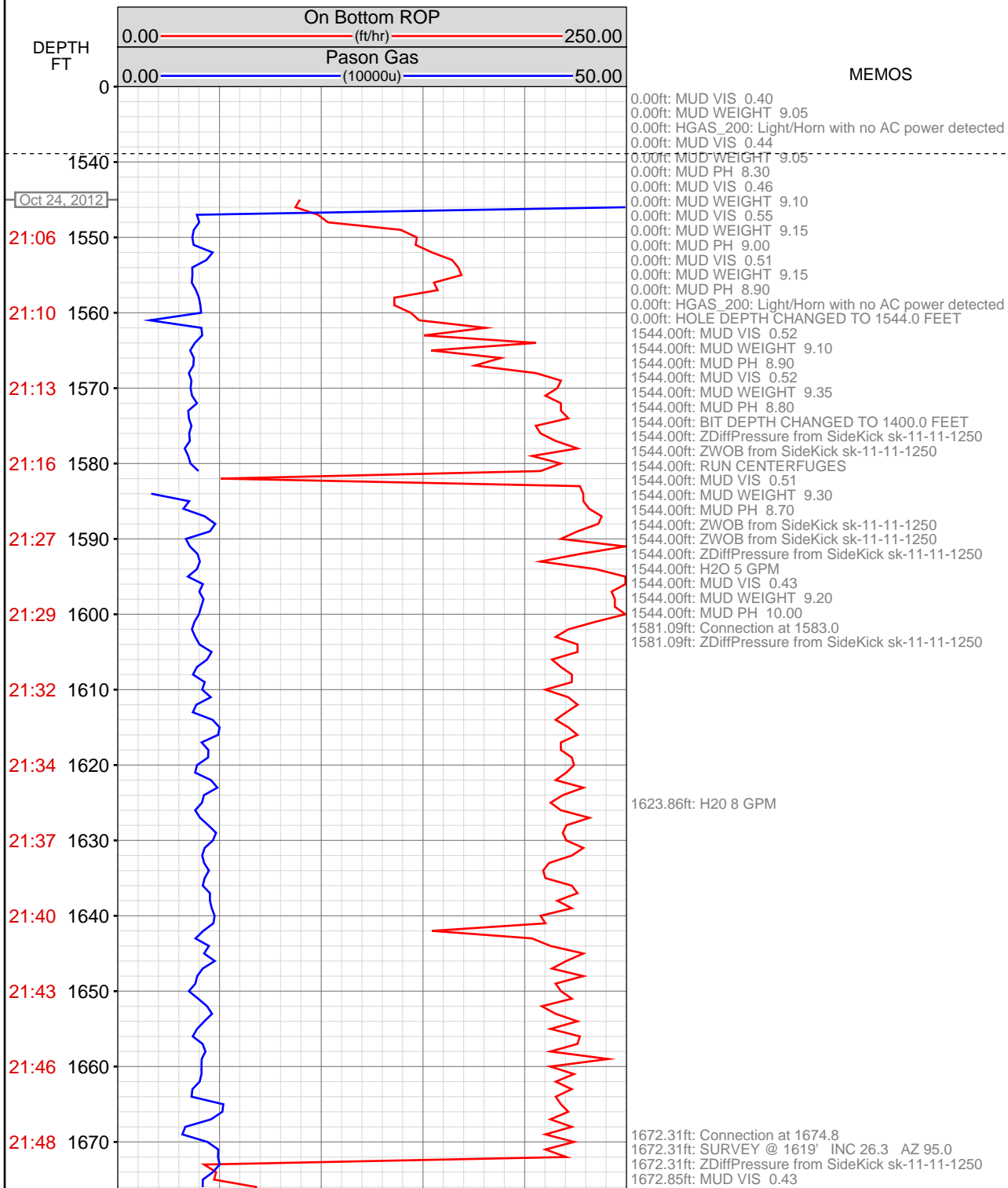
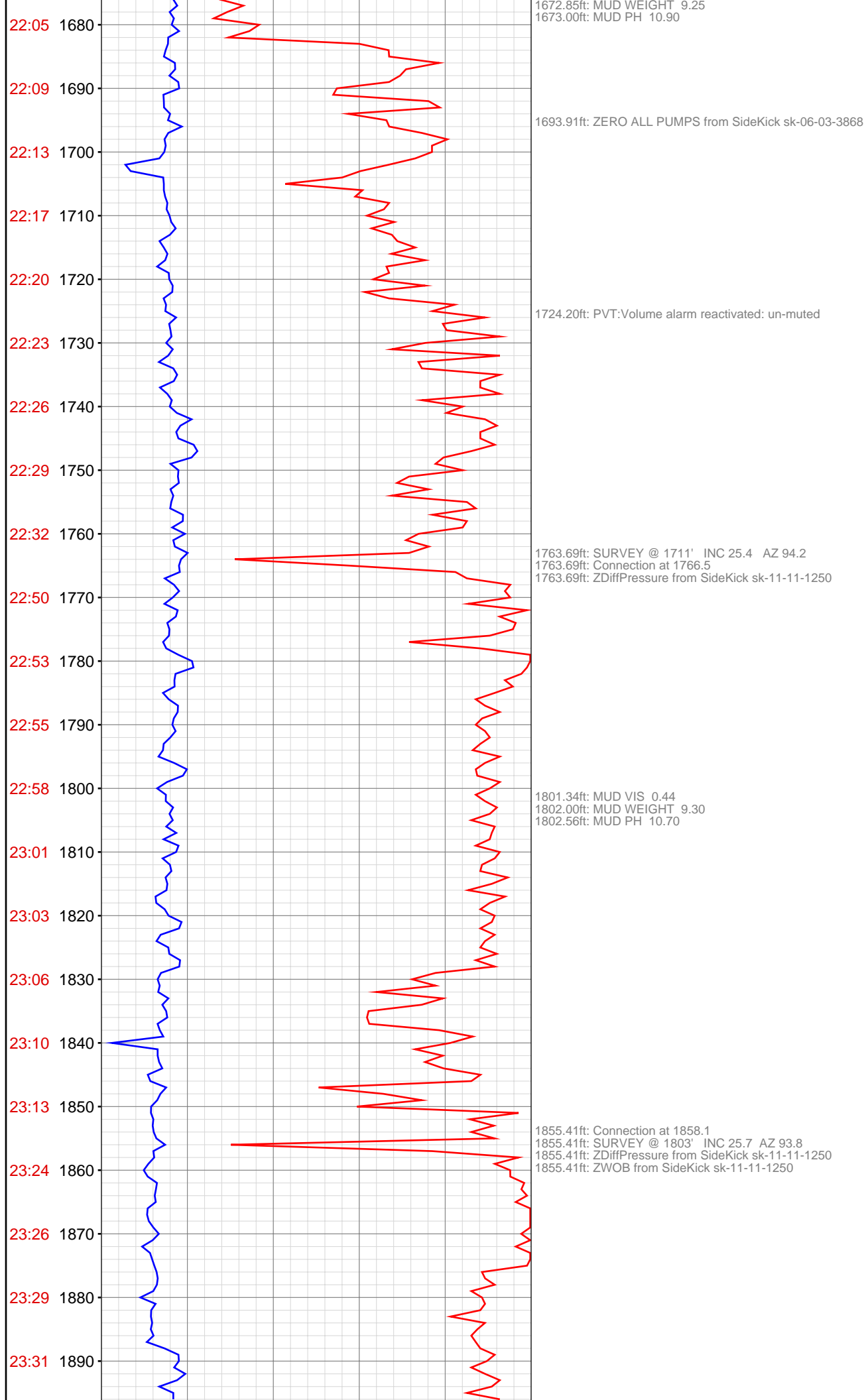
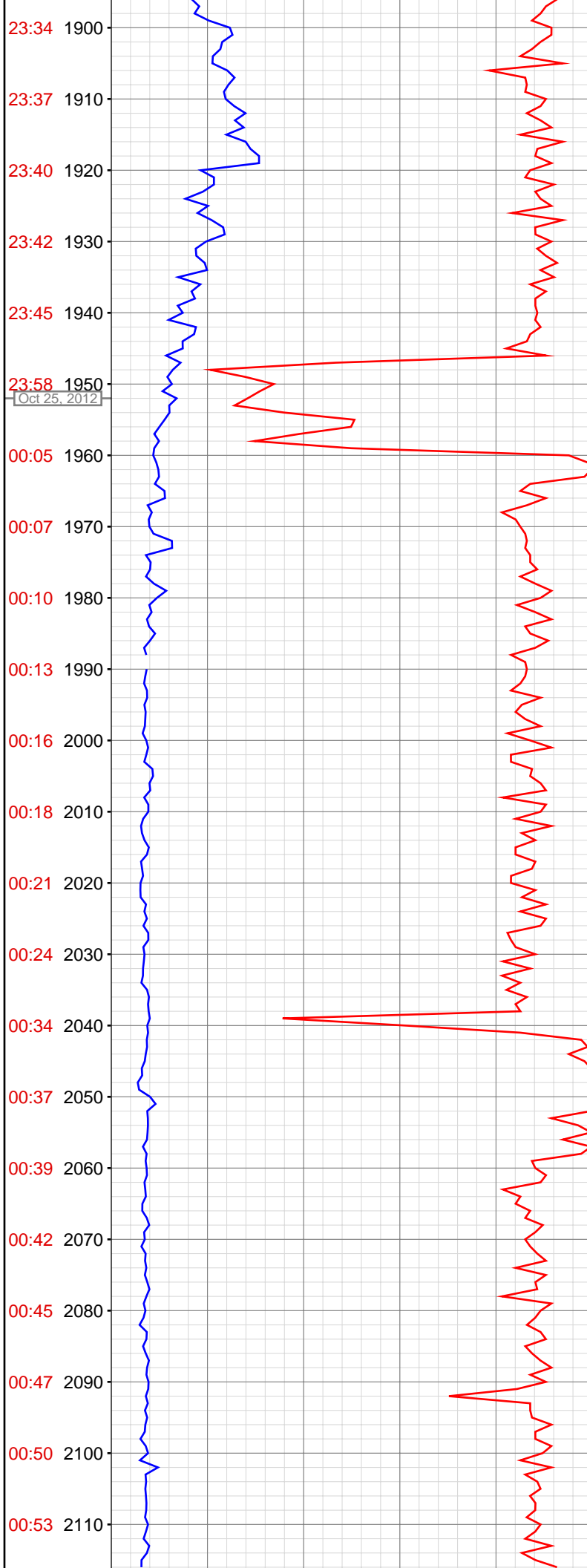


OPERATOR: EnCana Oil & Gas (USA), Inc.
WELL: SHIDELER FEE 31-9BB
FIELD:
LOCATION: NE SE SEC 31, T007S, R92W6
COUNTRY: USA
RIG: Pat-UTI 303

CONTRACTOR: Patterson-UTI Drilling Company
UNIQUE WELL ID: 05 045 21621 00
SPUD DATE: Oct 24, 2012 21:00
RELEASE DATE:





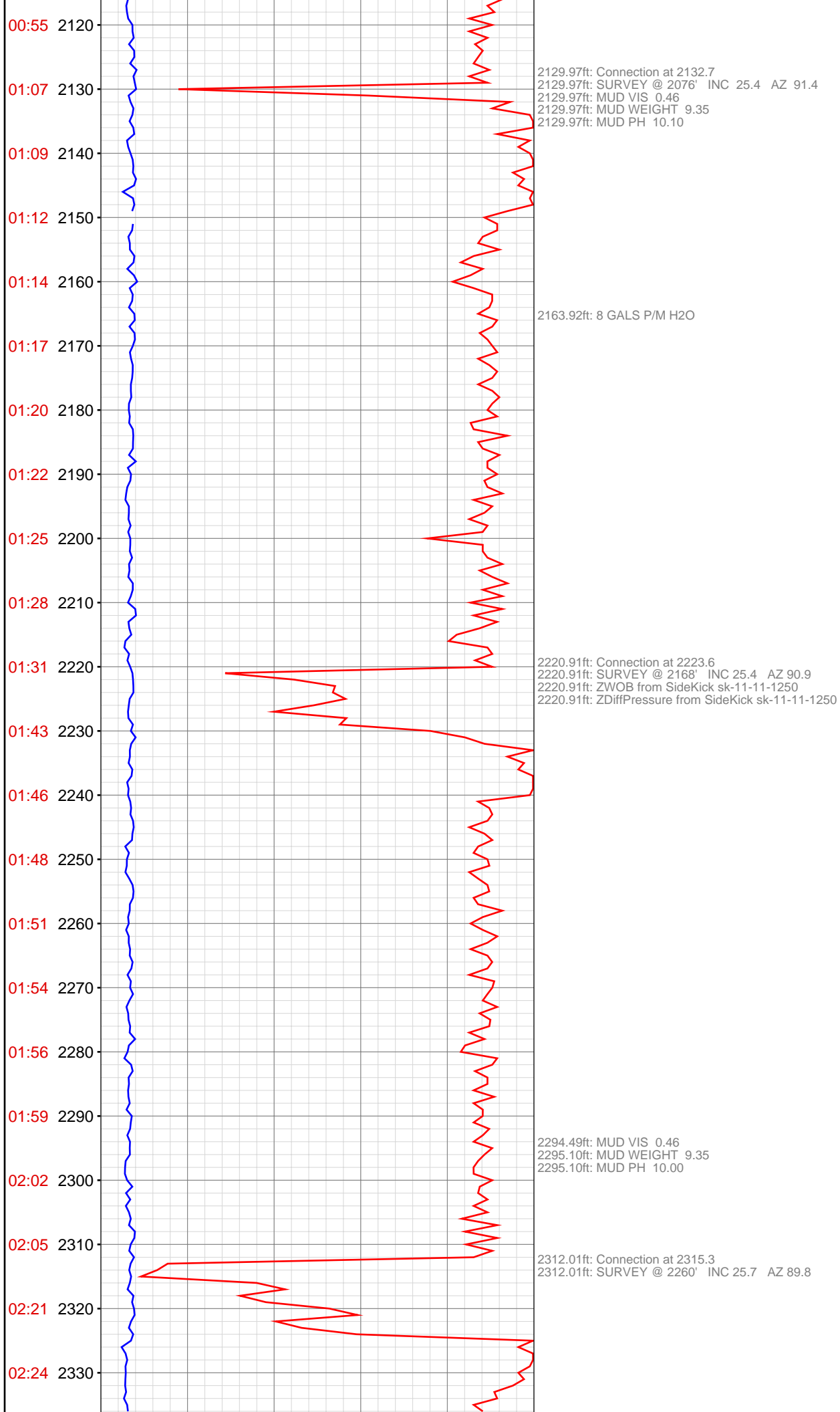


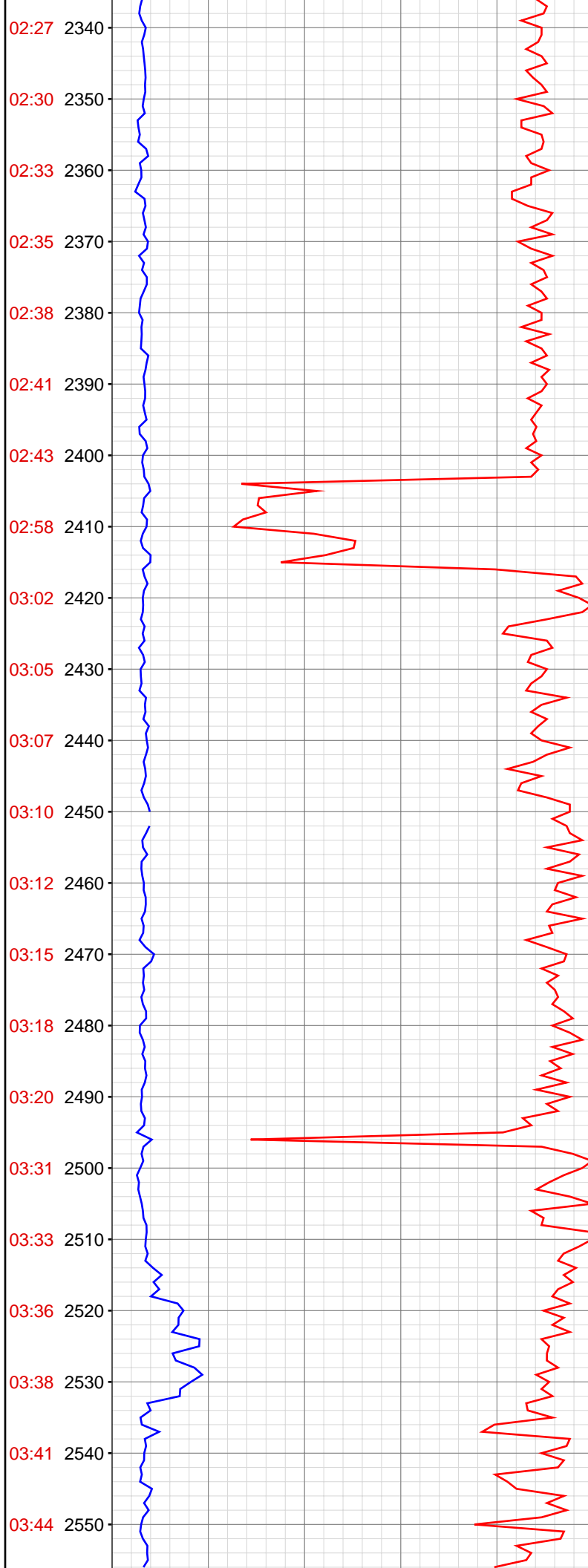
1946.95ft: HGAS_200: Light/Horn with no AC power detected
1946.95ft: ZWOB from SideKick sk-11-11-1250
1946.95ft: Connection at 1949.6
1946.95ft: SURVEY @ 1894' INC 26.1 AZ 94.0
1946.95ft: ZDiffPressure from SideKick sk-11-11-1250

