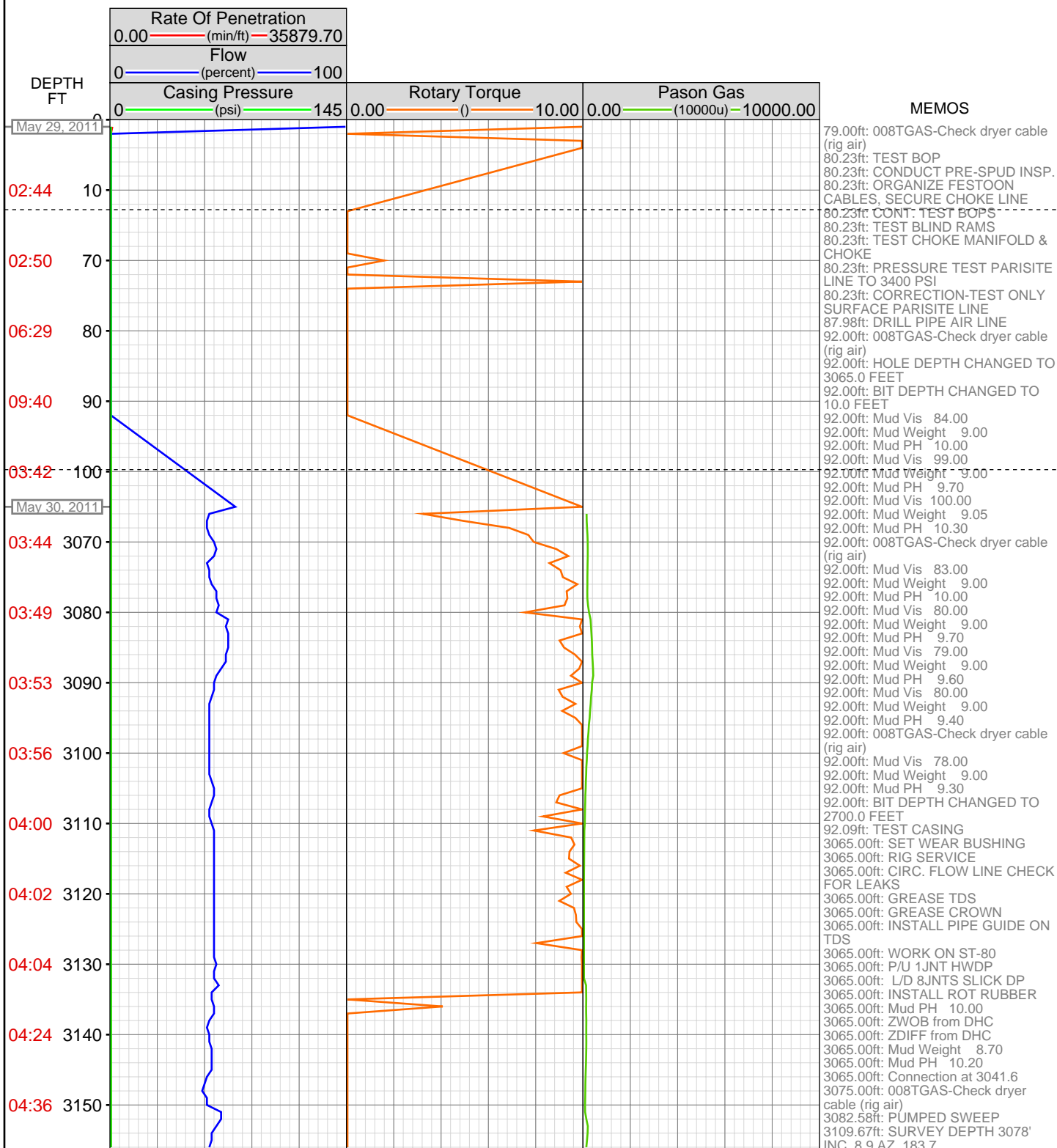


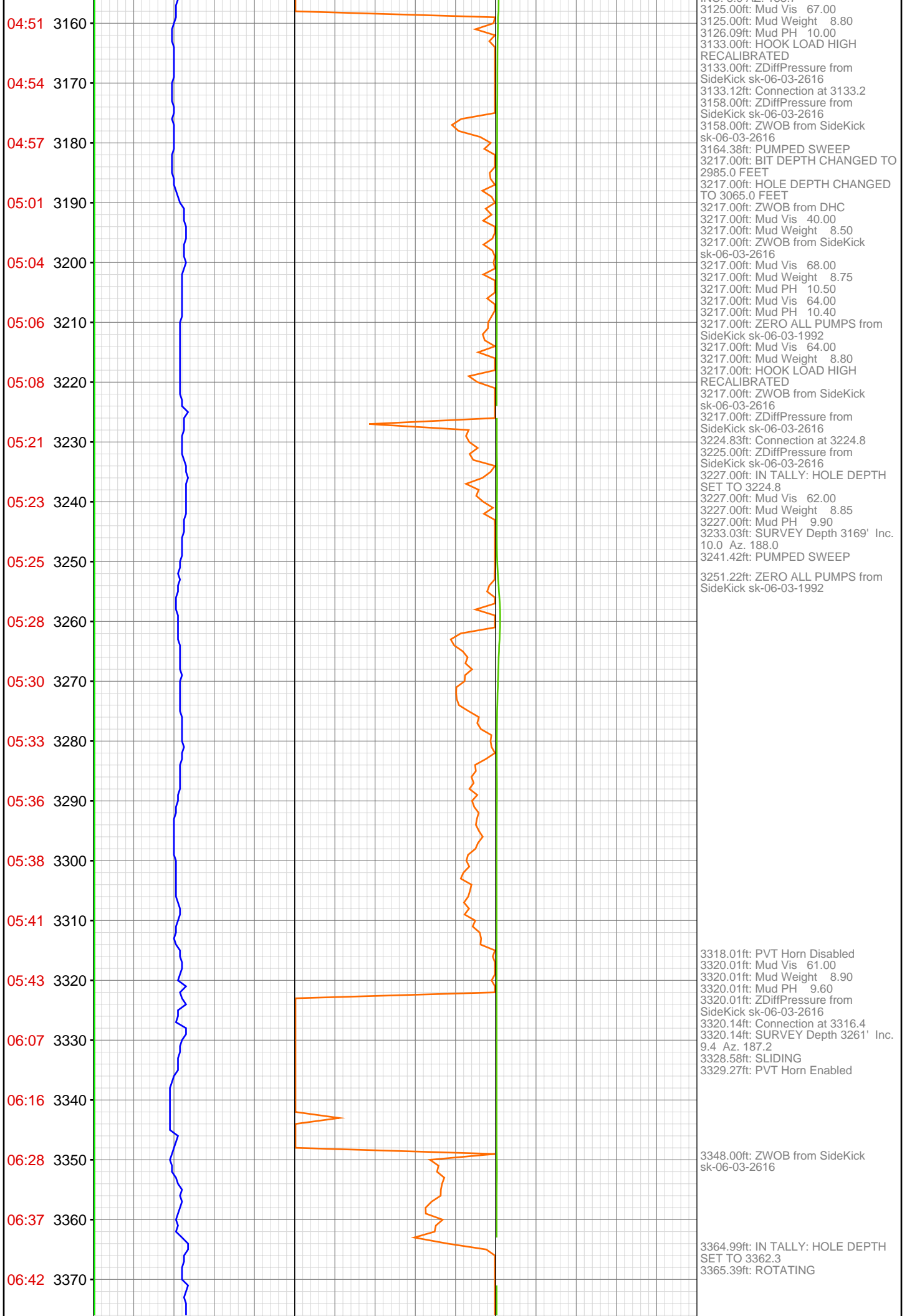
DataHub EDR Log

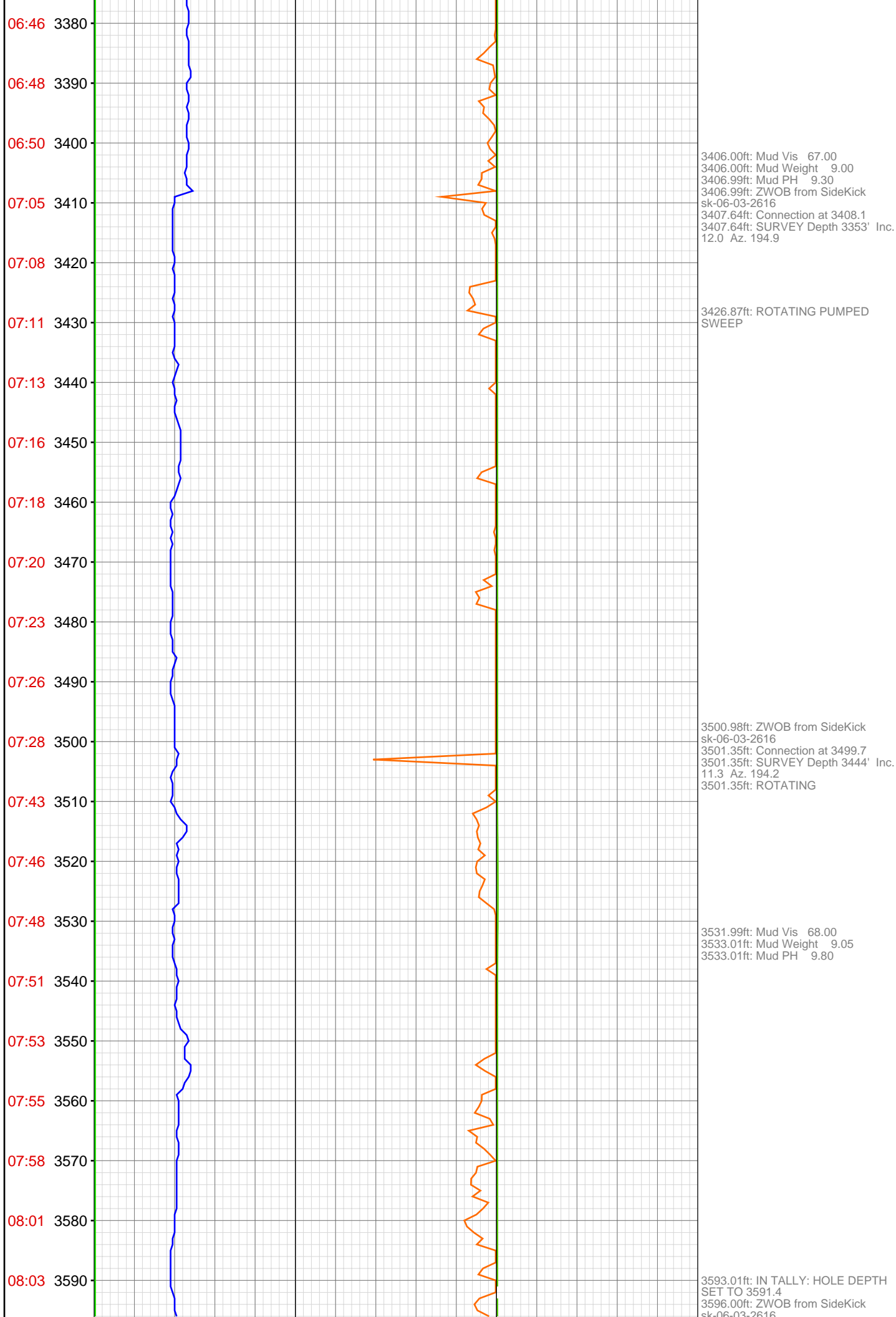
Thu Jun 09, 2011 07:43:57
Well Dossier 1306629584
Marilyn Tucker