2004.08ft: MUD VIS 0.45
2004.08ft: MUD WEIGHT 9.30
2005.00ft: MUD PH 10.50

2017.96ft: H2O-6 GALS P/M

2038.51ft: Connection at 2041.3
2038.51ft: SURVEY @ 1986' INC 25.4 AZ 92.2
2038.51ft: ZDiffPressure from SideKick sk-11-11-1250
2041.00ft: ZERO ALL PUMPS from SideKick sk-06-03-3868

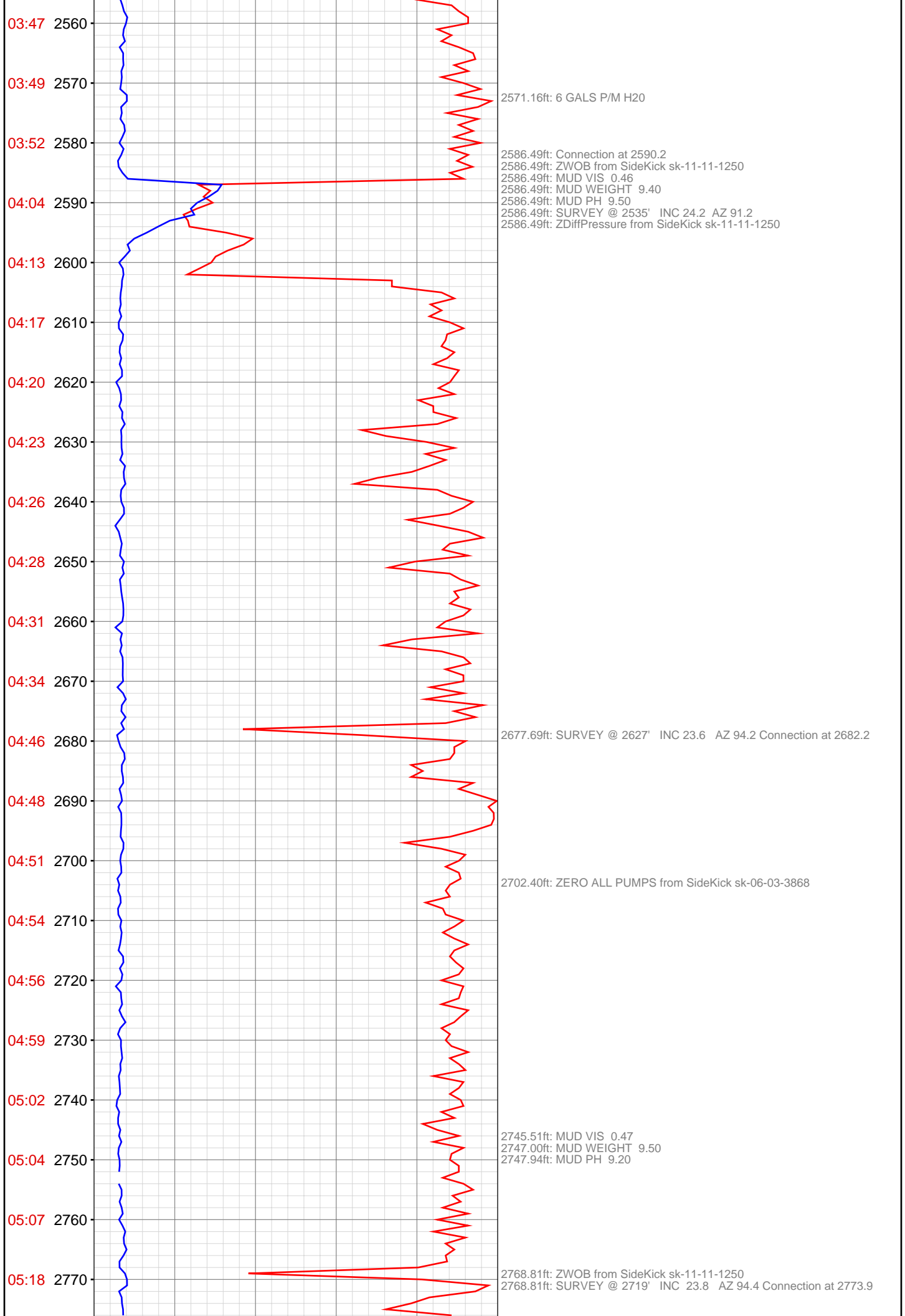


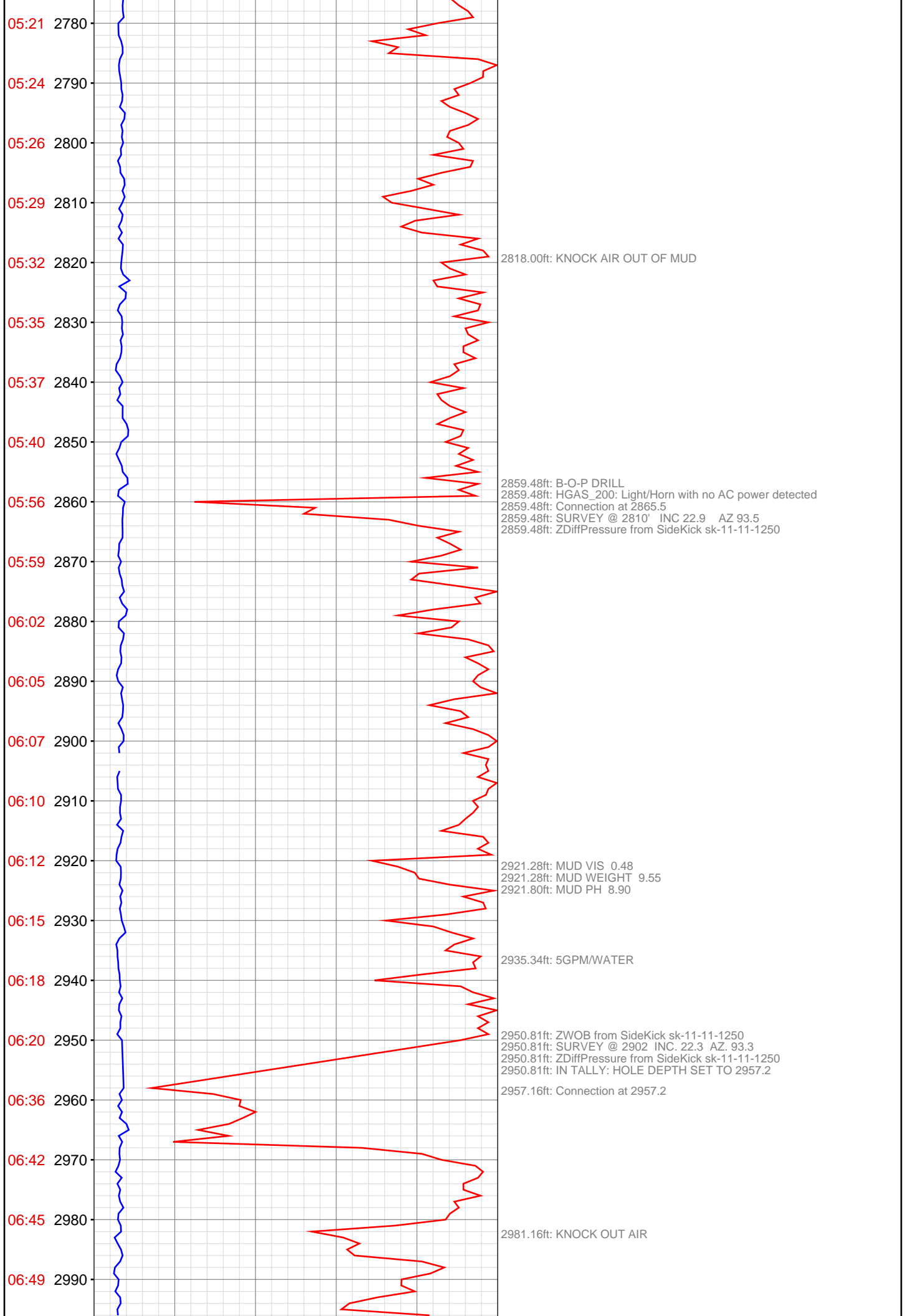


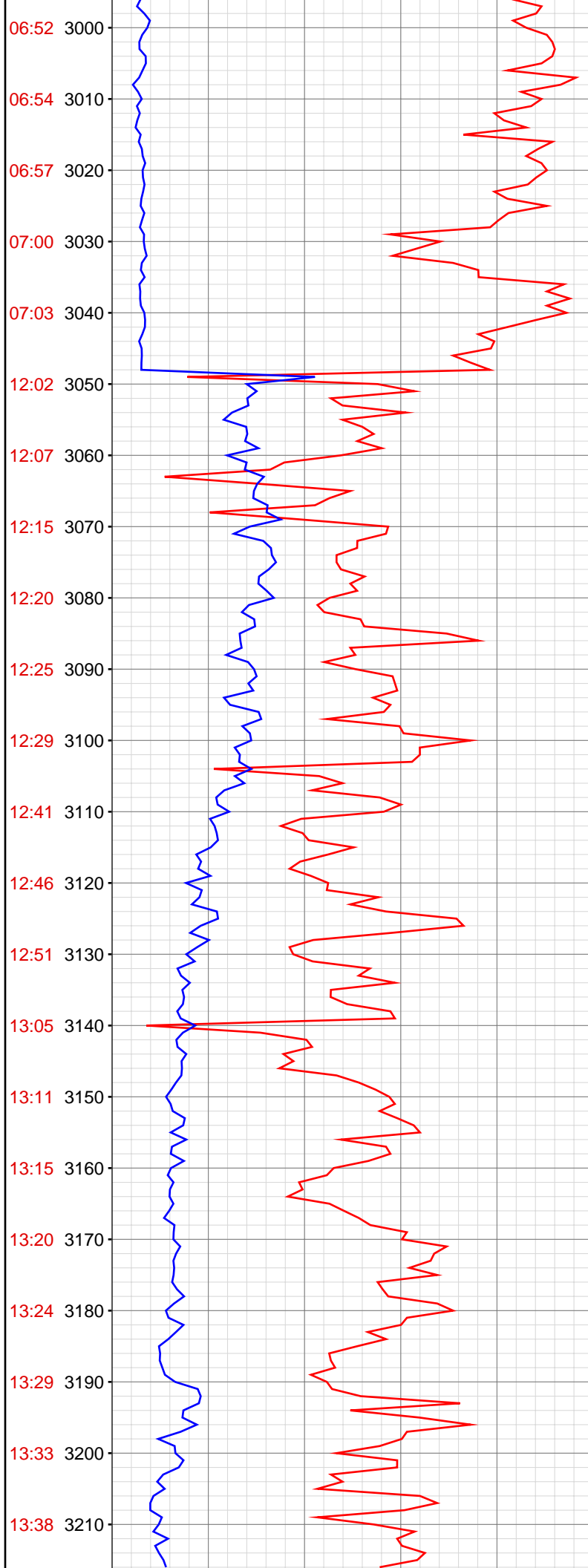
2403.67ft: ZWOB from SideKick sk-11-11-1250
2403.67ft: Connection at 2406.8 Connection at 2406.8
2403.67ft: SURVEY @ 2351' INC 24.4 AZ 89.8
2403.67ft: ZDiffPressure from SideKick sk-11-11-1250
2407.61ft: MUD VIS 0.46
2407.83ft: MUD WEIGHT 9.40
2407.83ft: MUD PH 9.80

2495.17ft: Connection at 2498.3

2534.32ft: KNOCK AIR OUT OF MUD
2537.82ft: SURVEY @ 2443' INC 23.8 AZ 92.3





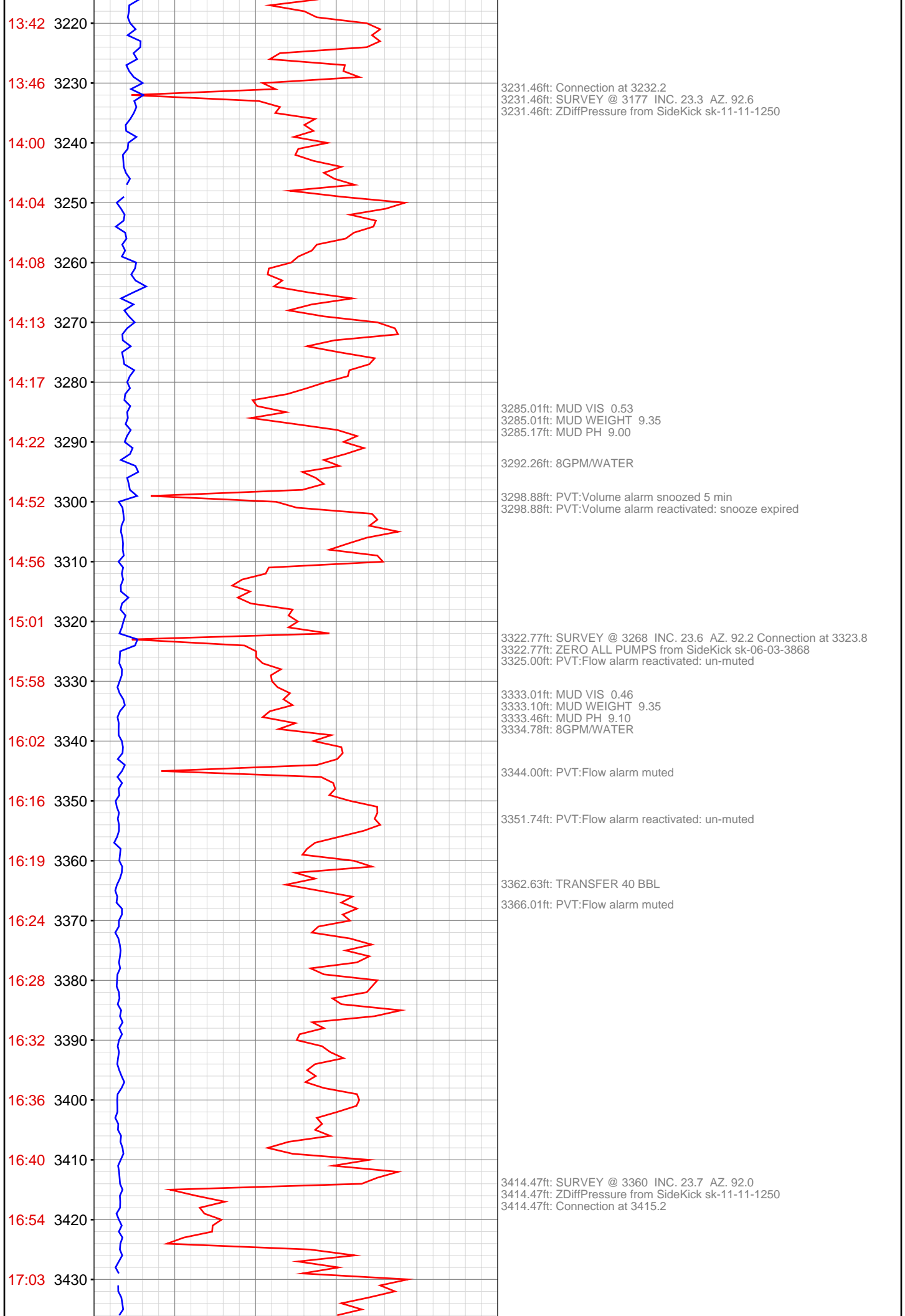


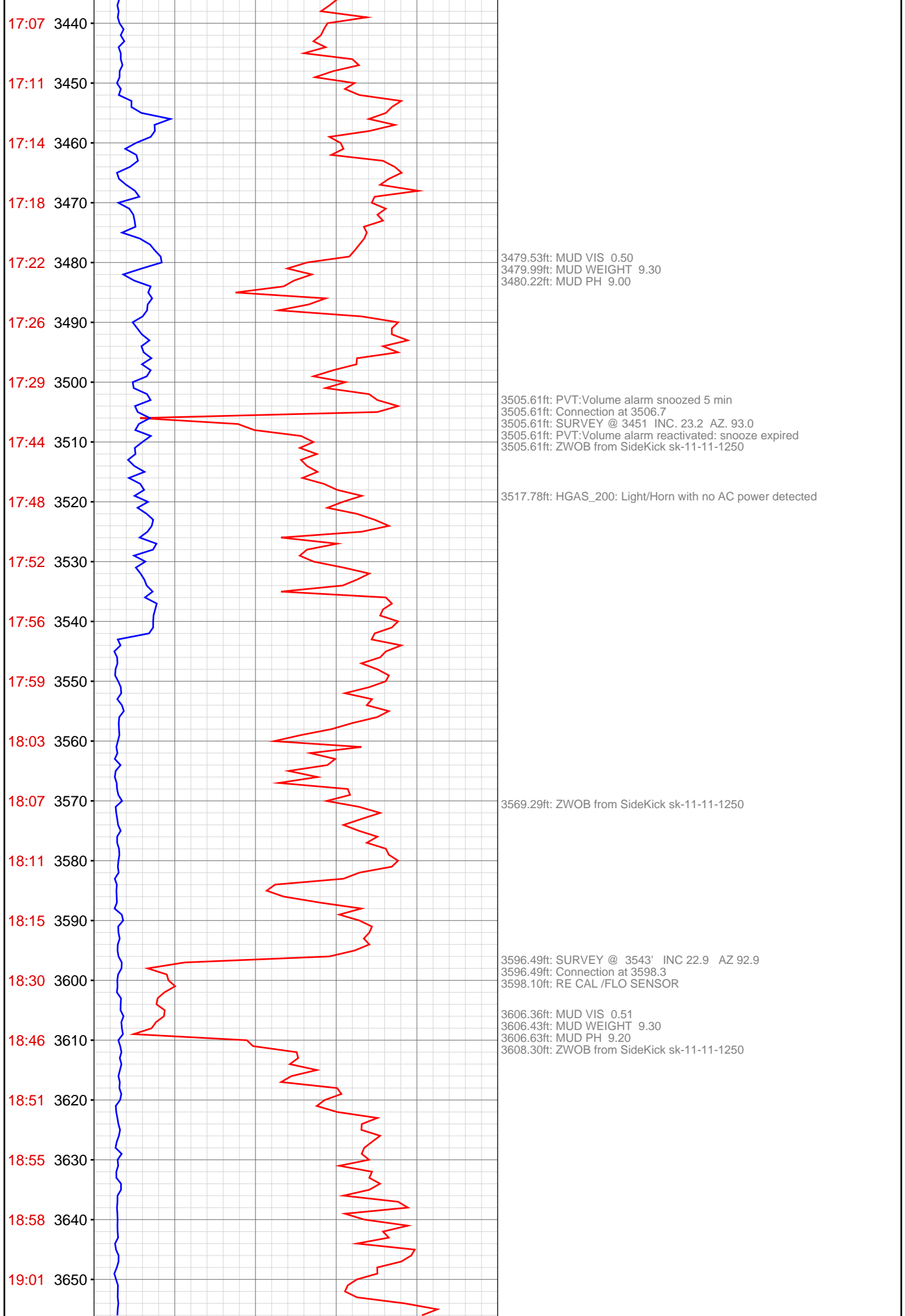
3048.56ft: SURVEY @ 2994 INC. 22.8 AZ. 93.2
3048.56ft: ZERO ALL PUMPS from SideKick sk-06-03-3868
3048.56ft: MUD VIS 0.48
3048.56ft: MUD WEIGHT 9.55
3048.56ft: MUD PH 9.40
3048.56ft: PVT:Flow alarm reactivated: un-muted
3048.56ft: MUD VIS 0.45
3048.56ft: MUD WEIGHT 9.40
3048.56ft: MUD PH 9.50
3048.56ft: MUD VIS 0.48
3048.56ft: MUD WEIGHT 9.35
3048.56ft: MUD PH 9.10
3048.56ft: HGAS_200: Light/Horn with no AC power detected
3048.56ft: 8GPM/WATER
3048.56ft: Connection at 3049.1
3048.56ft: ZDiffPressure from SideKick sk-11-11-1250
3048.56ft: ZWOB from SideKick sk-11-11-1250
3062.08ft: ZERO ALL PUMPS from SideKick sk-06-03-3868
3063.12ft: PUMP OUT CELLAR

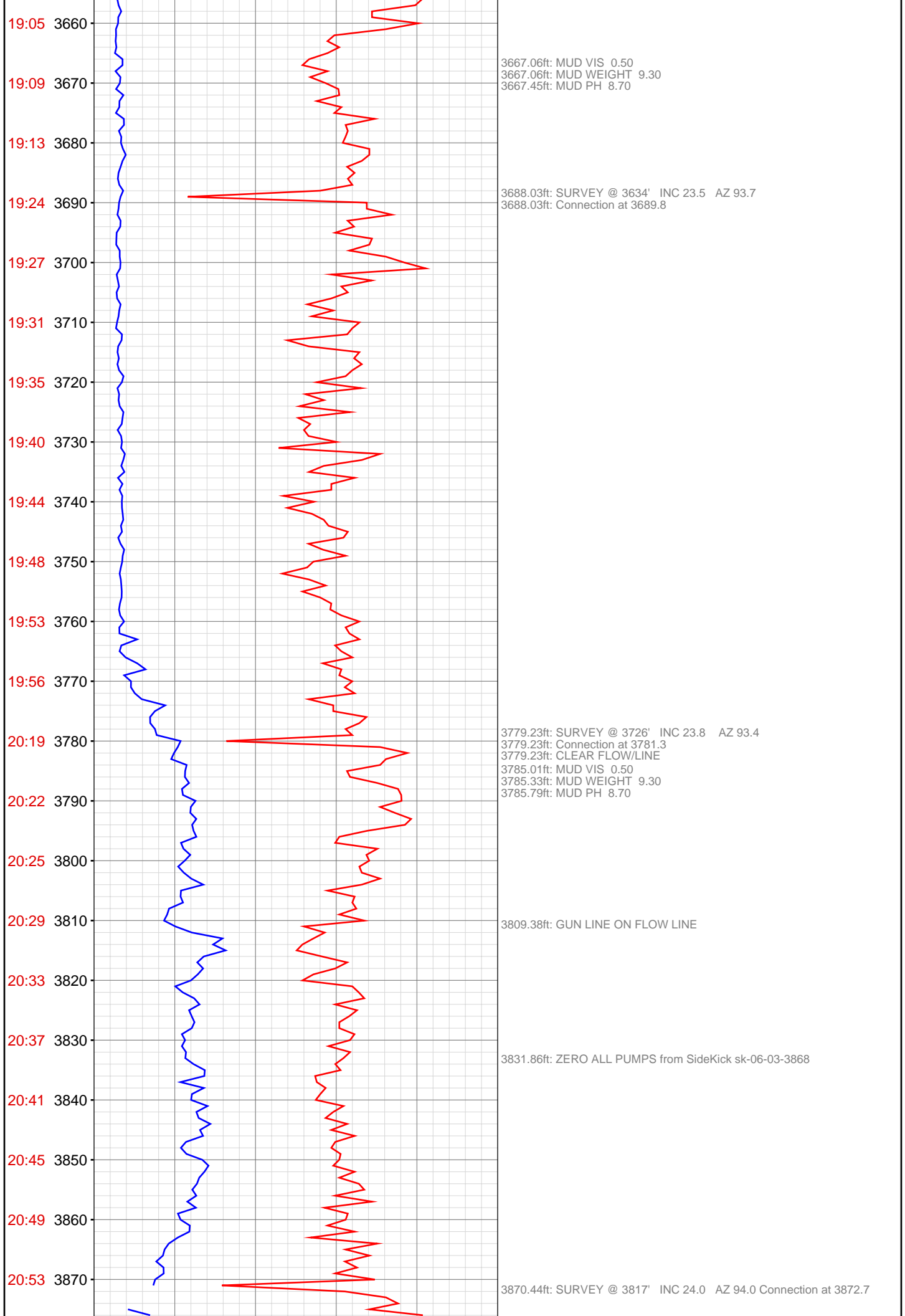
3103.38ft: ZDiffPressure from SideKick sk-11-11-1250
3103.76ft: PVT:Flow alarm muted

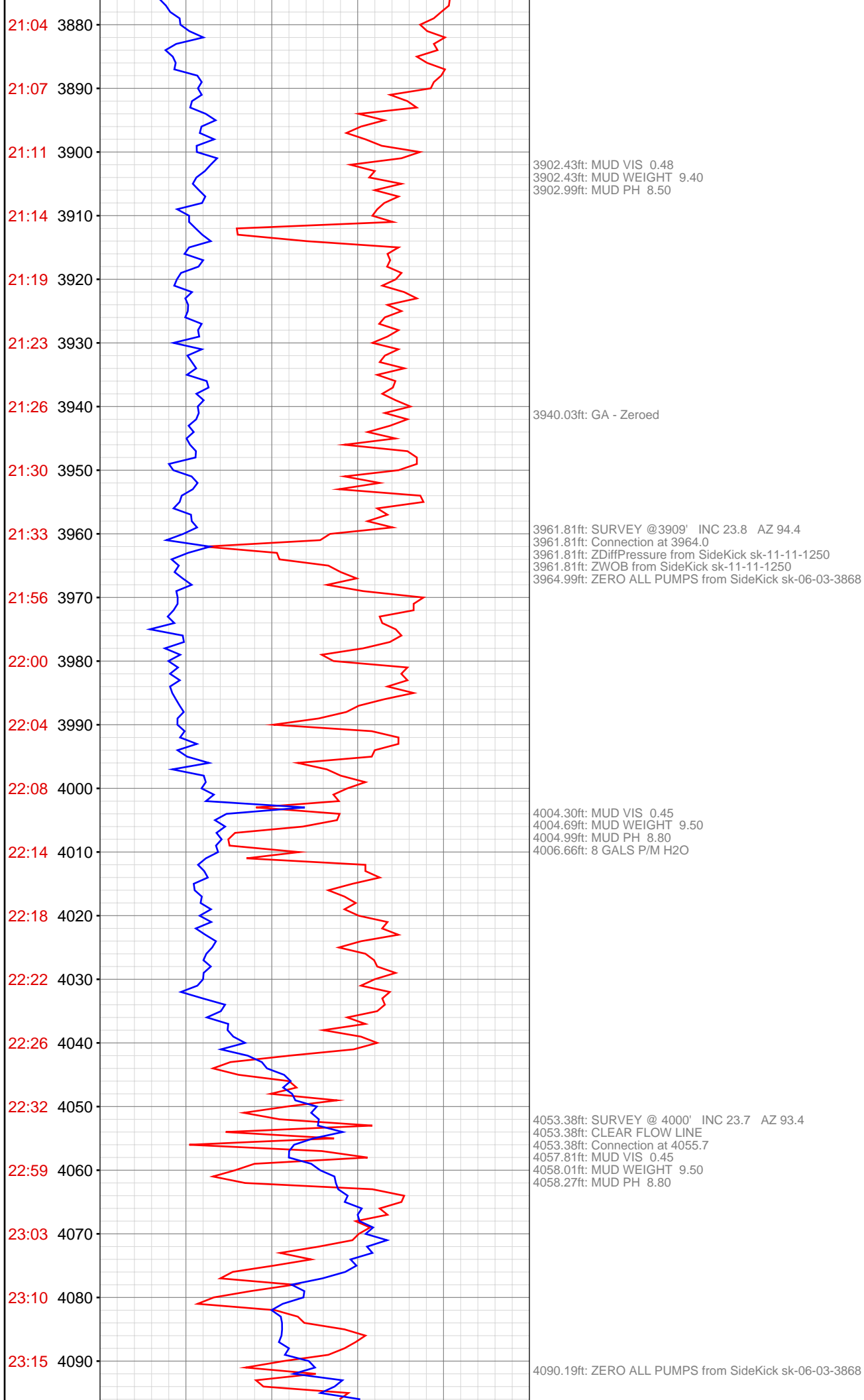
3139.84ft: Connection at 3140.5
3139.84ft: SURVEY @ 2994 INC. 23.0 AZ. 93.2
3139.84ft: SURVEY DEPTH CORRECTION 3085'
3139.84ft: ZWOB from SideKick sk-11-11-1250
3145.67ft: MUD VIS 0.50
3146.00ft: MUD WEIGHT 9.35
3146.19ft: MUD PH 8.90

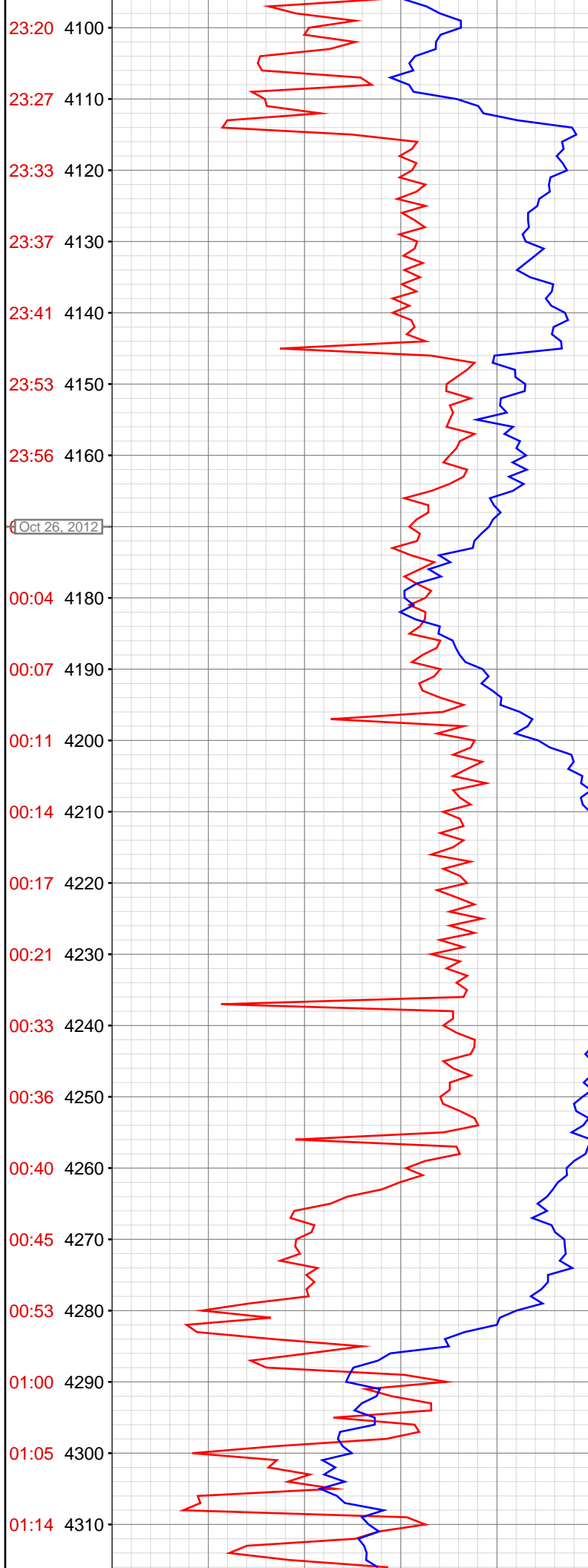
3158.96ft: 8GPM/WATER
3164.07ft: PUMP CELLAR