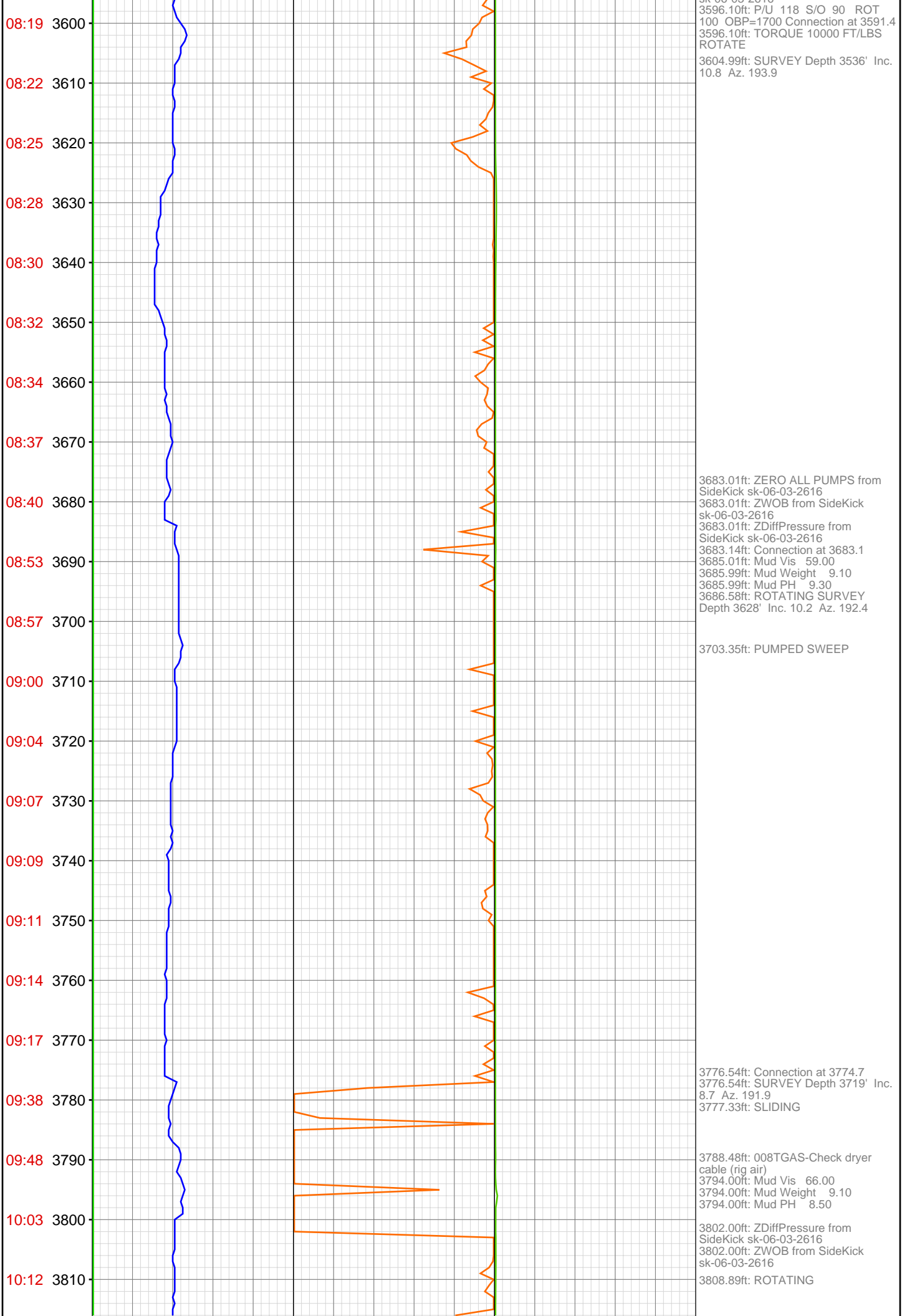
OPERATOR: EnCana Oil & Gas (USA), Inc.
WELL: SGU 8507C-36 B36 496
FIELD:
LOCATION: SEC. 36 T4S RNG 96W
COUNTRY: USA
RIG: Pat-UTI 308

CONTRACTOR: Patterson-UTI Drilling Company
UNIQUE WELL ID: 050451982100
SPUD DATE: May 29, 2011 22:30
RELEASE DATE: Jun 07, 2011 12:30

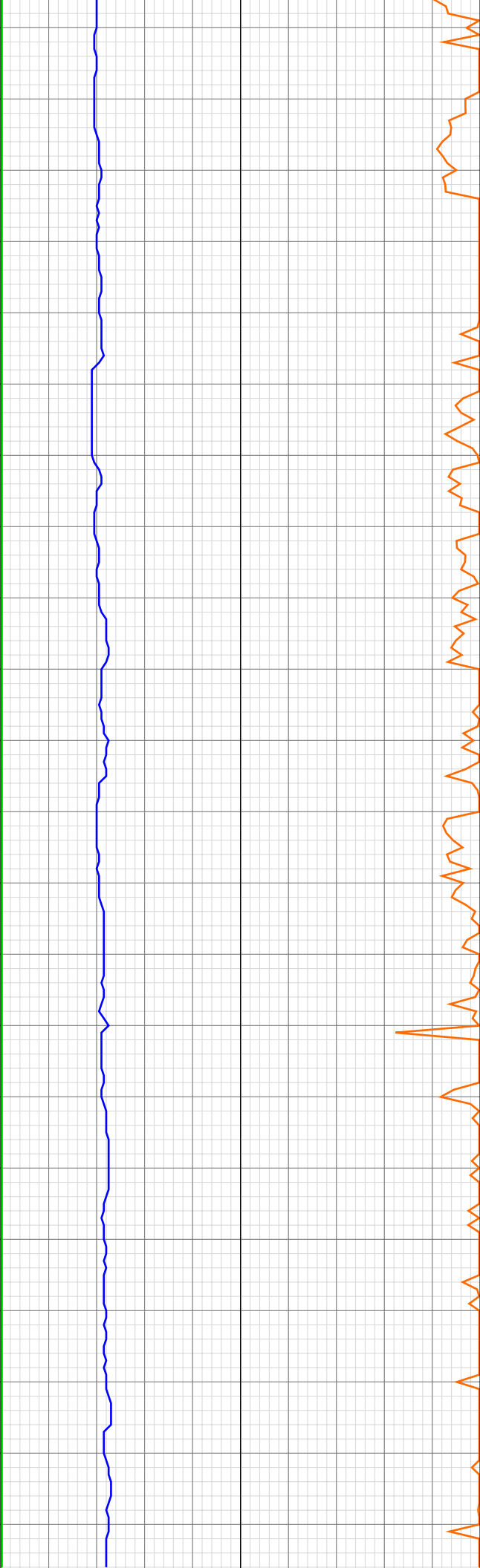








10:15 3820
10:18 3830
10:21 3840
10:23 3850
10:25 3860
10:38 3870
10:40 3880
10:44 3890
10:46 3900
10:49 3910
10:51 3920
10:54 3930
10:58 3940
11:01 3950
11:14 3960
11:16 3970
11:19 3980
11:21 3990
11:23 4000
11:27 4010
11:29 4020
11:35 4030