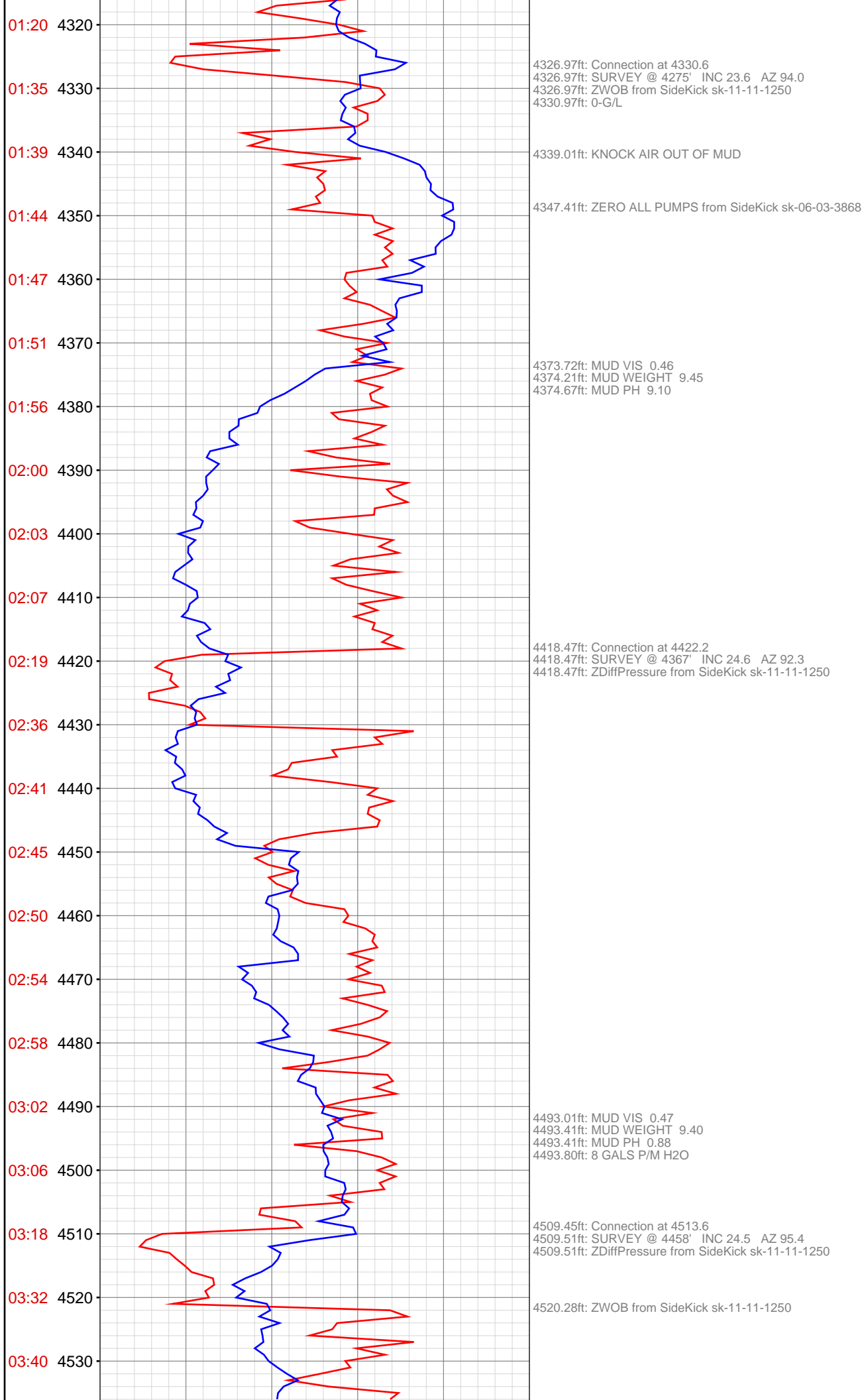
4144.95ft: SURVEY @ 4092' INC 23.8 AZ 93.7
4144.95ft: Connection at 4055.7
4144.95ft: Connection at 4147.1
4144.95ft: ZWOB from SideKick sk-11-11-1250

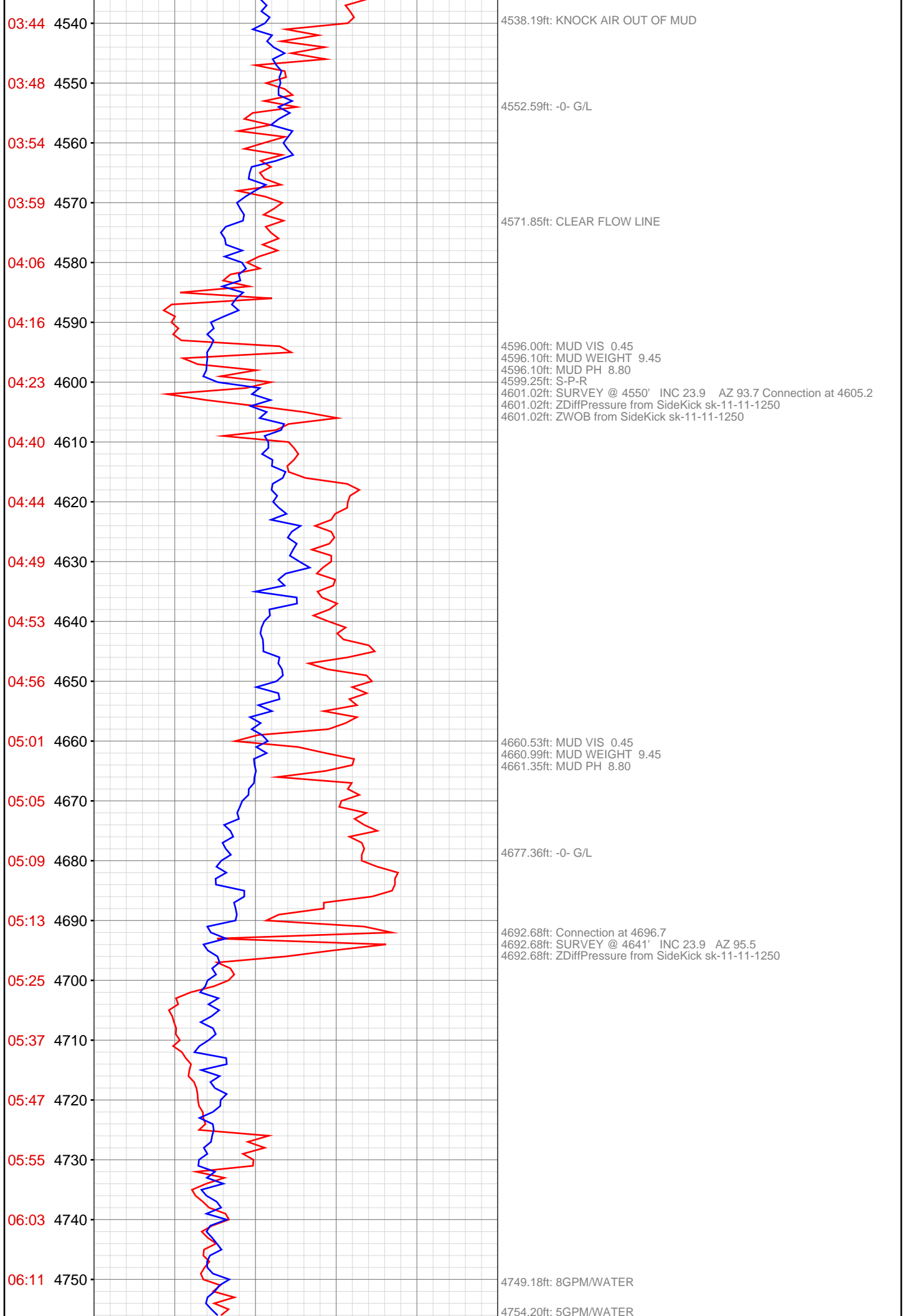
4174.54ft: MUD VIS 0.45
4175.00ft: MUD WEIGHT 9.55
4175.00ft: MUD PH 9.00

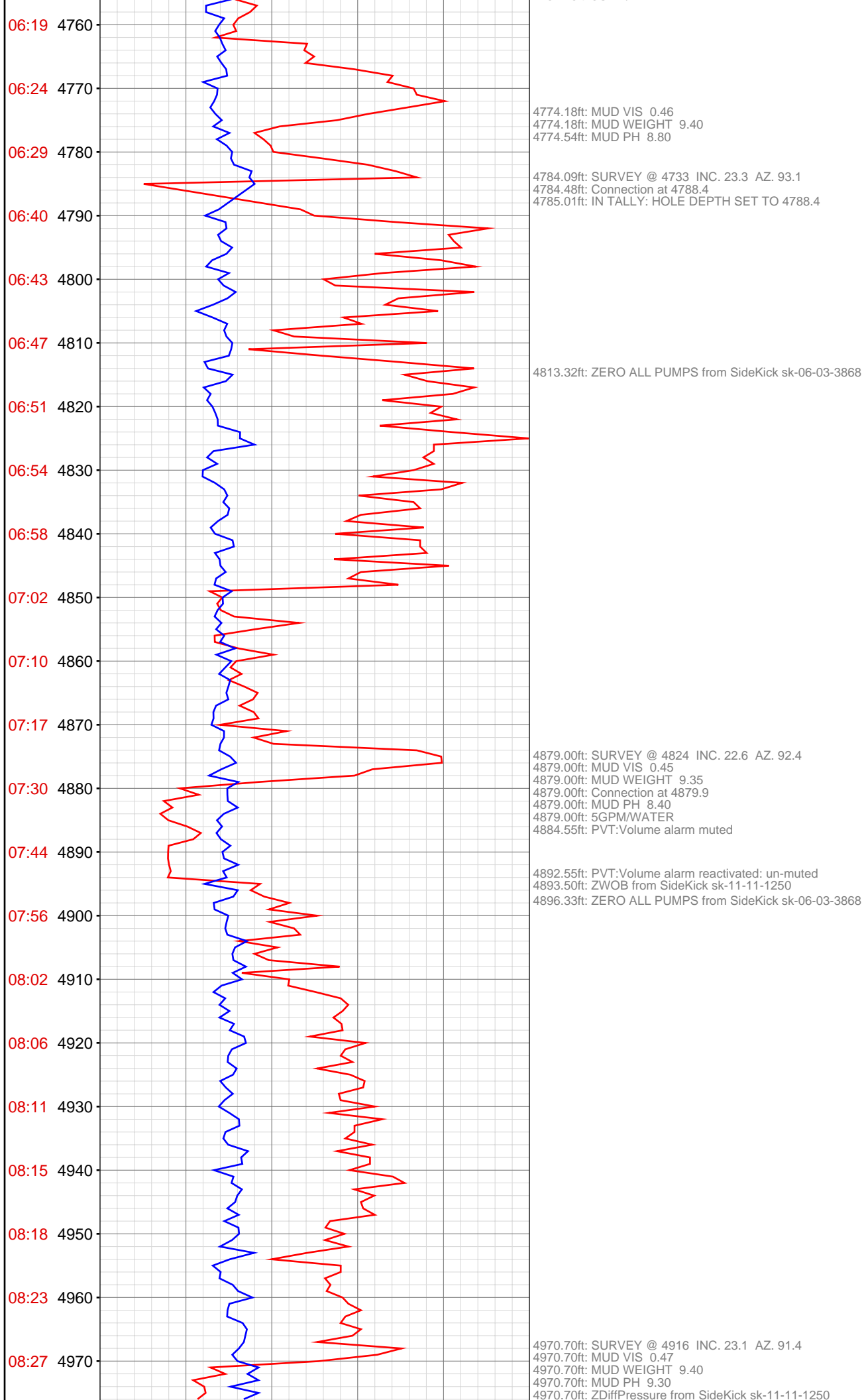
4185.66ft: 8 GALS P/M H2O

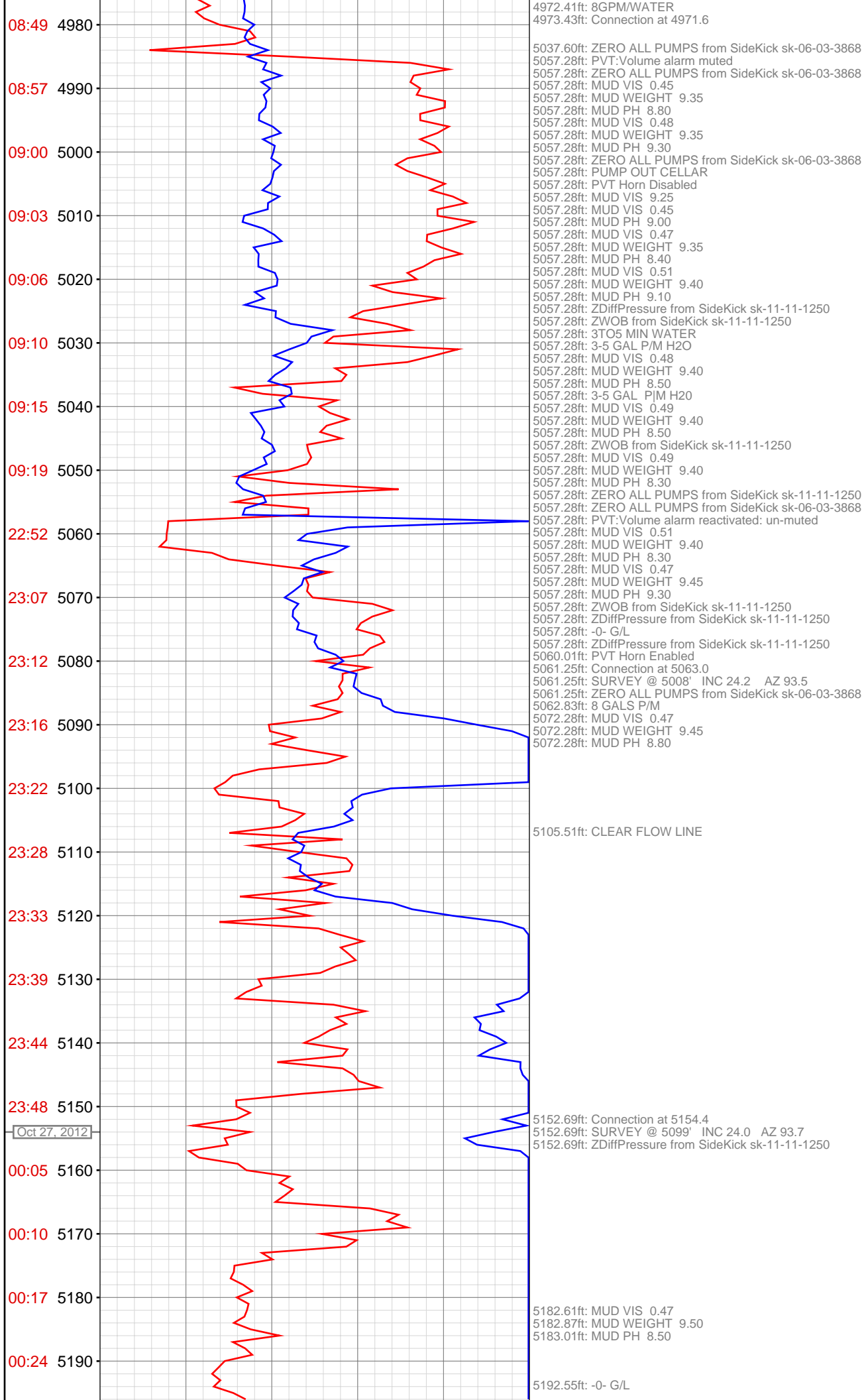
4236.19ft: SURVEY @ 4183' INC 23.7 AZ 93.1
4236.19ft: Connection at 4238.7
4236.19ft: ZWOB from SideKick sk-11-11-1250

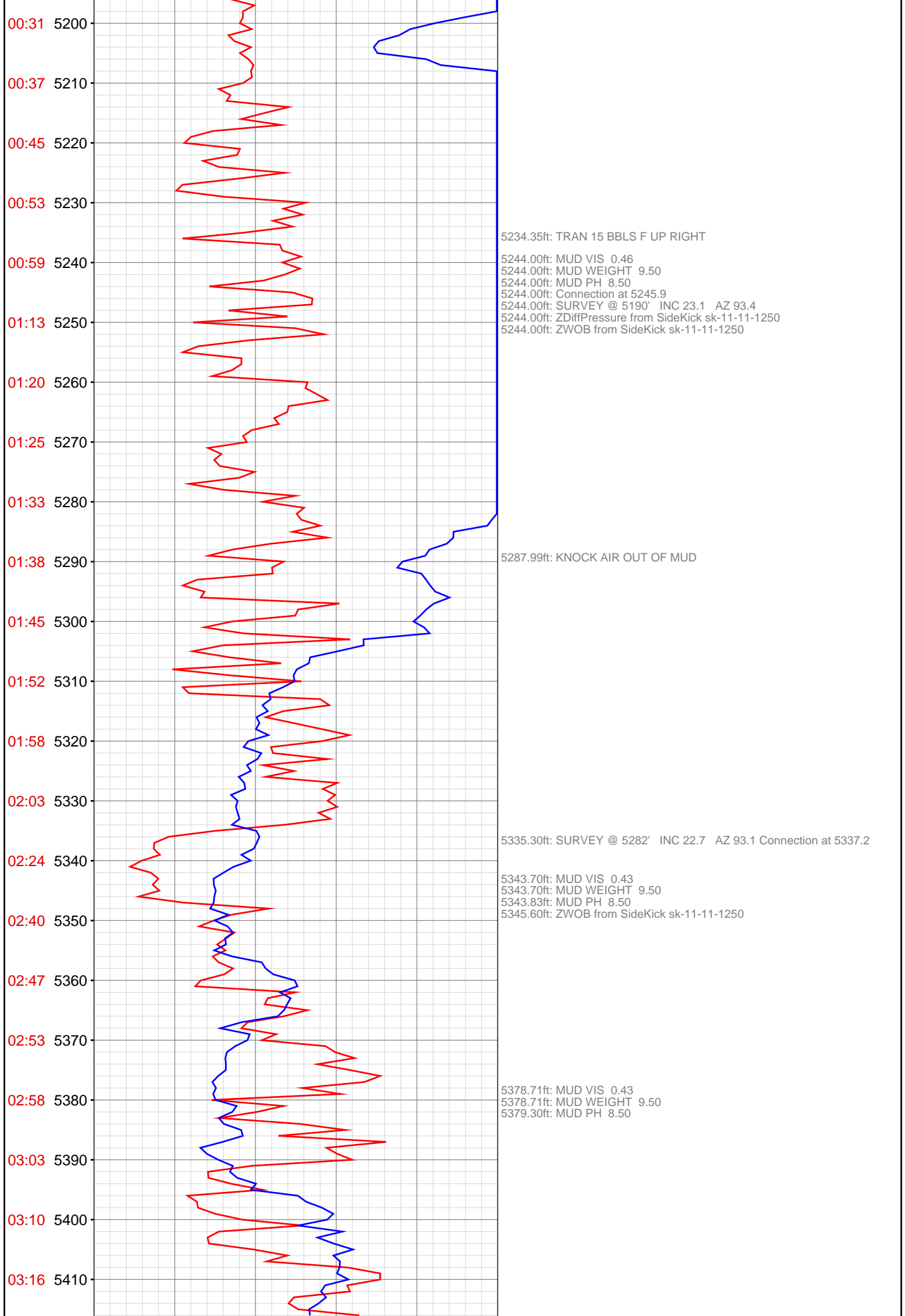
4285.76ft: MUD VIS 0.47
4285.76ft: MUD WEIGHT 9.45
4285.96ft: MUD PH 9.10

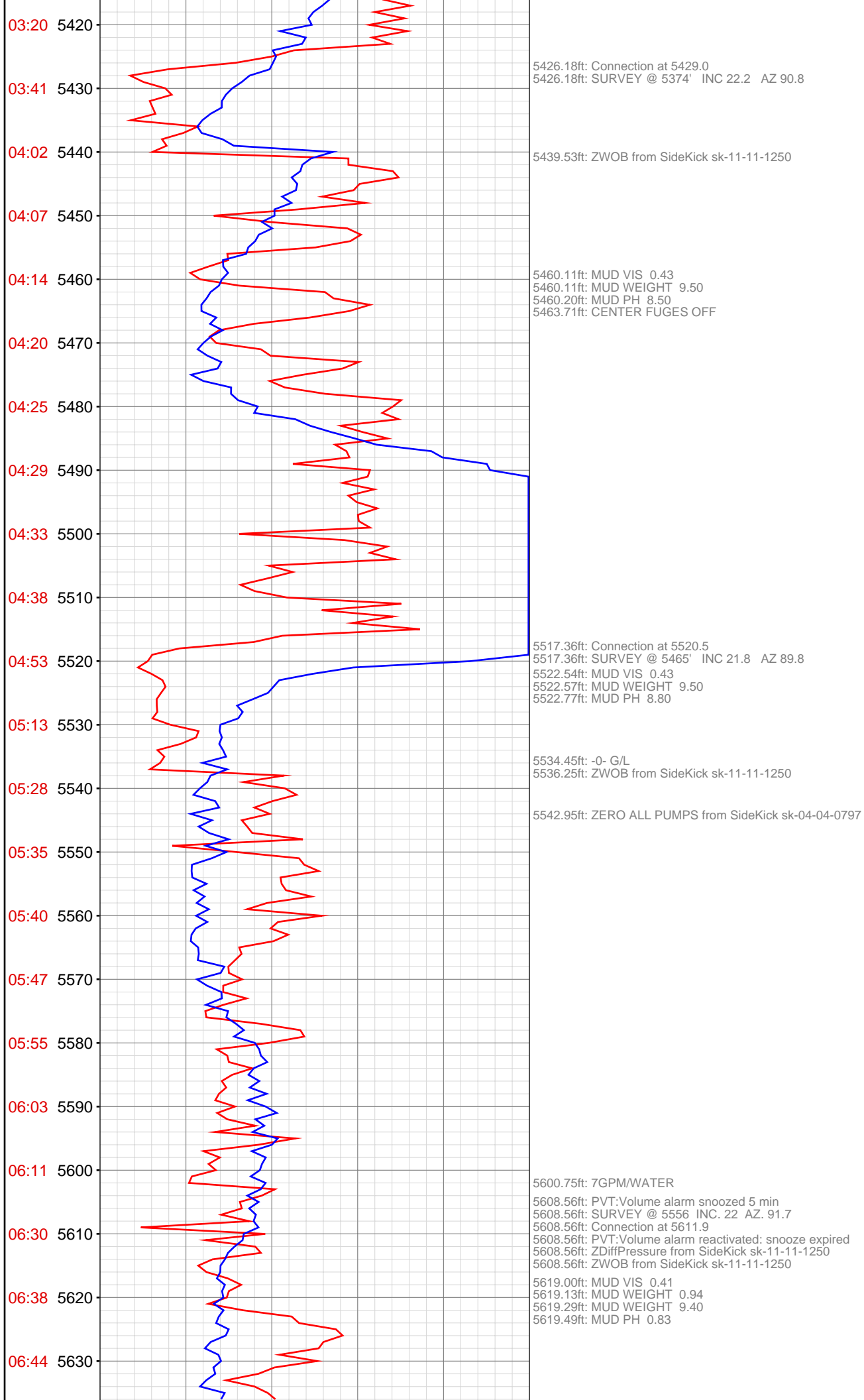


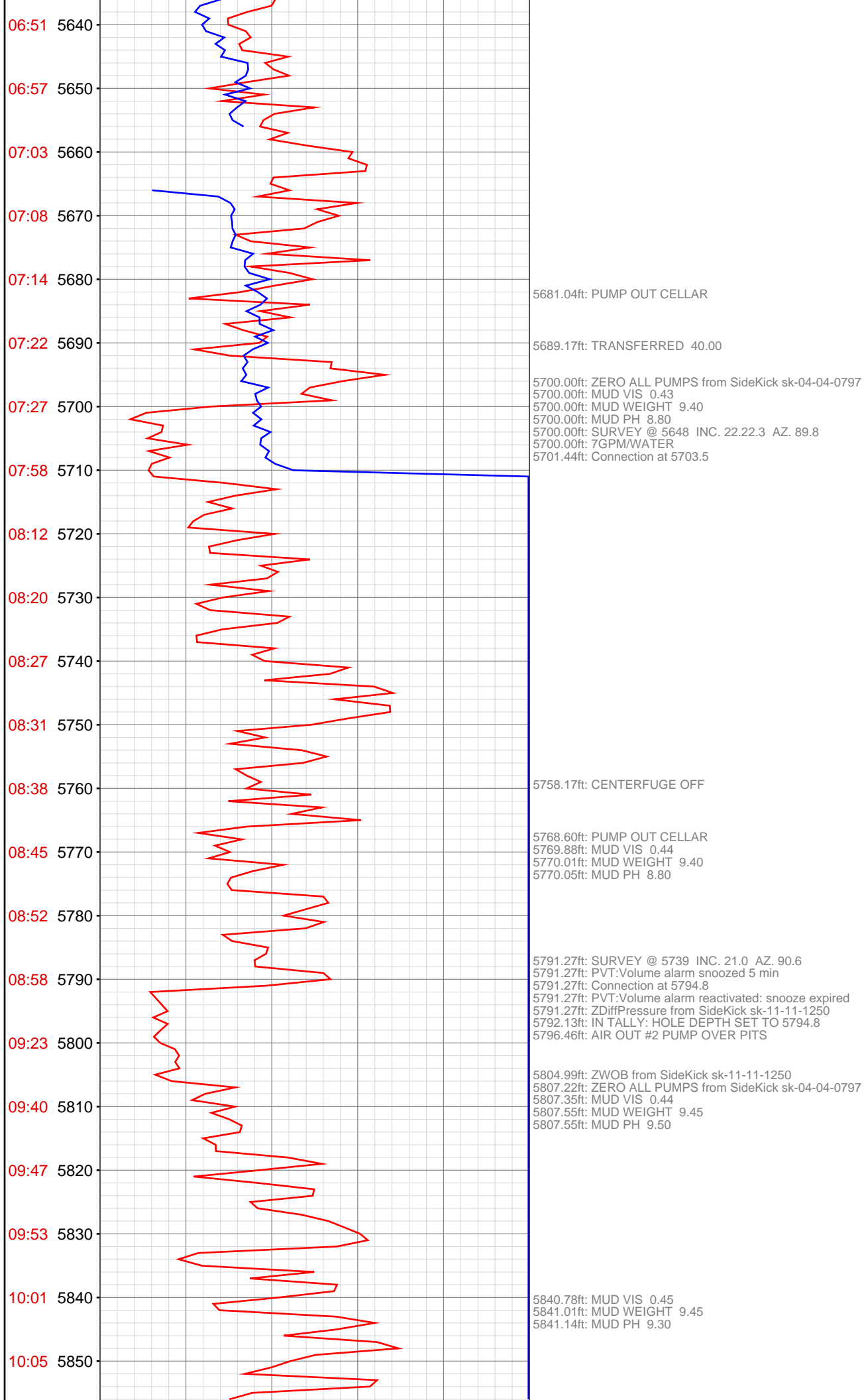




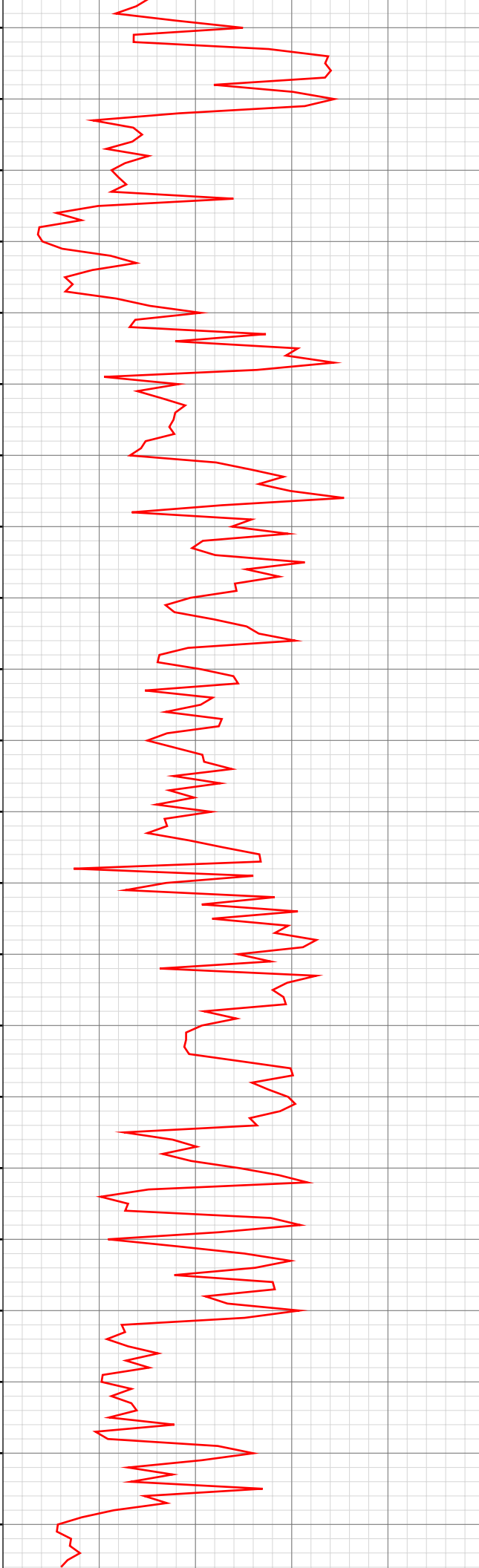








10:12 5860
10:17 5870
10:26 5880
10:56 5890
11:10 5900
11:17 5910
11:24 5920
11:30 5930
11:35 5940
11:40 5950
11:46 5960
11:52 5970
12:13 5980
12:18 5990
12:22 6000
12:27 6010
12:33 6020
12:41 6030
12:46 6040
12:54 6050
13:03 6060
13:31 6070



5885.47ft: SURVEY @ 5831 INC. 19.6 AZ. 92.6
5885.47ft: PVT:Volume alarm snoozed 5 min
5885.47ft: PVT:Volume alarm reactivated: snooze expired
5885.47ft: ZDiffPressure from SideKick sk-11-11-1250
5887.50ft: Connection at 5886.5

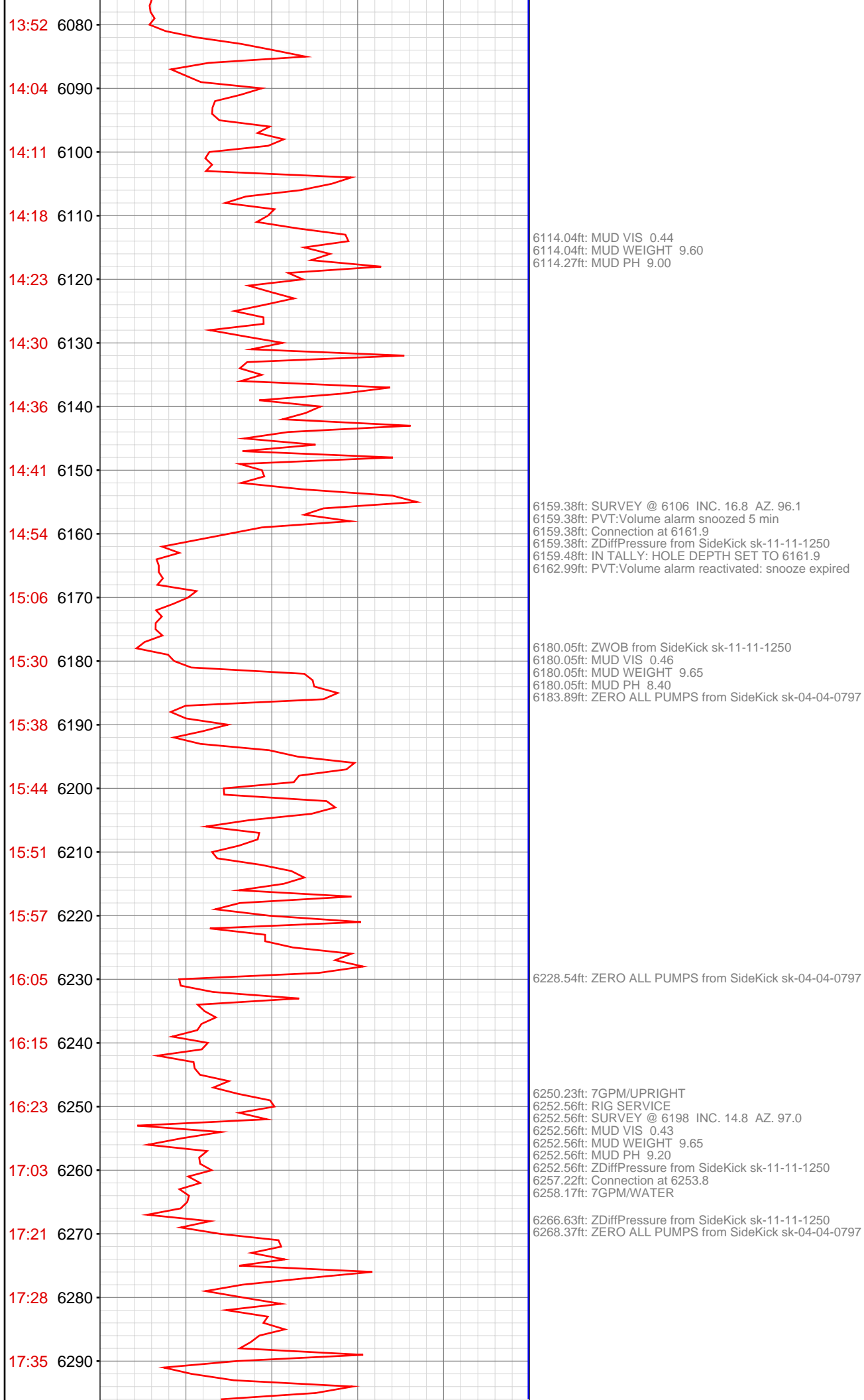
5938.35ft: MUD VIS 0.44
5938.65ft: MUD WEIGHT 9.55
5939.01ft: MUD PH 9.00