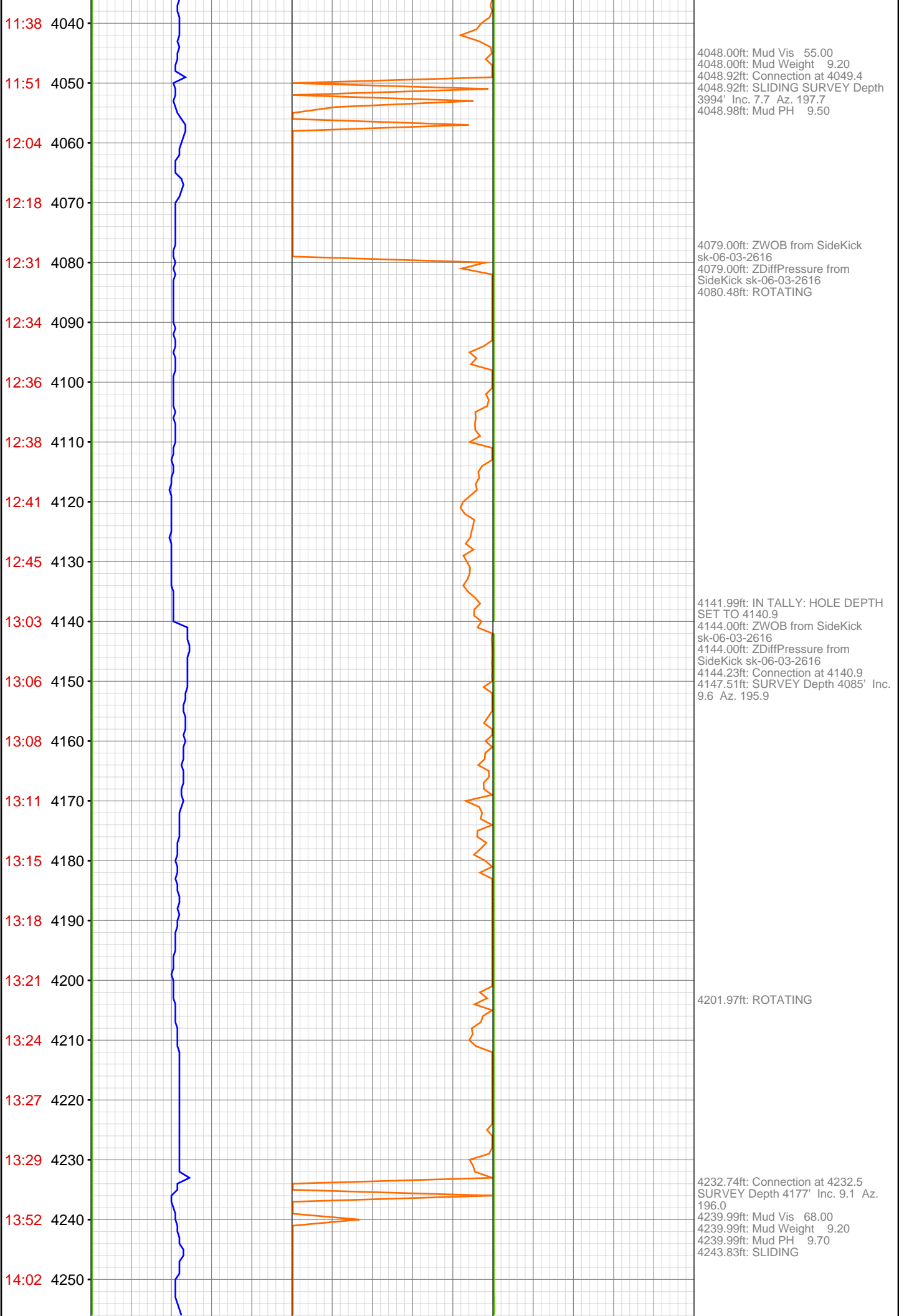
3824.02ft: IN TALLY: HOLE DEPTH
SET TO 3820.5

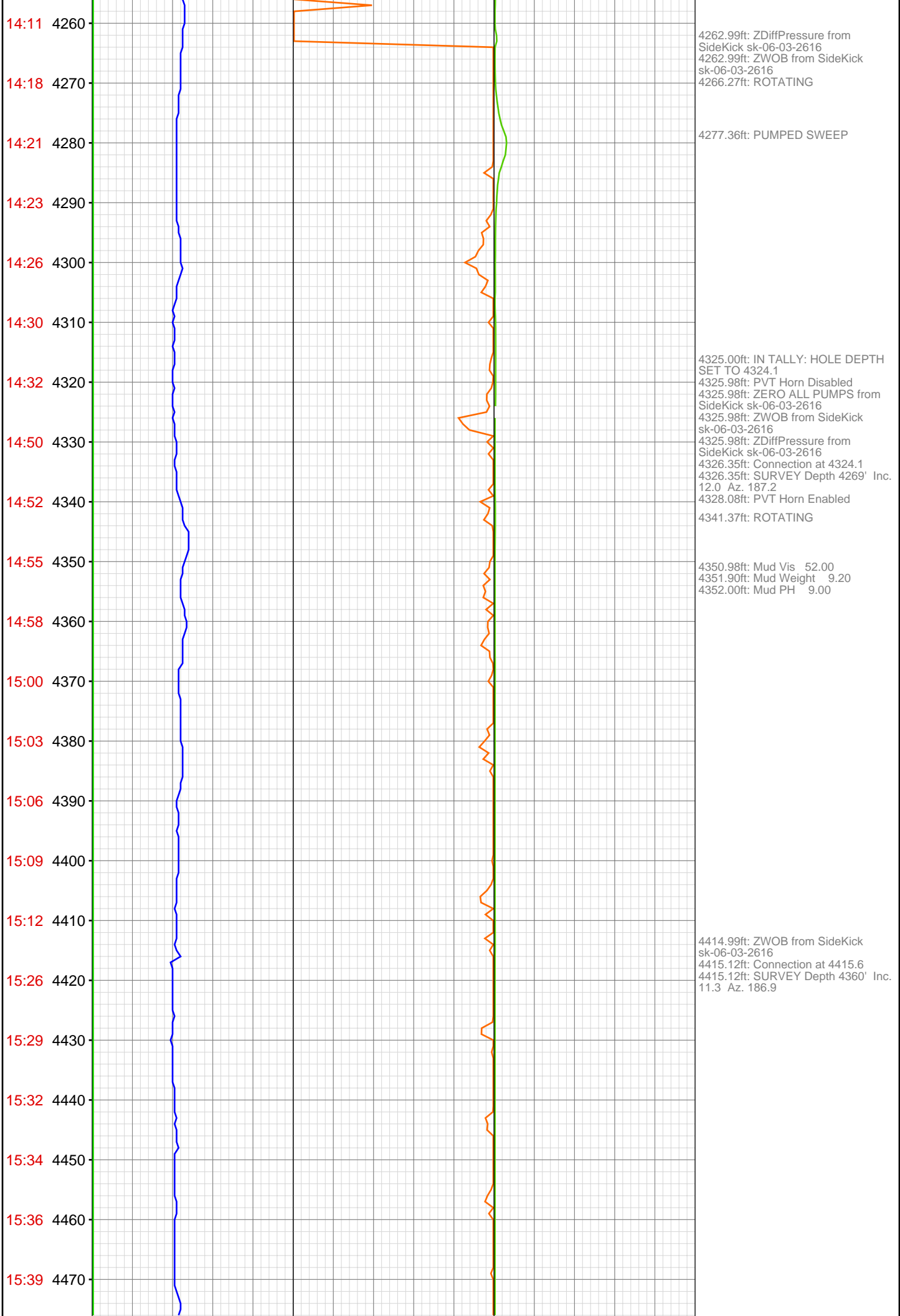
3864.99ft: PVT Horn Disabled
3864.99ft: ZWOB from SideKick
sk-06-03-2616
3864.99ft: ZDiffPressure from
SideKick sk-06-03-2616
3865.65ft: Connection at 3866.3
3865.65ft: SURVEY Depth 3811' Inc.
10.1 Az. 196.7
3869.00ft: PVT Horn Enabled

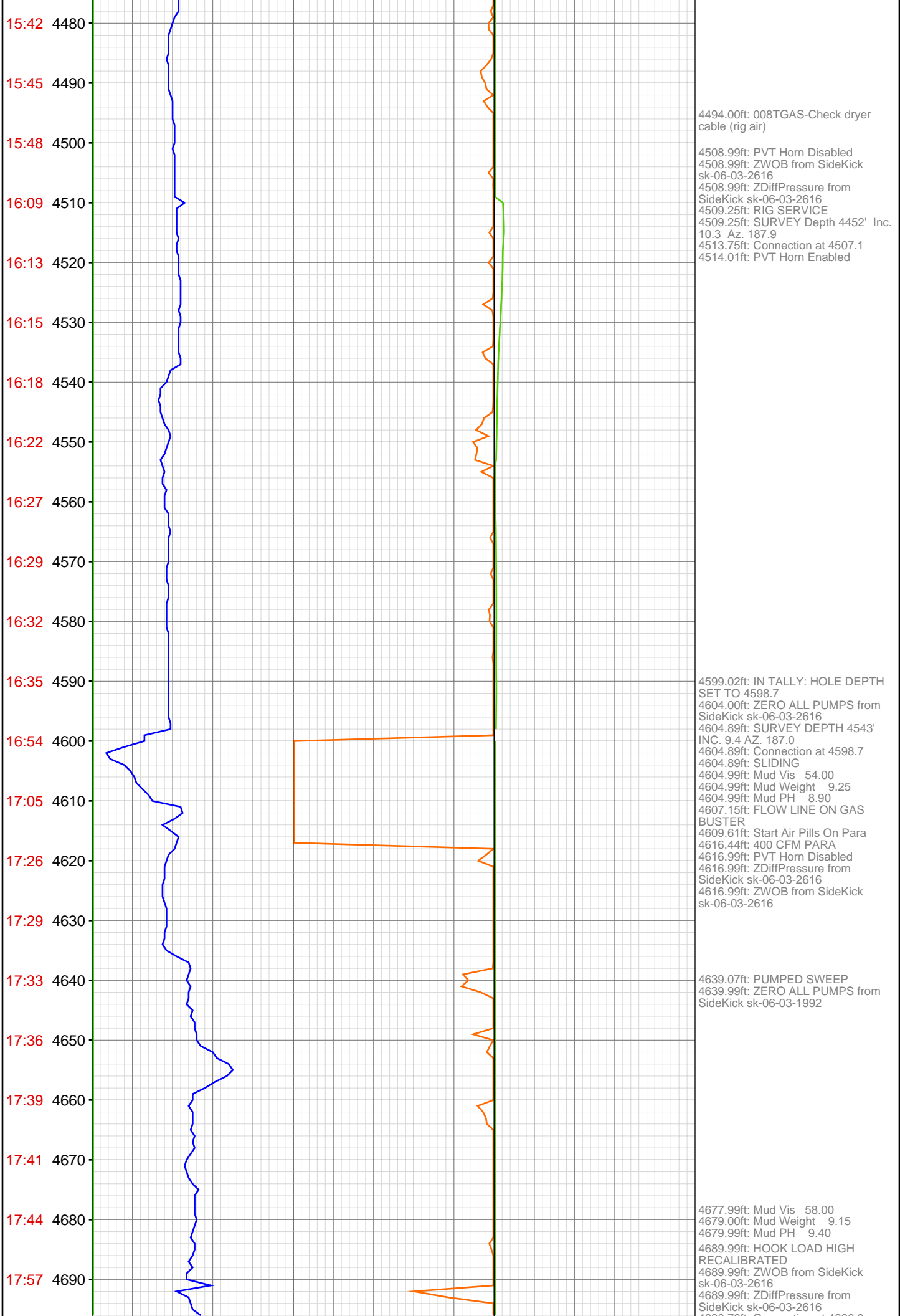
3939.01ft: Mud Vis 67.00
3939.01ft: Mud Weight 9.10
3939.01ft: Mud PH 10.00