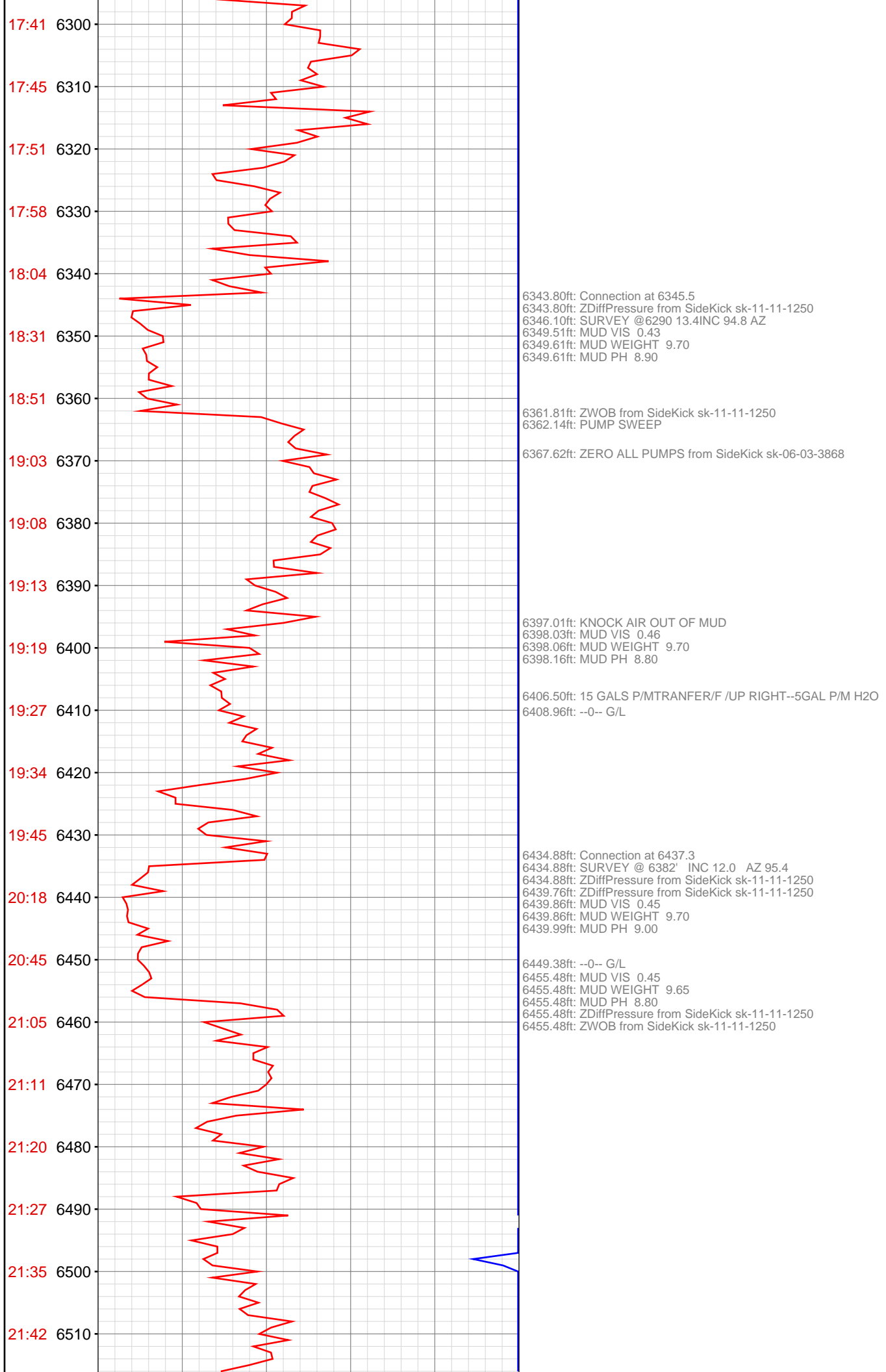
5977.03ft: SURVEY @ 5923 INC. 18.5 AZ. 95.1
5977.03ft: ZDiffPressure from SideKick sk-11-11-1250
5977.03ft: ZWOB from SideKick sk-11-11-1250
5978.81ft: Connection at 5978.1

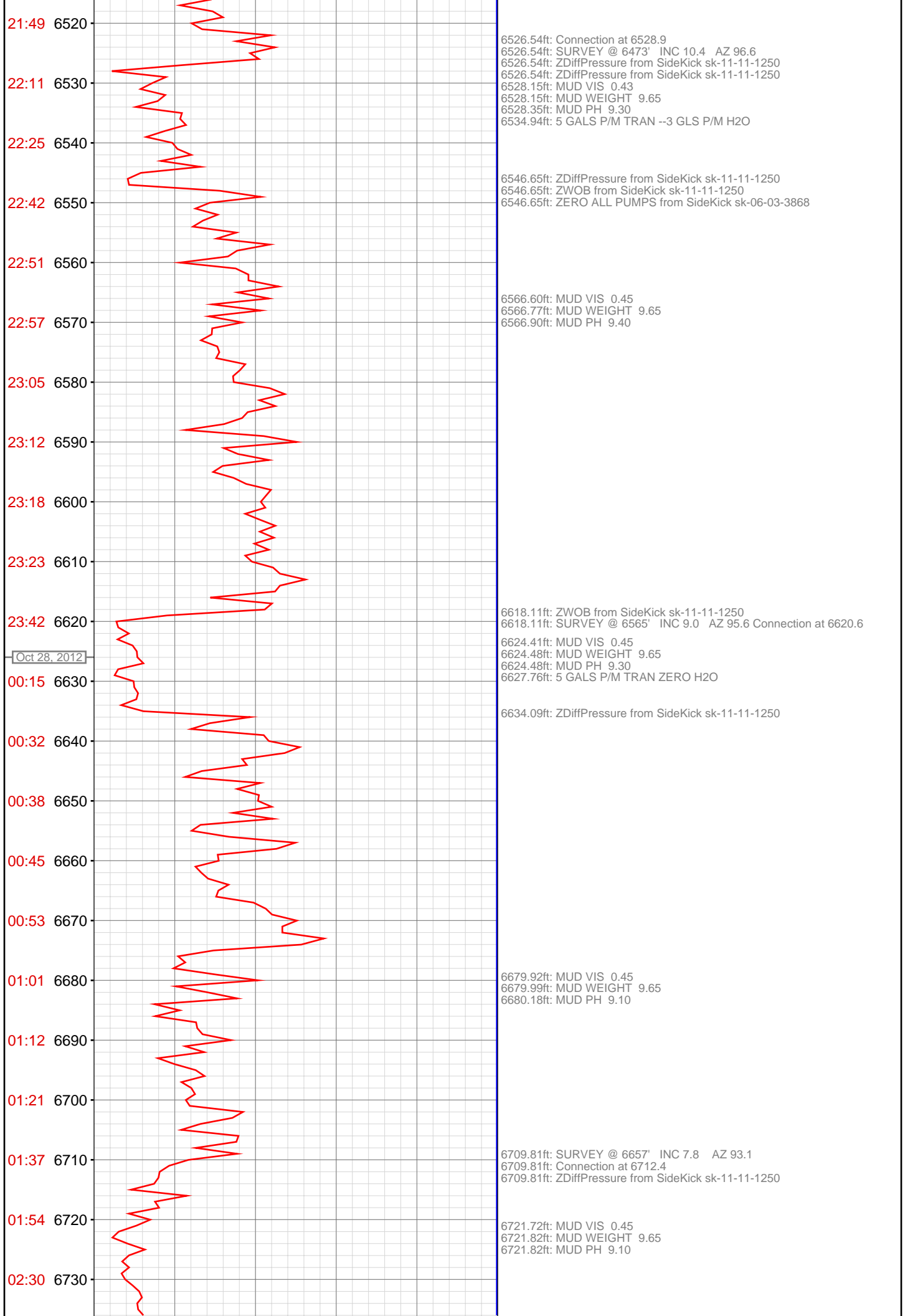
5986.68ft: MUD VIS 9.60
5986.68ft: MUD VIS 0.45
5986.98ft: MUD WEIGHT 9.60
5987.50ft: MUD PH 9.10

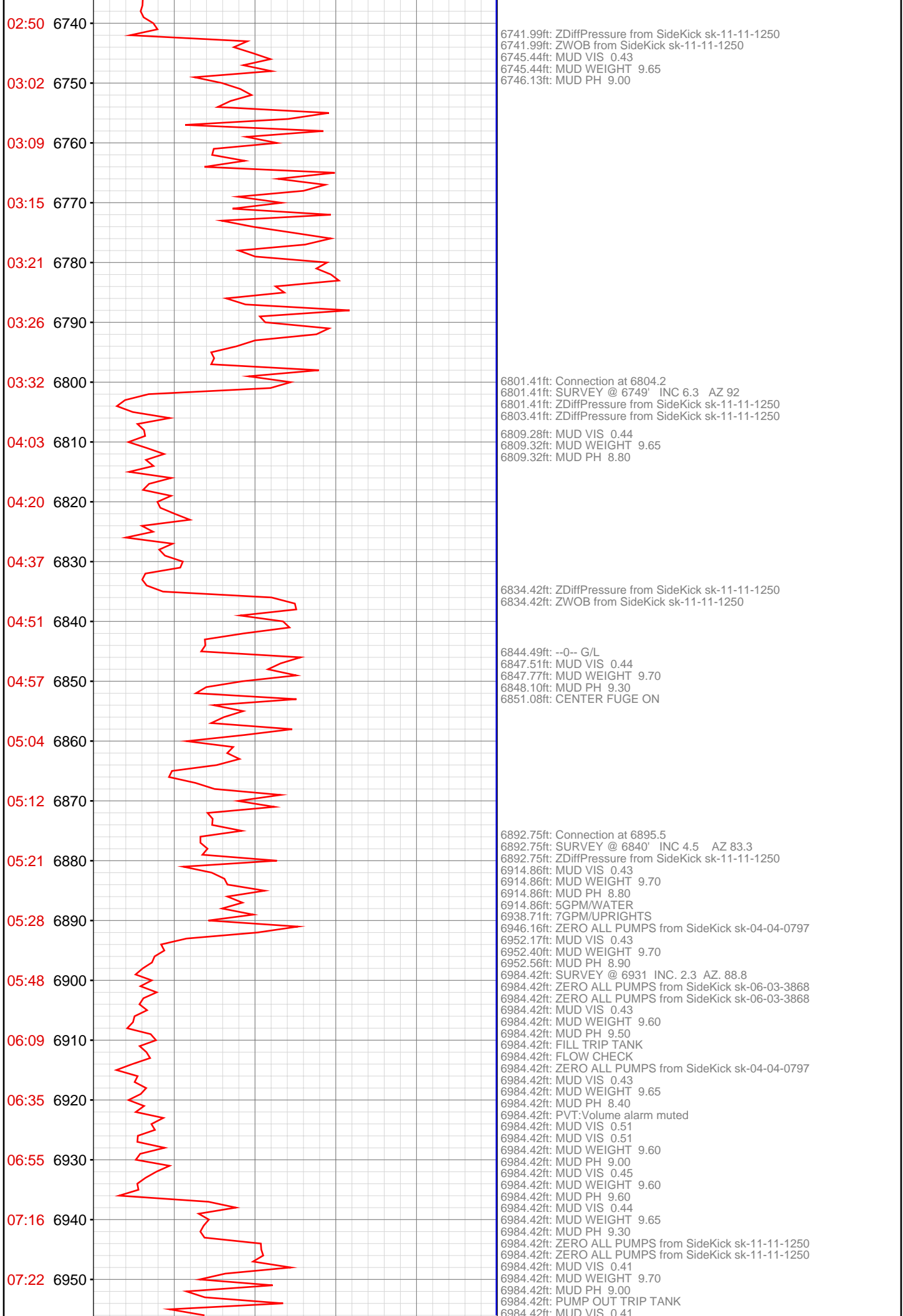
6004.99ft: ZERO ALL PUMPS from SideKick sk-04-04-0797

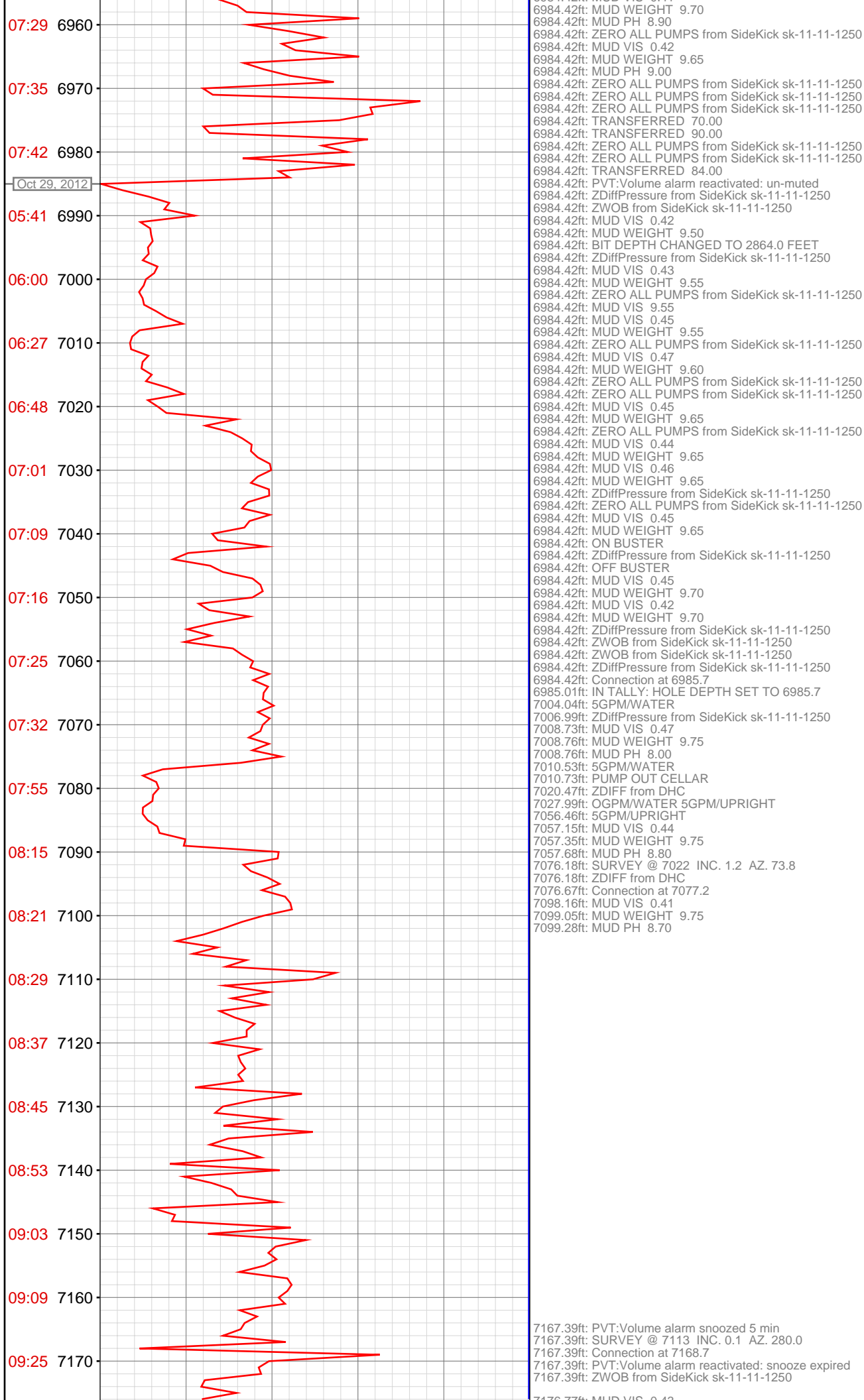
6068.18ft: SURVEY @ 6014 INC. 18.0 AZ. 93.6 Connection at 6070.0
6068.18ft: ZDiffPressure from SideKick sk-11-11-1250
6071.95ft: ZROD GAIN LOSS