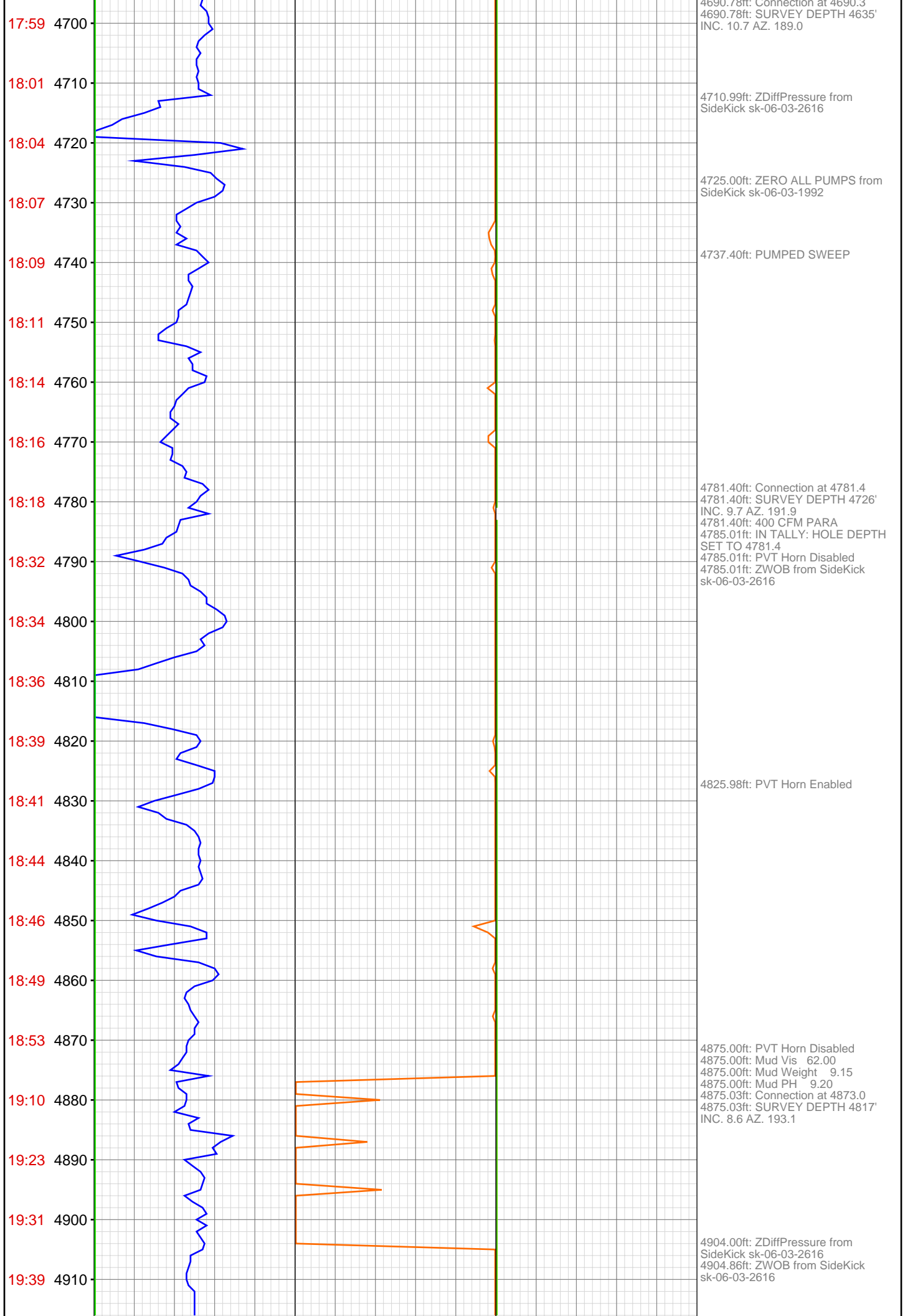
3958.99ft: ZWOB from SideKick
sk-06-03-2616
3959.28ft: Connection at 3957.9
3959.28ft: ROTATING
3959.28ft: SURVEY Depth 3902' Inc.
9.4 Az. 197.6

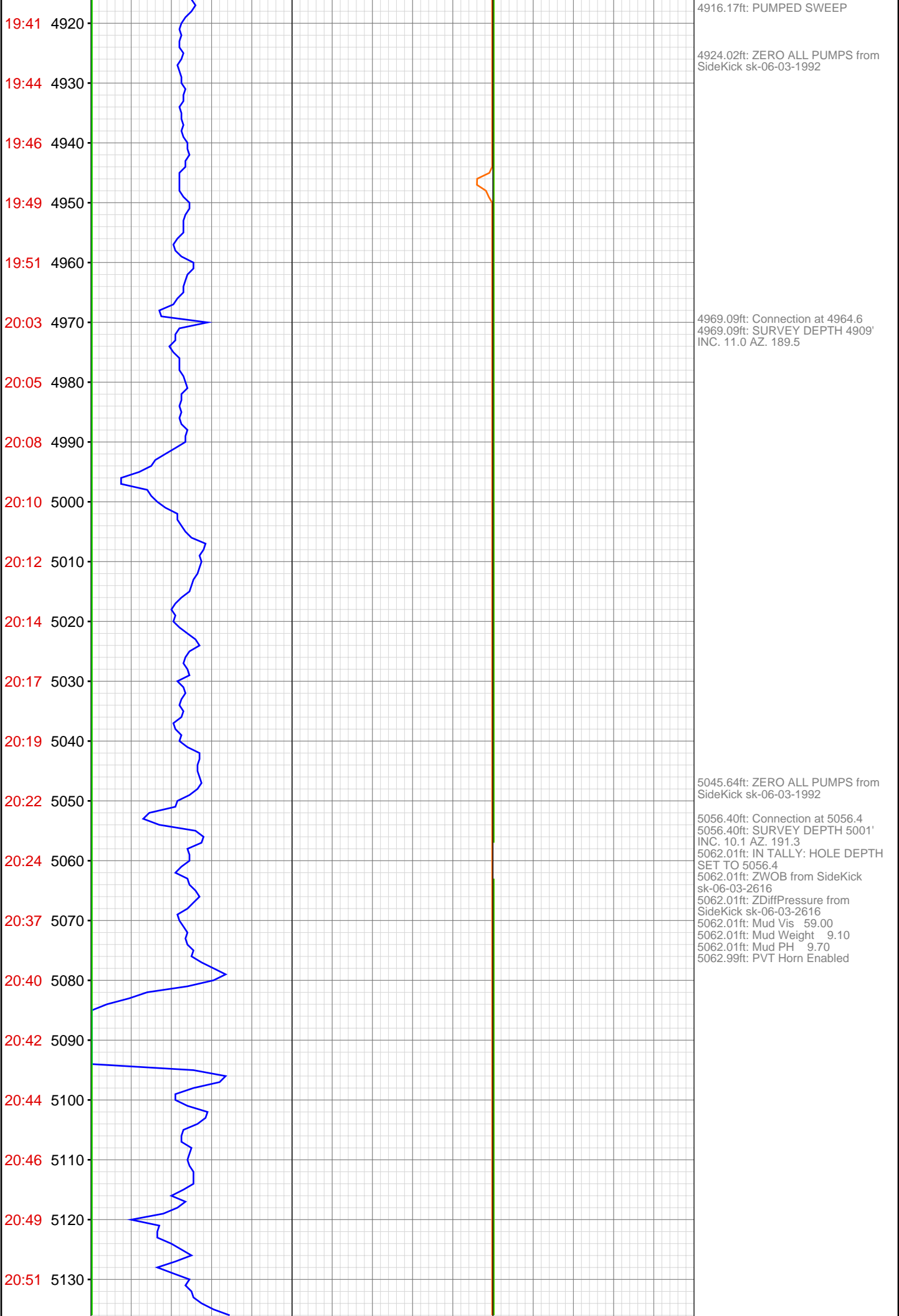
4006.99ft: IN TALLY: HOLE DEPTH
SET TO 4003.7

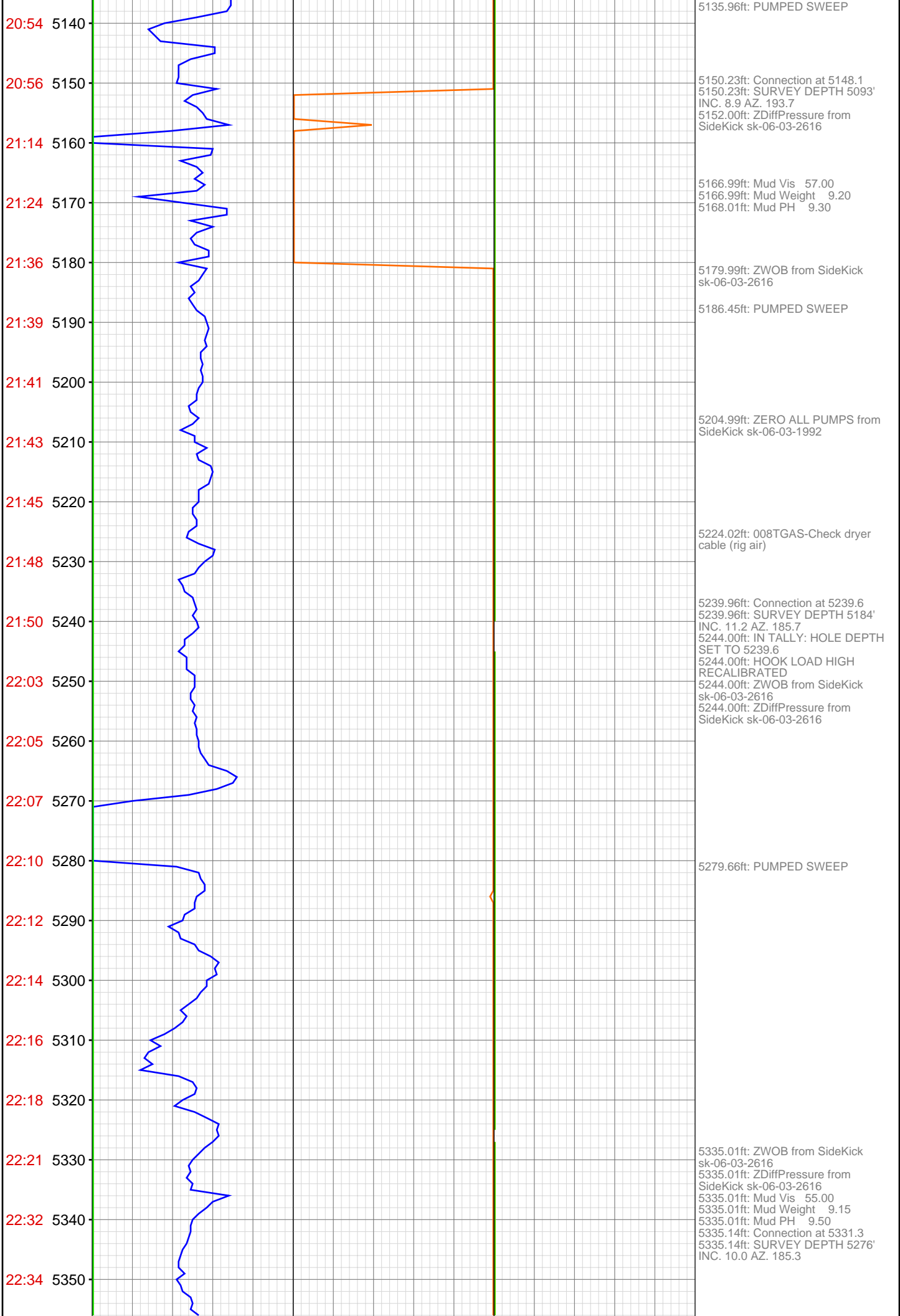


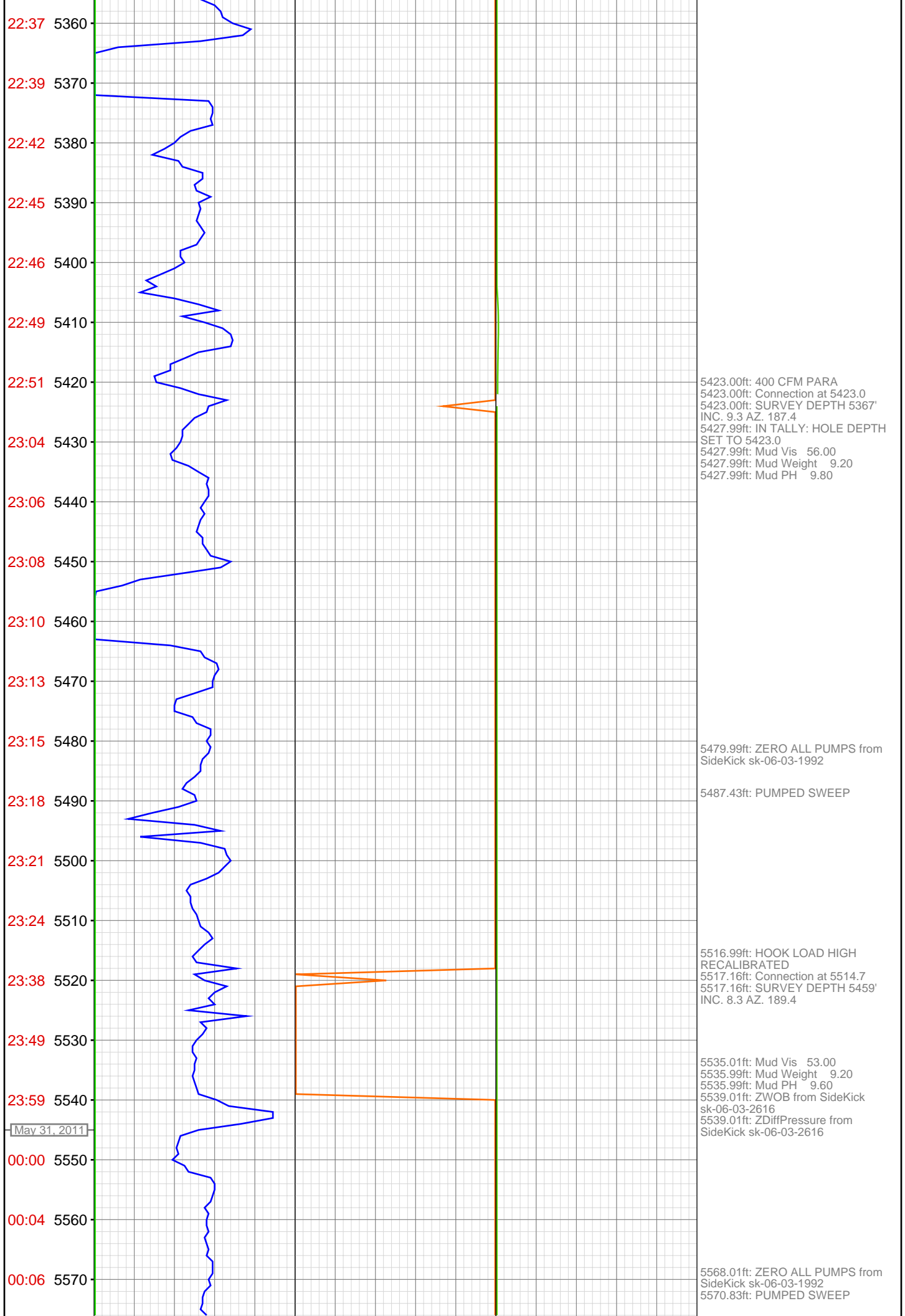


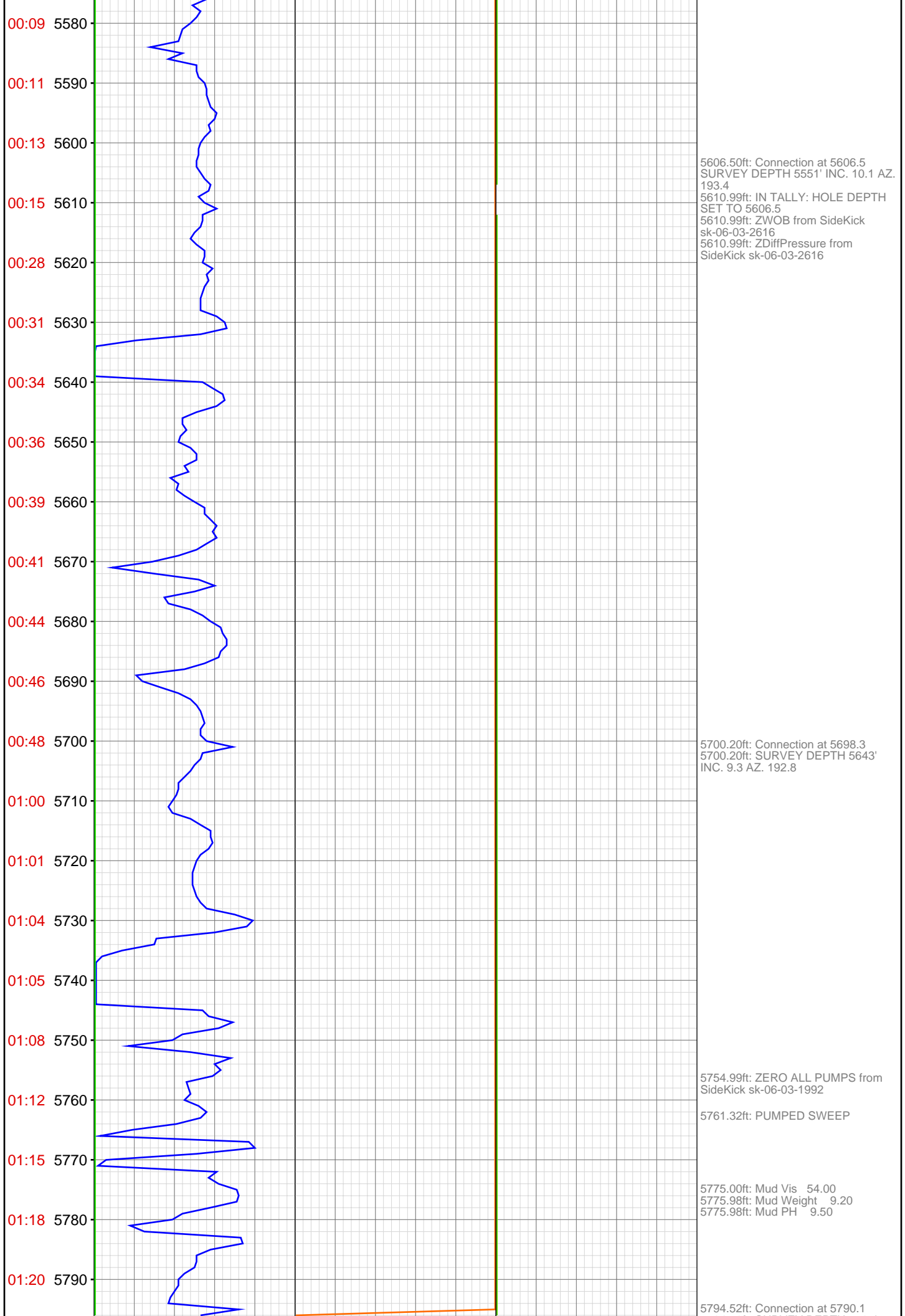


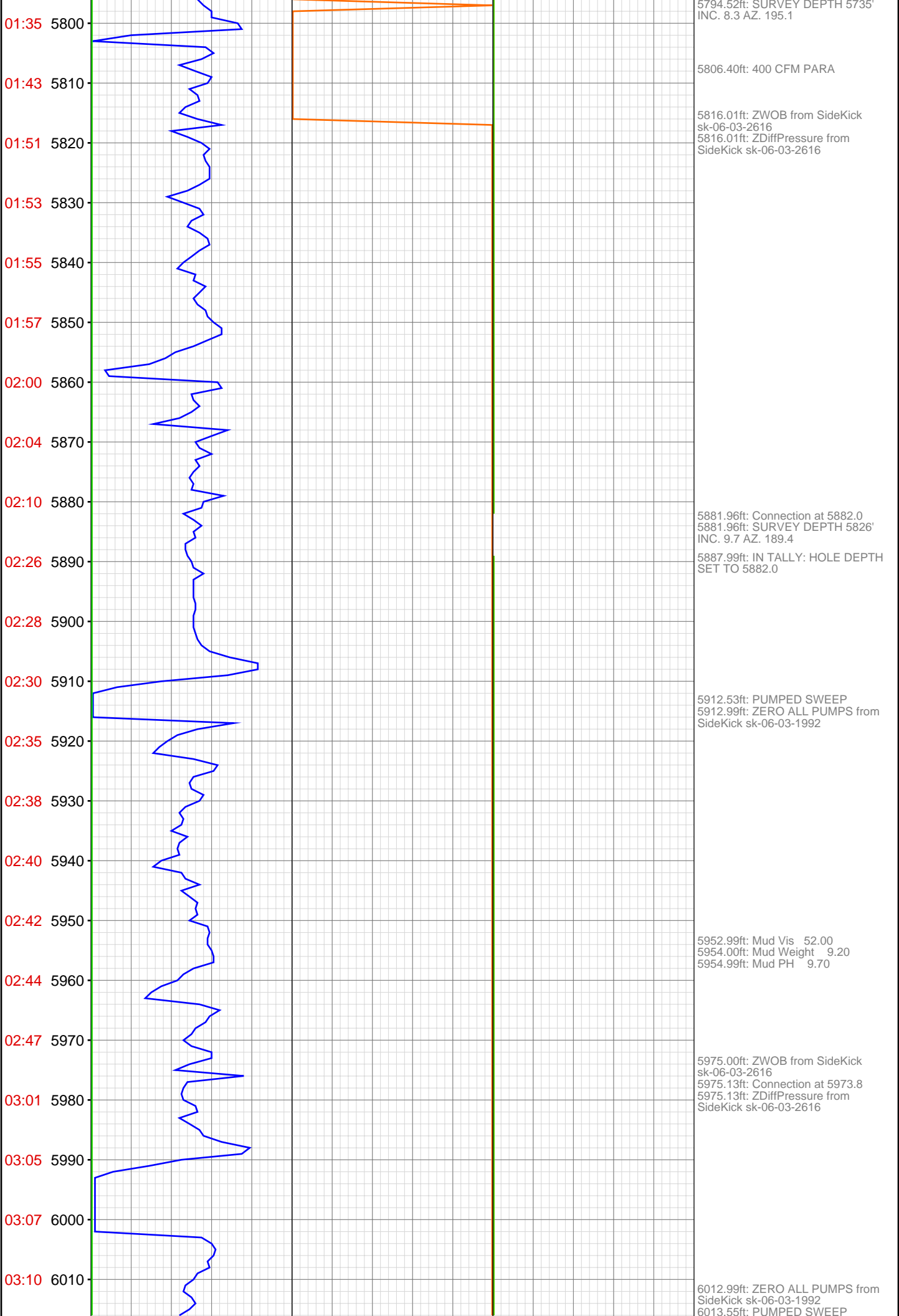


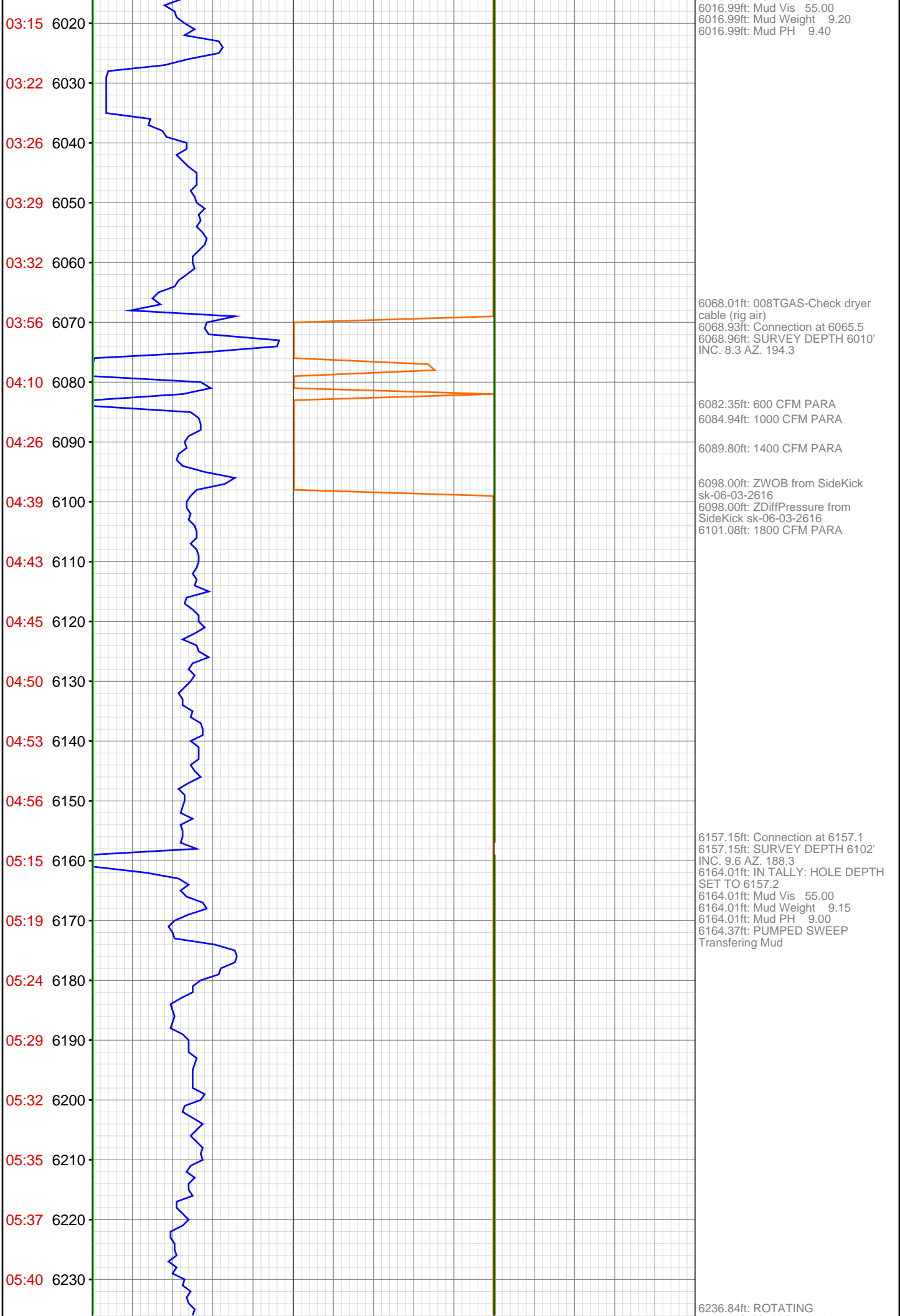


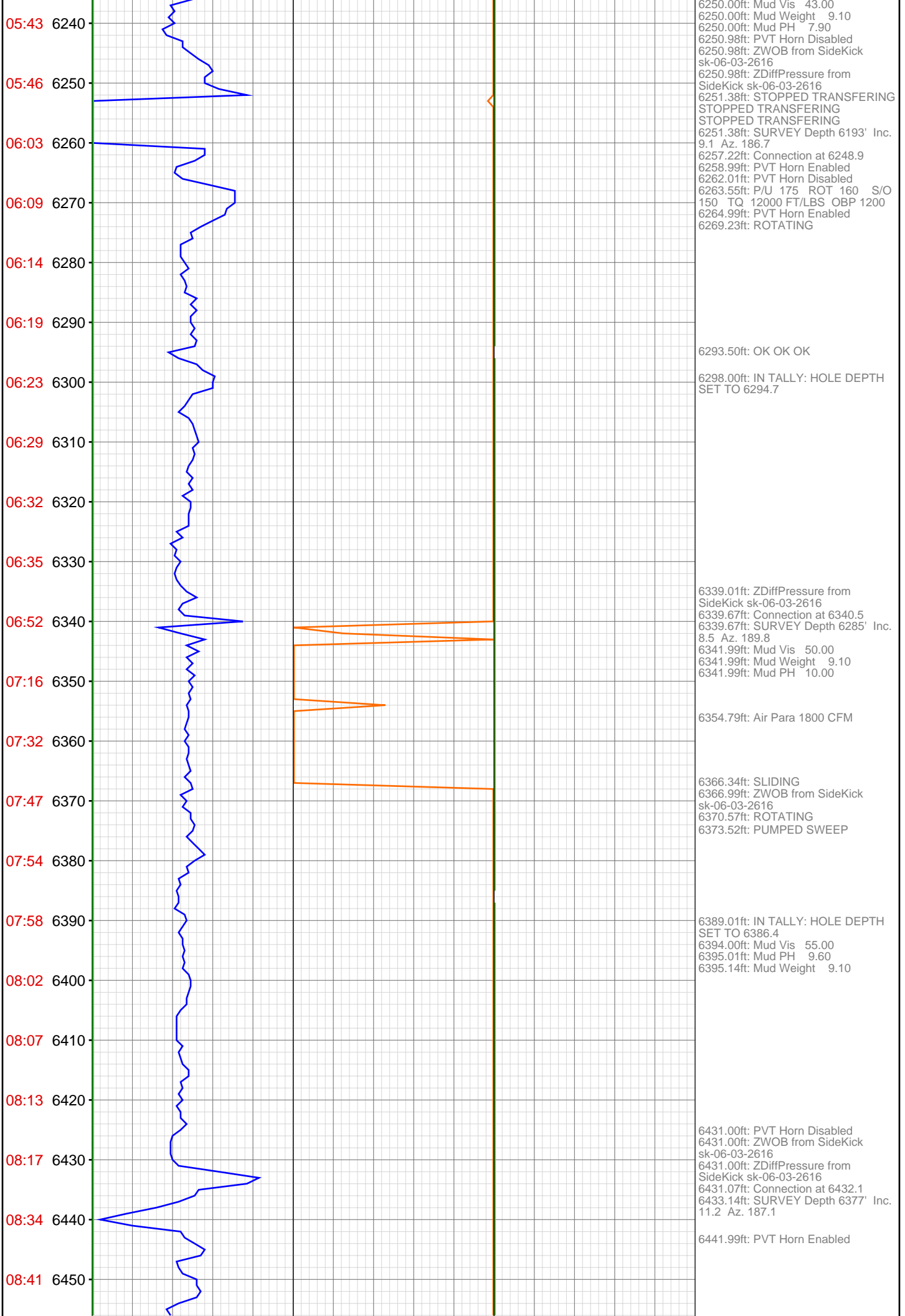












08:48 6460
08:52 6470
08:57 6480
09:01 6490
09:05 6500
09:08 6510
09:16 6520
10:22 6530
10:32 6540
10:36 6550
10:41 6560
10:48 6570
10:54 6580
10:57 6590
11:03 6600
11:10 6610
11:36 6620
11:52 6630
12:06 6640
12:13 6650
12:16 6660
12:20 6670