7176.77ft: MUD VIS 0.43
7177.00ft: MUD WEIGHT 9.75
7177.20ft: MUD PH 8.70

7185.27ft: 5GPM/UPRIGHT

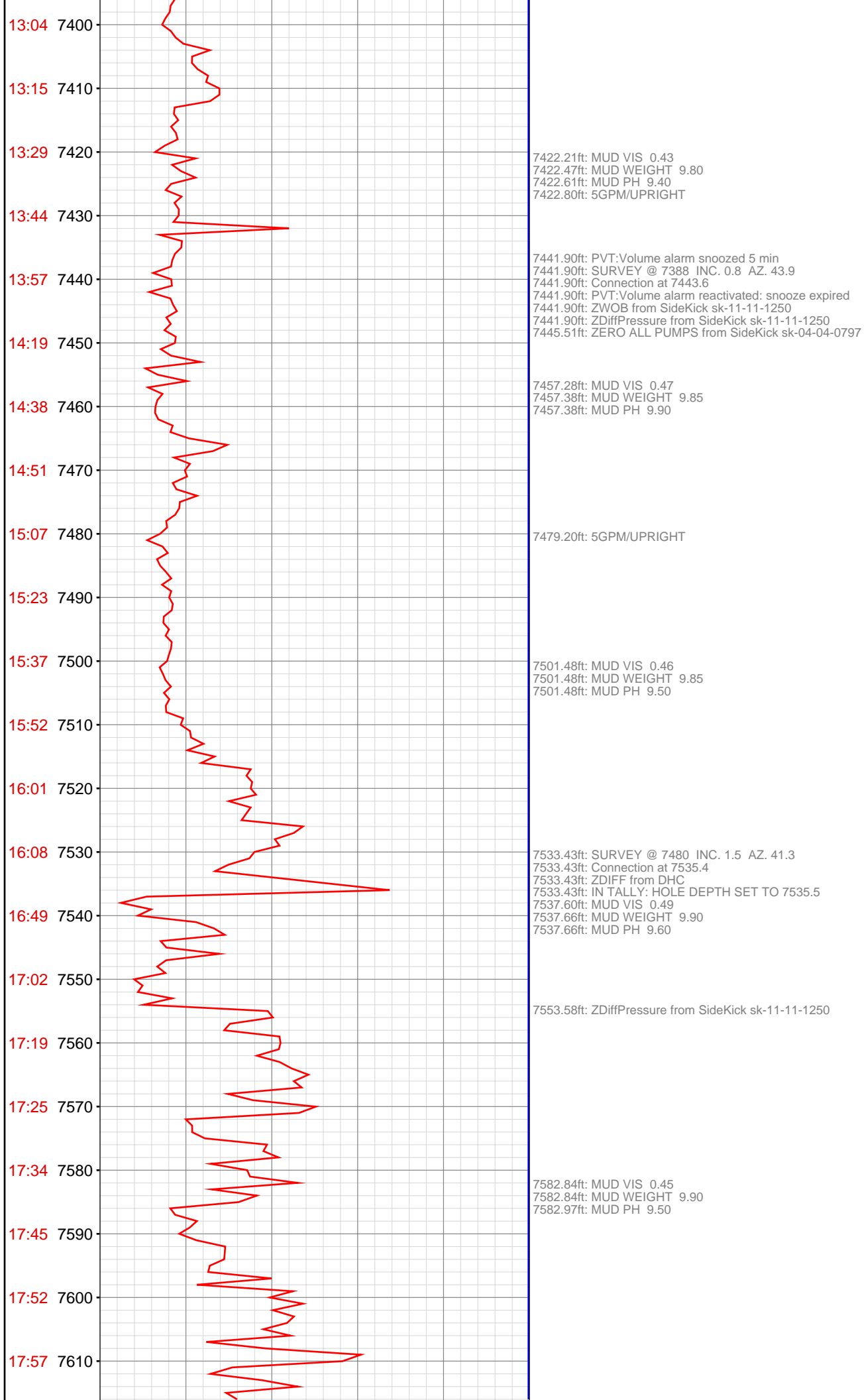
7230.05ft: MUD VIS 0.45
7230.28ft: MUD WEIGHT 9.80
7230.71ft: MUD PH 9.30

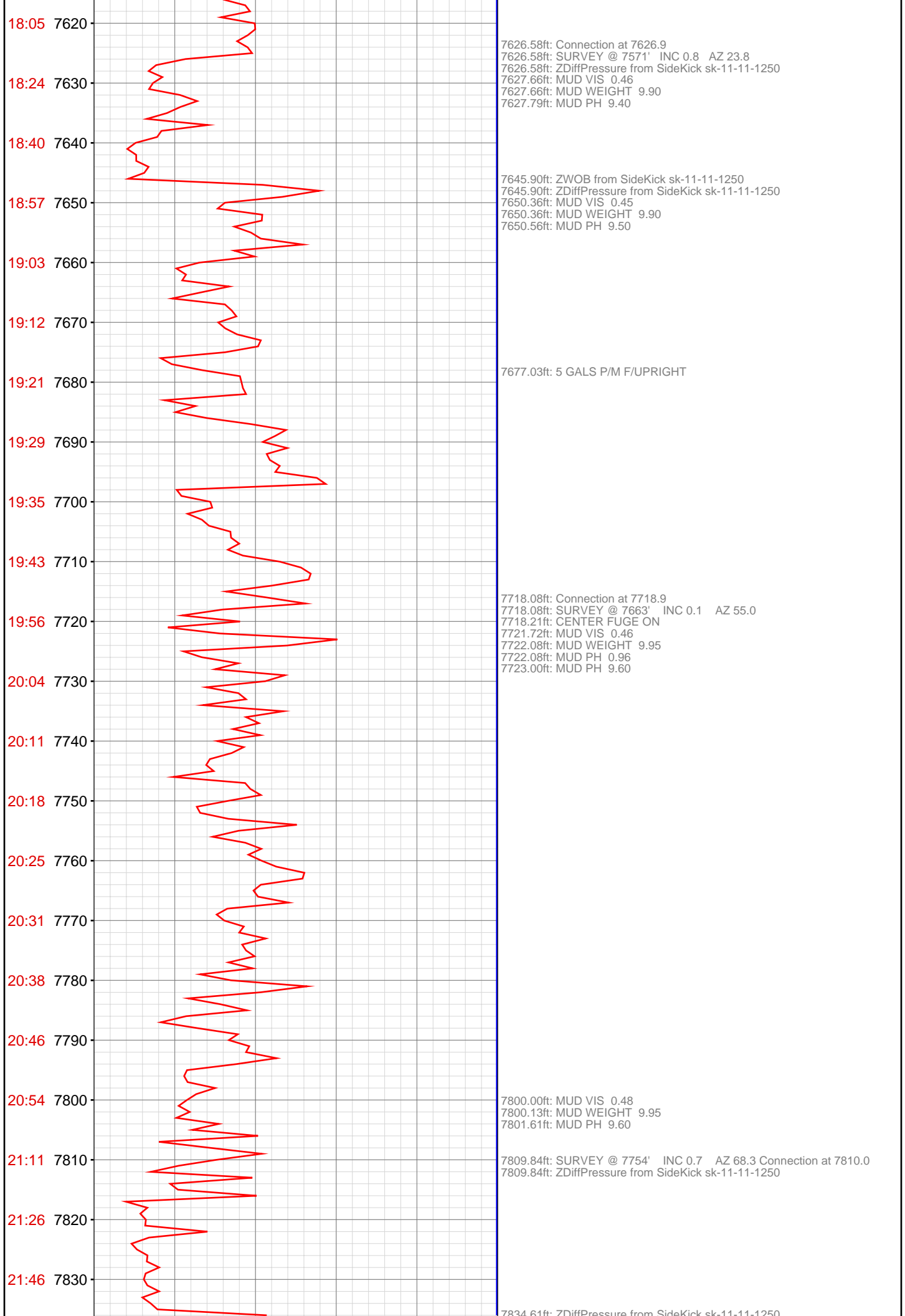
7258.86ft: PVT:Volume alarm snoozed 5 min
7258.86ft: SURVEY @ 7205 INC. 0.2 AZ. 16.0
7258.86ft: PVT:Volume alarm reactivated: snooze expired
7259.06ft: Connection at 7260.4
7263.62ft: ZERO ALL PUMPS from SideKick sk-04-04-0797

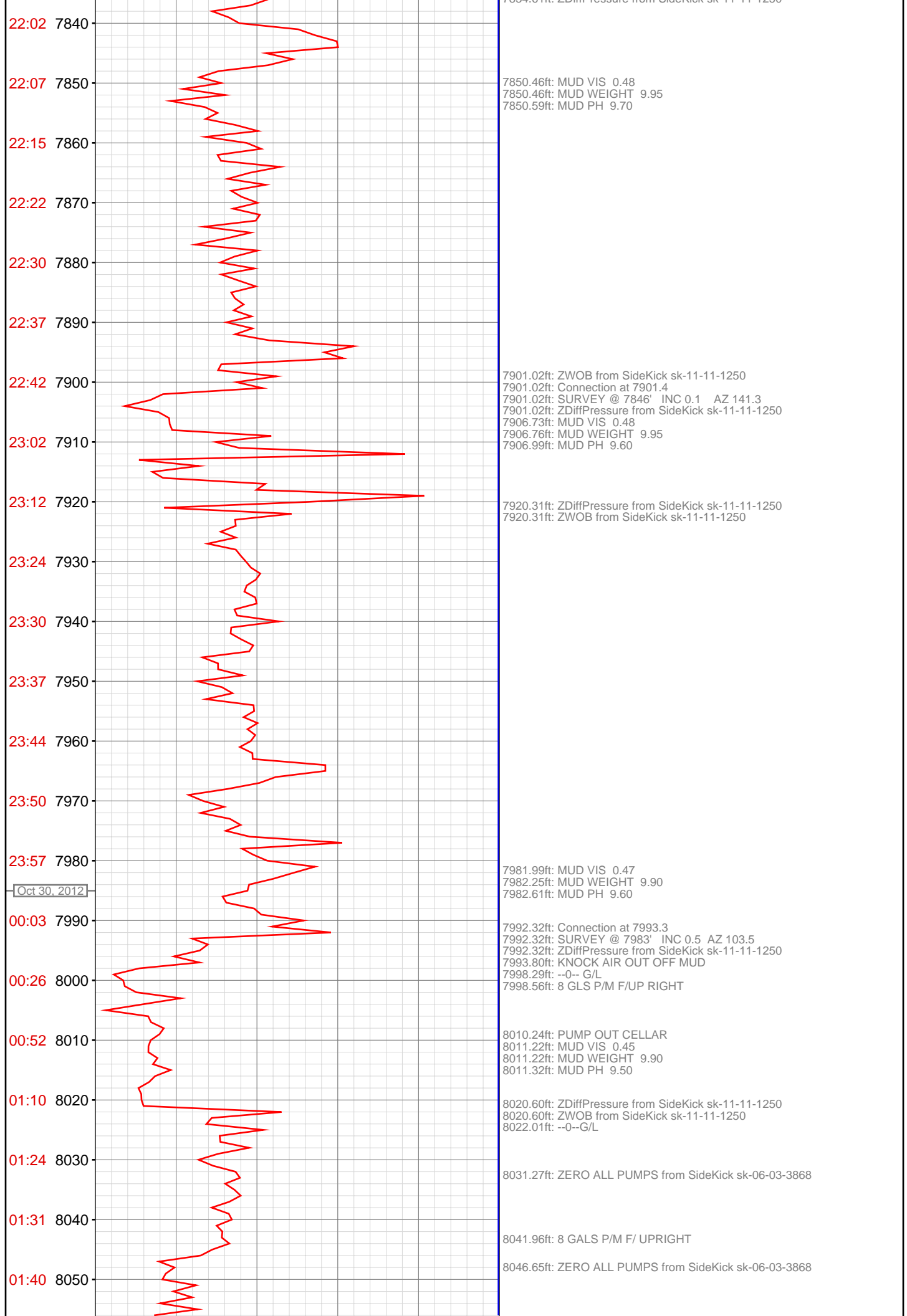
7299.05ft: MUD VIS 0.44
7299.18ft: MUD WEIGHT 9.80
7299.18ft: MUD PH 8.80

7350.39ft: SURVEY @ 7297 INC. 0.4 AZ. 35.4
7350.39ft: ZDiffPressure from SideKick sk-11-11-1250
7350.39ft: Connection at 7352.0

7369.82ft: TRANSFERRED 0.05
7369.82ft: MUD VIS 4.50
7369.82ft: MUD VIS 0.45
7369.82ft: ZDiffPressure from SideKick sk-11-11-1250
7369.82ft: MUD WEIGHT 9.80
7369.82ft: MUD PH 9.30







8056.14ft: ZDiffPressure from SideKick sk-11-11-1250

8075.03ft: MUD VIS 0.47
8075.03ft: MUD WEIGHT 9.90
8075.20ft: MUD PH 9.60

8083.79ft: ZWOB from SideKick sk-11-11-1250
8083.79ft: Connection at 8084.6
8083.79ft: SURVEY @ 8029' INC 1.1 AZ 237.33

8148.00ft: MUD VIS 0.47
8148.26ft: MUD WEIGHT 9.90
8148.49ft: MUD PH 9.40

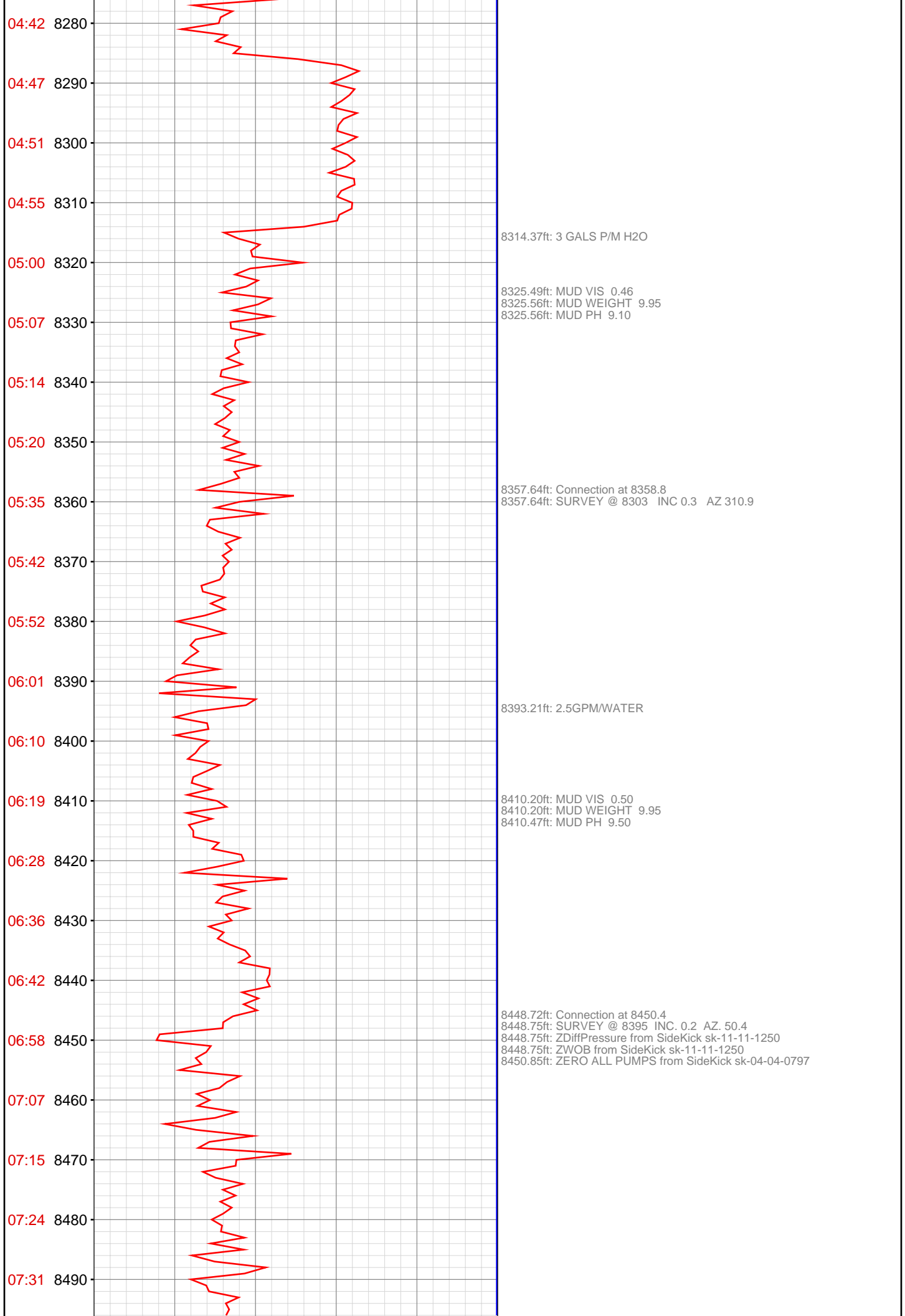
8160.96ft: 8 GAL P/M H2O --FRAC ARE EMPTY