6475.00ft: Mud Vis 50.00
6475.00ft: Mud PH 9.10
6475.72ft: Mud Weight 9.10

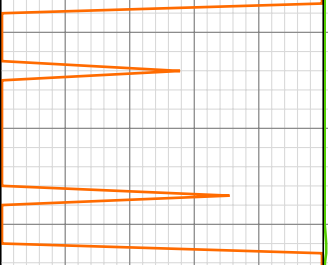
6523.00ft: PVT Horn Disabled
6523.88ft: Connection at 6523.9
6524.02ft: 008TGAS-Check dryer
cable (rig air)
6524.02ft: Mud Vis 64.00
6524.02ft: Mud Weight 9.10
6524.02ft: Mud PH 9.50
6524.02ft: ZWOB from SideKick
sk-06-03-2616
6524.02ft: ZDiffPressure from
SideKick sk-06-03-2616
6524.31ft: RIG SERVICE
6524.31ft: SURVEY Depth 6468' Inc.
9.7 Az. 185.0
6524.31ft: Air Para 1800 CFM
6525.98ft: IN TALLY: HOLE DEPTH
SET TO 6523.9
6527.99ft: PVT Horn Enabled
6531.89ft: ROTATING

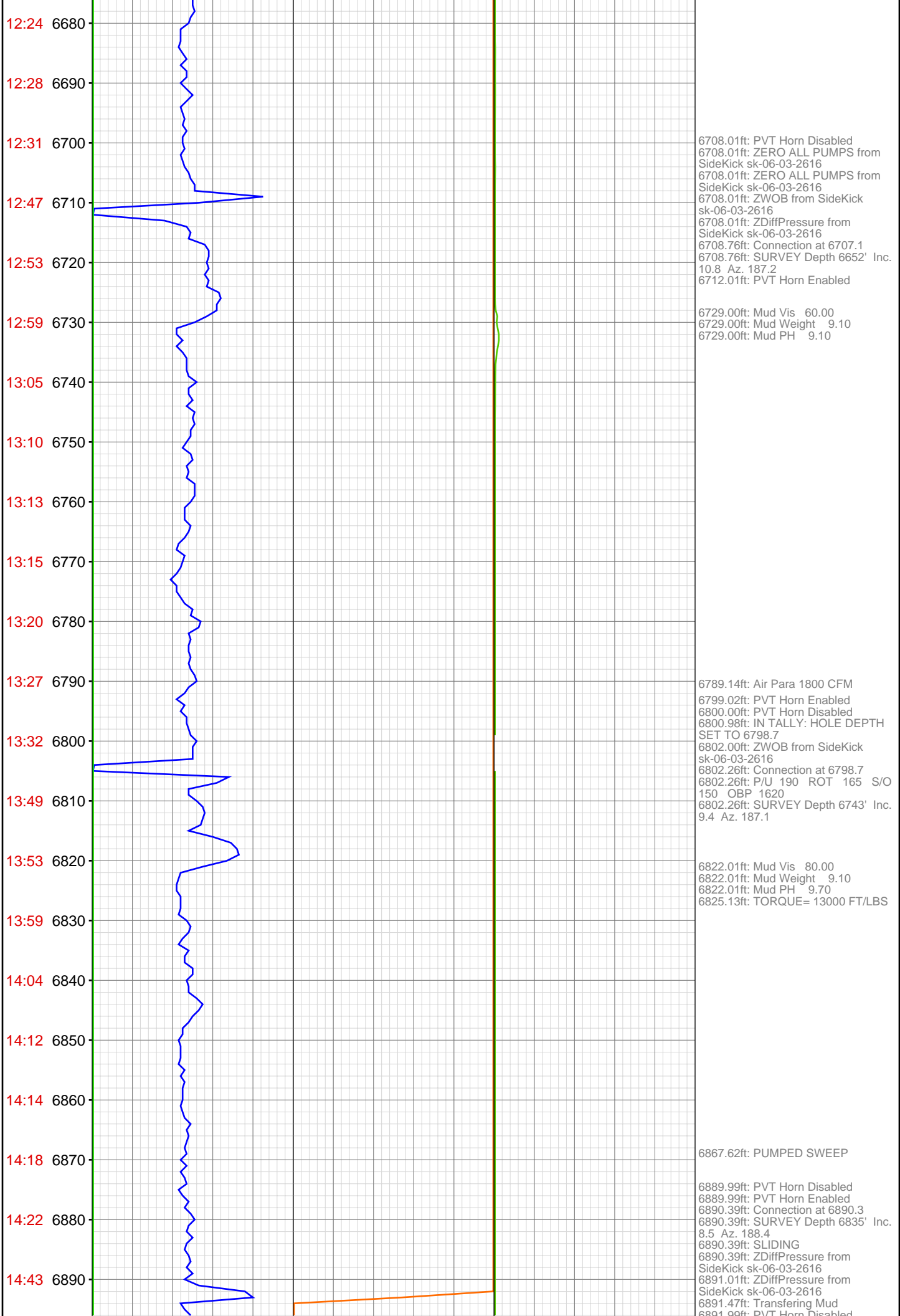
6591.01ft: Mud Vis 60.00
6591.01ft: Mud Weight 9.05
6591.01ft: Mud PH 9.50

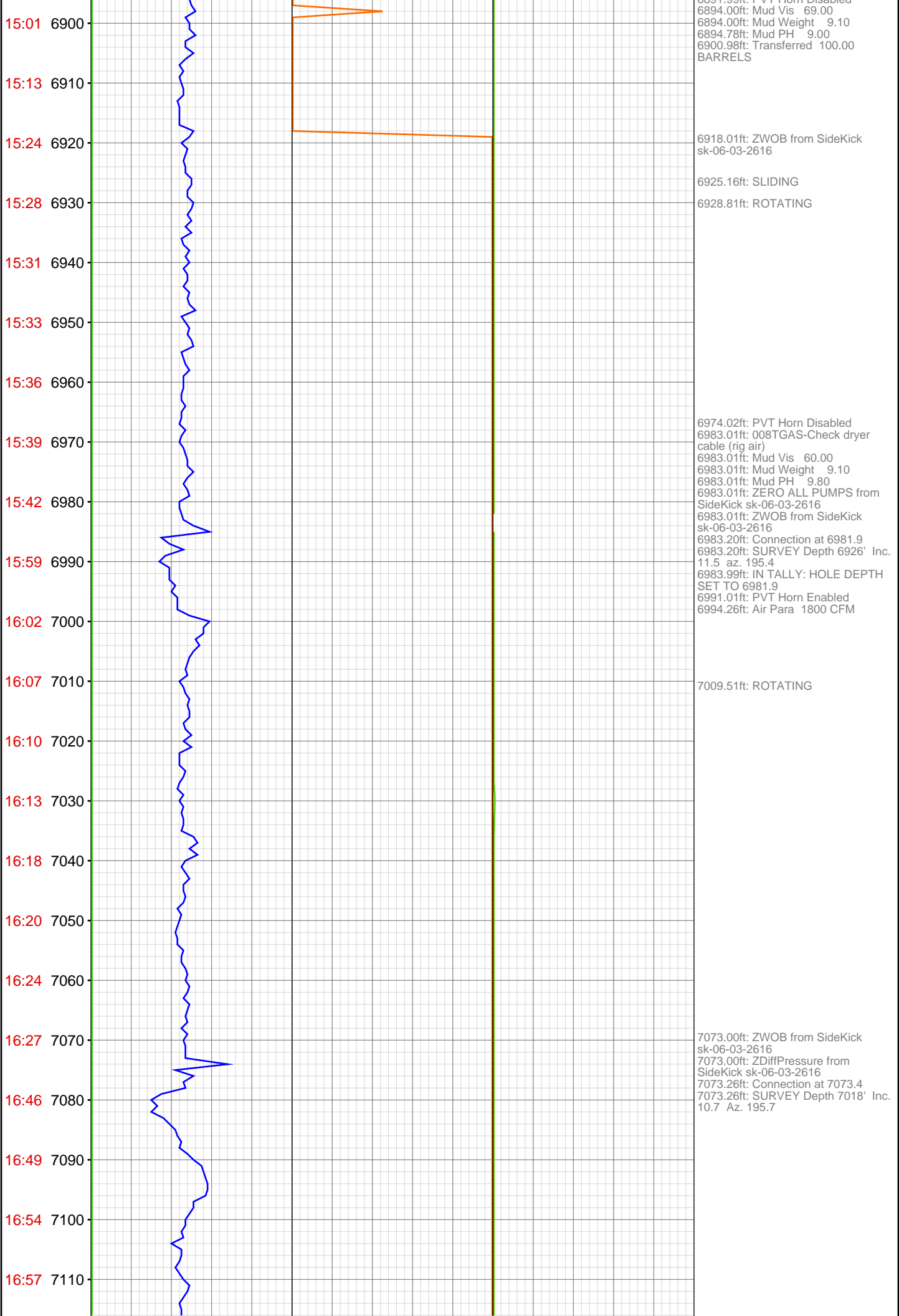
6614.96ft: PVT Horn Disabled
6615.65ft: Connection at 6615.6
6616.01ft: PVT Horn Enabled
6616.01ft: ZDiffPressure from
SideKick sk-06-03-2616
6616.83ft: SLIDING

6625.00ft: SURVEY Depth 6560' Inc.
8.5 Az. 182.6
6629.99ft: Mud Vis 55.00
6629.99ft: Mud Weight 9.05
6629.99ft: Mud PH 9.40