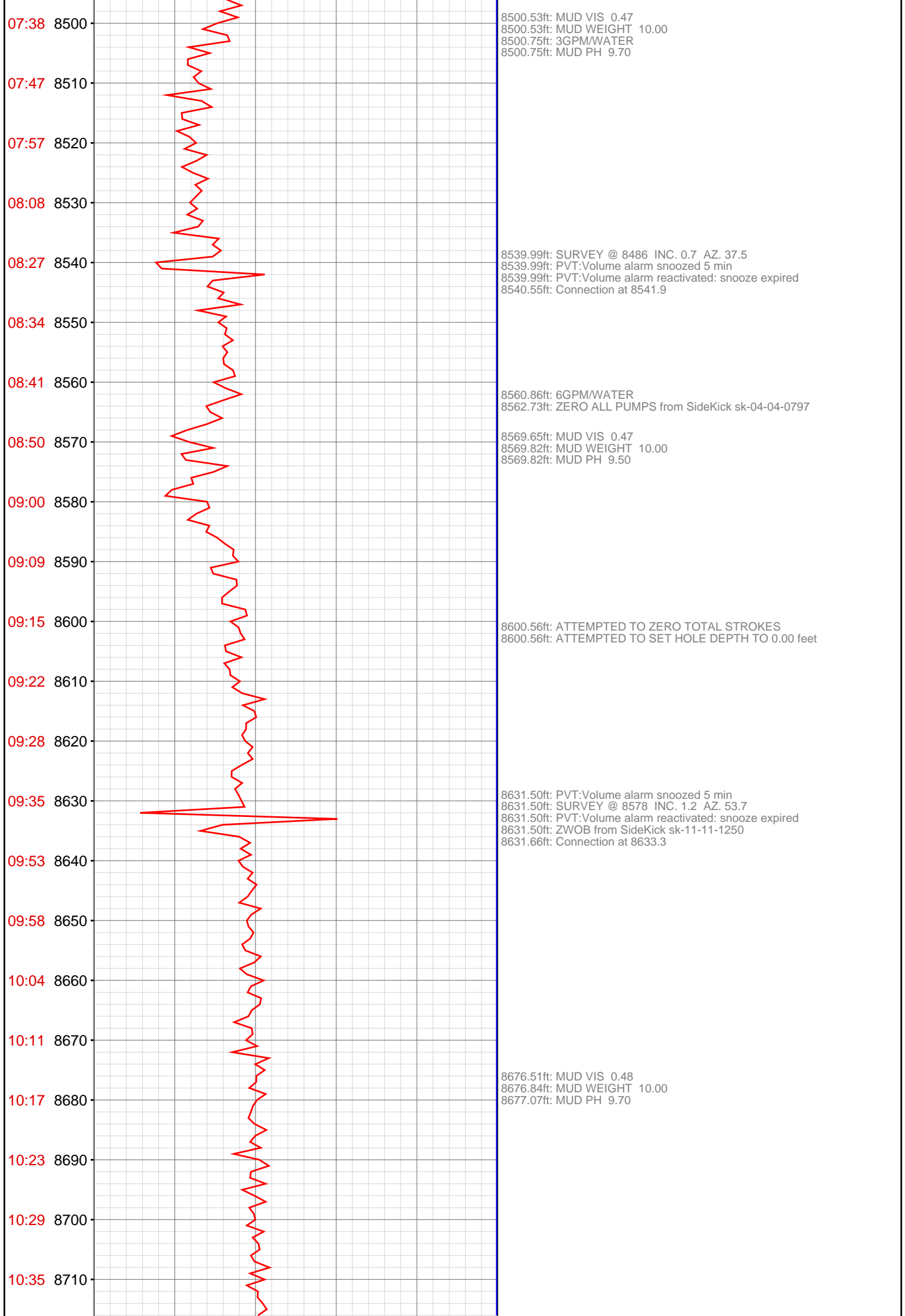
8175.26ft: ZWOB from SideKick sk-11-11-1250
8175.26ft: Connection at 8176.0
8175.26ft: SURVEY @ 8121' INC 1.1 AZ 239.4

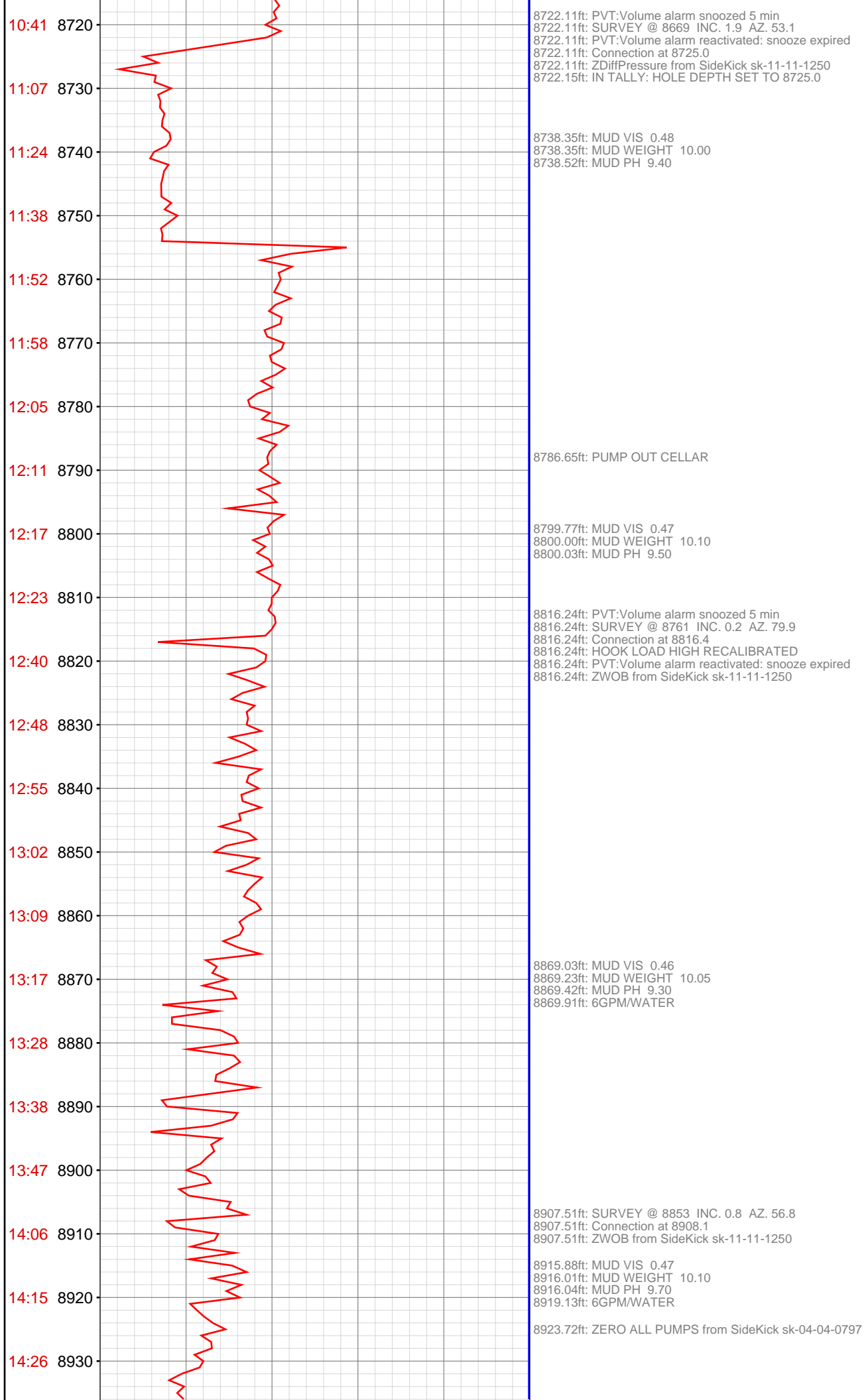
8226.71ft: 5 GAL P/M H2O

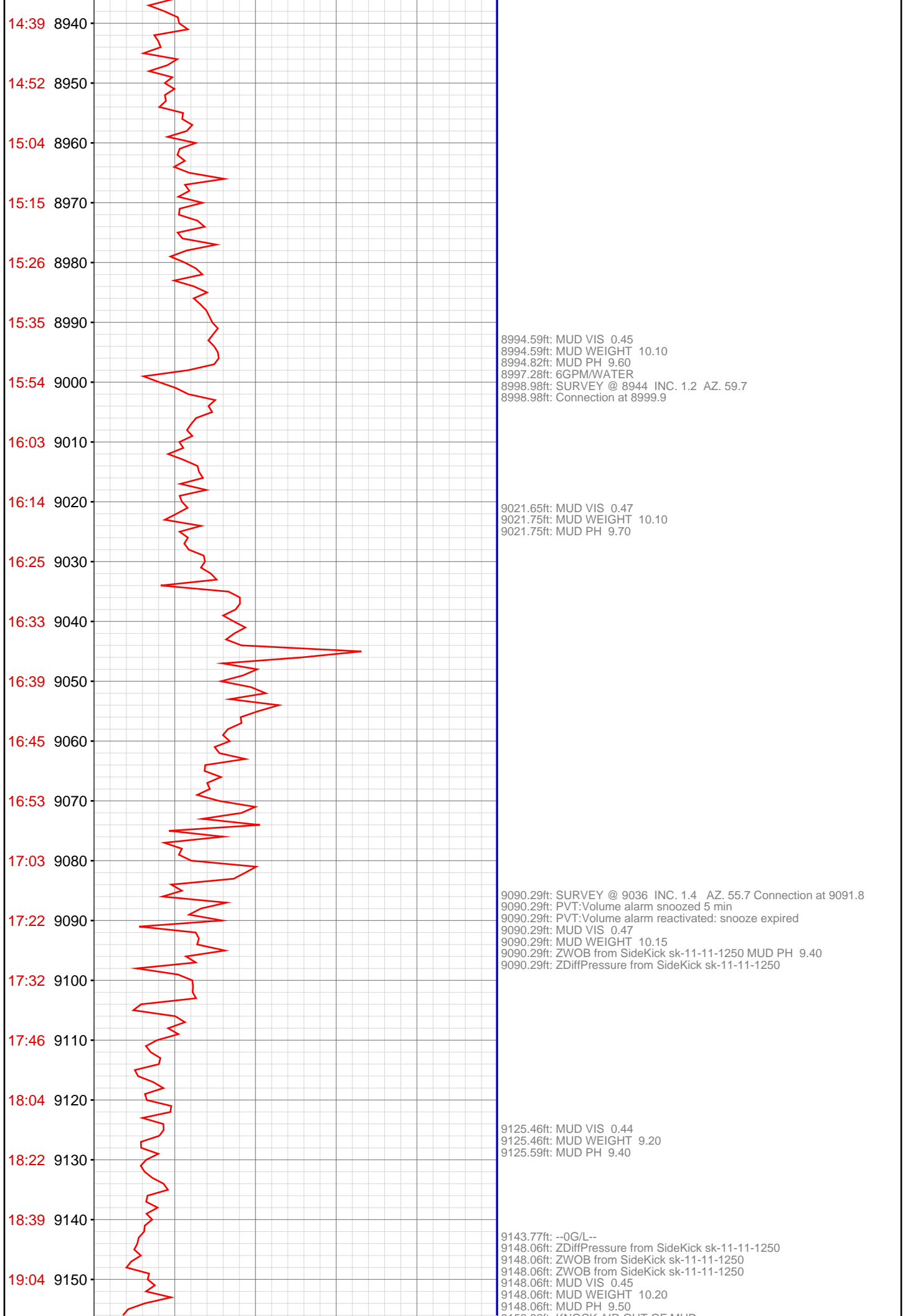
8234.65ft: MUD VIS 0.48
8235.01ft: MUD WEIGHT 9.90
8235.24ft: MUD PH 9.40

8266.50ft: ZWOB from SideKick sk-11-11-1250
8266.50ft: SURVEY @ 8212' INC 0.8 AZ 252.4
8266.50ft: Connection at 8267.3
8266.50ft: ZDiffPressure from SideKick sk-11-11-1250









9152.92ft: KNOCK AIR OUT OF MUD

9160.37ft: -0- G/L

9170.24ft: MUD VIS 0.45
9170.24ft: MUD WEIGHT 9.20
9170.28ft: MUD PH 9.40

9181.73ft: ZWOB from SideKick sk-11-11-1250
9181.73ft: SURVEY @ 9128' INC 1.9 AZ 62.2
9181.73ft: Connection at 9183.0

9205.38ft: MUD VIS 0.44
9205.58ft: MUD WEIGHT 9.10
9205.58ft: MUD PH 9.40
9206.27ft: CENTERFUGE-OFF
9207.38ft: CORECTION MW 10.1

9267.75ft: MUD VIS 0.44
9267.88ft: MUD WEIGHT 10.15
9268.04ft: MUD PH 9.60
9273.33ft: ZWOB from SideKick sk-11-11-1250
9273.33ft: Connection at 9274.8
9273.33ft: SURVEY @ 9219' INC 3.3 AZ 64.4
9273.33ft: ZDiffPressure from SideKick sk-11-11-1250

9283.46ft: ZERO ALL PUMPS from SideKick sk-06-03-3868

9318.60ft: MUD VIS 0.44
9318.87ft: MUD WEIGHT 10.15
9320.28ft: MUD PH 9.40

9332.09ft: -0- G/L
9338.42ft: ZERO ALL PUMPS from SideKick sk-11-11-1250
9350.98ft: MUD VIS 0.44
9351.05ft: MUD VIS 10.10
9351.15ft: MUD PH 9.30
9359.45ft: 5 GALS P/M H2O
9364.96ft: S-P-R
9364.96ft: Connection at 9366.6
9364.96ft: SURVEY @ 9311' INC 5.6 AZ 65.1
9364.96ft: ZDiffPressure from SideKick sk-11-11-1250
9380.71ft: ZERO ALL PUMPS from SideKick sk-06-03-3868
9386.65ft: MUD VIS 0.45
9386.84ft: MUD WEIGHT 10.10
9386.84ft: MUD PH 9.50
9455.97ft: IN TALLY: HOLE DEPTH SET TO 9457.3
9457.32ft: ZWOB from SideKick sk-11-11-1250
9457.32ft: Connection at 9457.3
9457.32ft: SURVEY @ 9402' INC 6.4 AZ 63.9
9457.32ft: ZDiffPressure from SideKick sk-11-11-1250
9473.06ft: MUD VIS 0.45
9473.20ft: MUD WEIGHT 10.10
9473.29ft: MUD PH 9.60

19:27 9160

19:52 9170

20:13 9180

20:37 9190

20:49 9200

20:59 9210

21:07 9220

21:19 9230

21:29 9240

21:39 9250

21:48 9260

21:58 9270

22:19 9280

22:30 9290

22:41 9300

22:51 9310

23:05 9320

23:21 9330

23:38 9340

23:55 9350

Oct 31, 2012

00:10 9360

00:36 9370