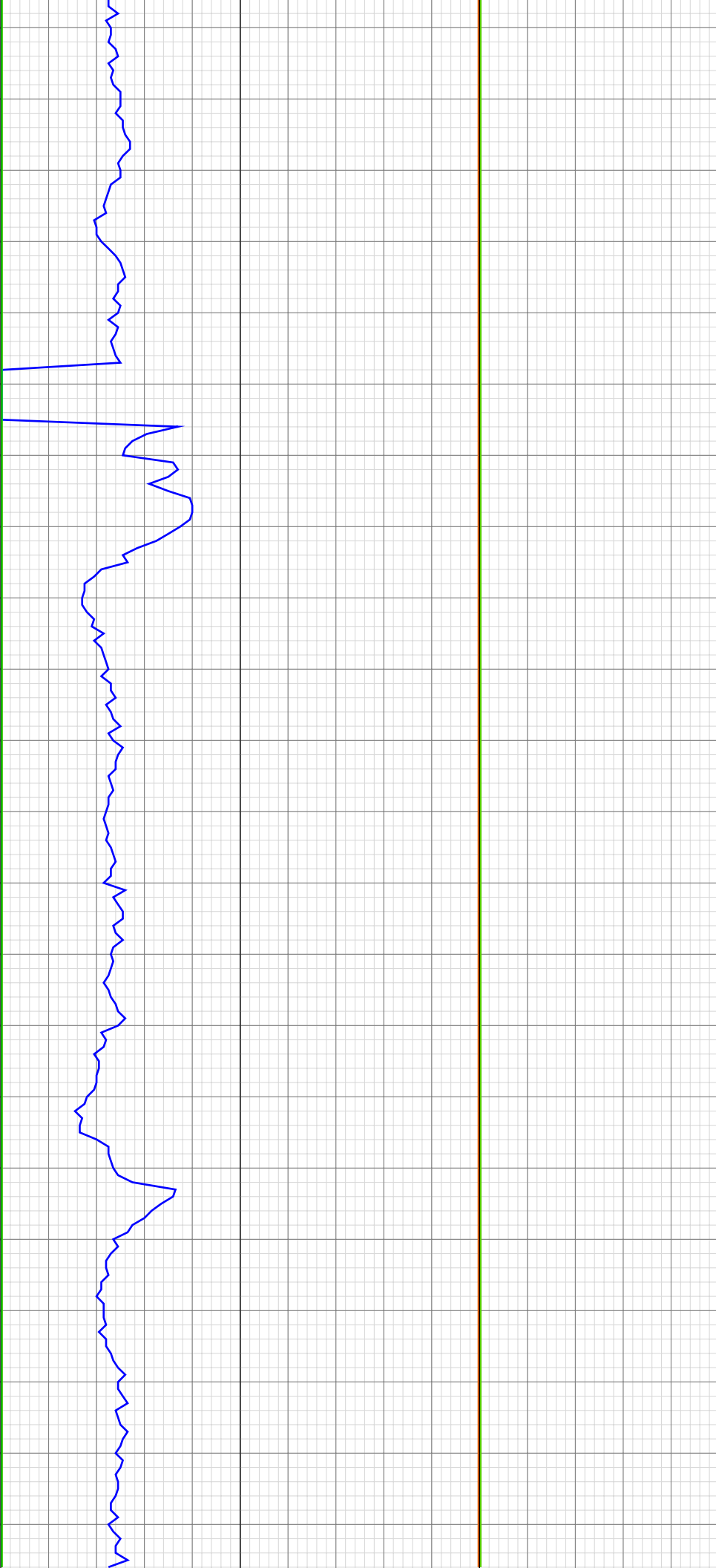
6641.99ft: ZDiffPressure from
SideKick sk-06-03-2616
6641.99ft: ZWOB from SideKick
sk-06-03-2616
6642.91ft: ROTATING







16:59 7120
17:03 7130
17:07 7140
17:10 7150
17:14 7160
17:31 7170
17:35 7180
17:38 7190
17:40 7200
17:43 7210
17:46 7220
17:49 7230
17:52 7240
17:56 7250
18:15 7260
18:18 7270
18:22 7280
18:26 7290
18:29 7300
18:34 7310
18:37 7320
18:42 7330



7126.71ft: Air Para 1800 CFM

7144.00ft: Mud Vis 53.00
7144.00ft: Mud Weight 9.20
7144.00ft: Mud PH 9.70

7166.01ft: HOOK LOAD HIGH
RECALIBRATED
7166.01ft: ZWOB from SideKick
sk-06-03-2616
7166.01ft: ZDiffPressure from
SideKick sk-06-03-2616
7166.47ft: SURVEY DEPTH 7109'
INC. 10.1 AZ. 197.5
7166.47ft: Connection at 7164.9
7173.56ft: PUMPED SWEEP

7179.99ft: ZERO ALL PUMPS from
SideKick sk-06-03-1992

7258.99ft: Mud Vis 58.00
7258.99ft: Mud Weight 9.20
7258.99ft: Mud PH 9.60
7259.51ft: Connection at 7256.5
7259.51ft: ZWOB from SideKick
sk-06-03-2616

18:47 7340

19:14 7350

19:26 7360

19:33 7370

19:36 7380

19:40 7390

19:43 7400

19:46 7410

19:50 7420

19:53 7430

20:10 7440

20:37 7450

20:44 7460

20:48 7470

20:50 7480

20:54 7490

20:57 7500

21:01 7510

21:03 7520

21:07 7530

21:23 7540

21:27 7550

7347.38ft: IN TALLY: HOLE DEPTH
SET TO 7347.4
7347.38ft: SURVEY DEPTH 7292
INC. 9.4 AZ. 198.8
7347.38ft: Connection at 7347.4

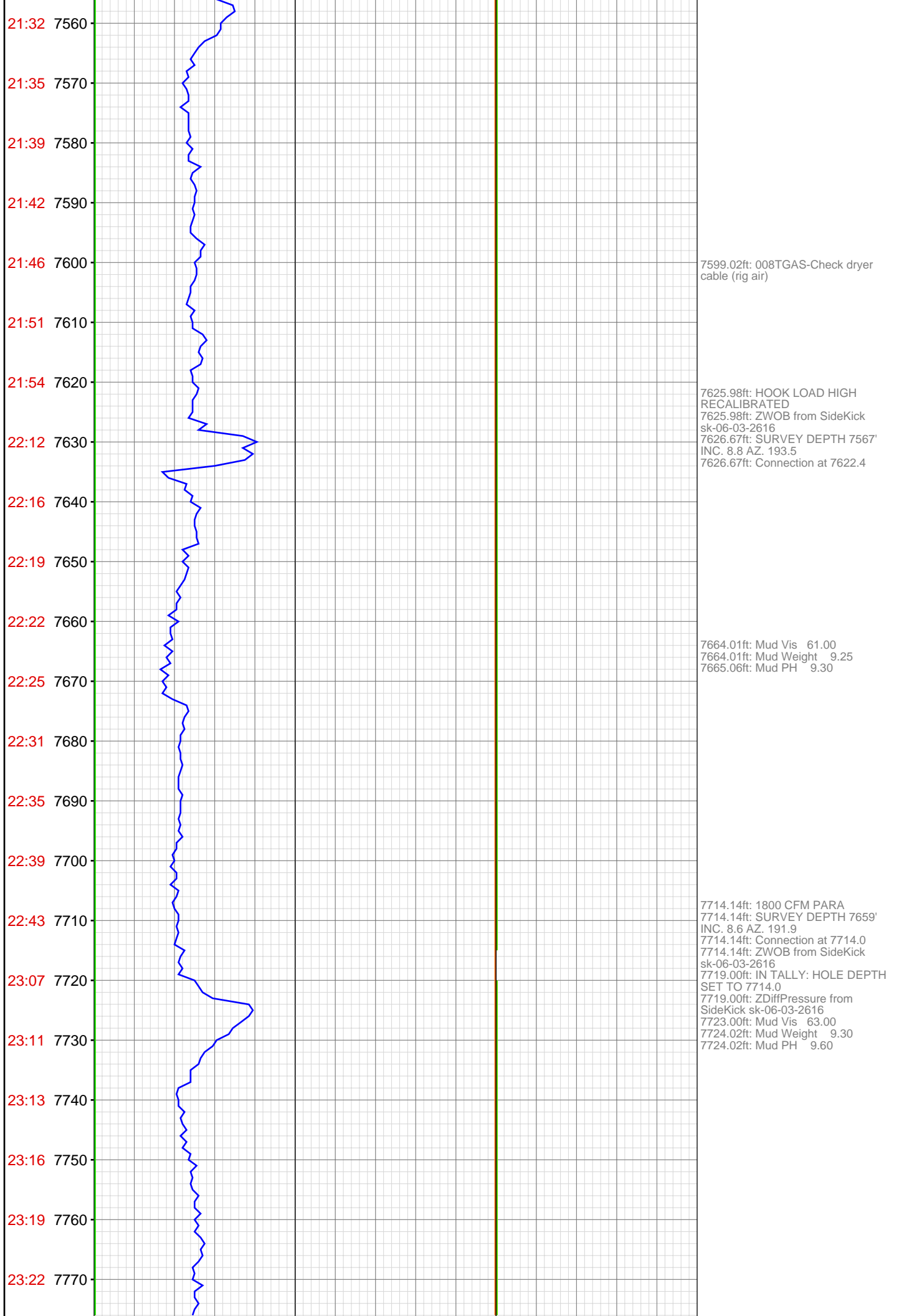
7356.89ft: 1800 CFM PARA
7360.99ft: ZWOB from SideKick
sk-06-03-2616
7360.99ft: ZDiffPressure from
SideKick sk-06-03-2616

7440.22ft: Connection at 7439.1
SURVEY DEPTH 7384' INC. 9.3 AZ.
184.5
7445.01ft: Mud Weight 9.25
7445.01ft: Mud PH 9.50
7445.08ft: Mud Vis 54.00
7450.00ft: ZWOB from SideKick
sk-06-03-2616
7450.00ft: ZDiffPressure from
SideKick sk-06-03-2616

7513.48ft: 1800 CFM PARA

7533.01ft: Mud Vis 58.00
7533.01ft: Mud Weight 9.25
7533.01ft: Mud PH 9.50
7533.01ft: ZWOB from SideKick
sk-06-03-2616
7533.60ft: Connection at 7530.7
SURVEY DEPTH 7475' INC. 9.4 AZ.
195.0
7543.01ft: ZERO ALL PUMPS from
SideKick sk-06-03-1992

7551.31ft: PUMPED SWEEP



23:25 7780

23:28 7790

23:30 7800

23:47 7810

23:50 7820

23:54 7830

23:57 7840

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00:01 7850

00:06 7860

00:09 7870

00:12 7880

00:14 7890

00:17 7900

00:36 7910

00:39 7920

00:42 7930

00:45 7940

00:50 7950

00:53 7960

00:56 7970

00:59 7980

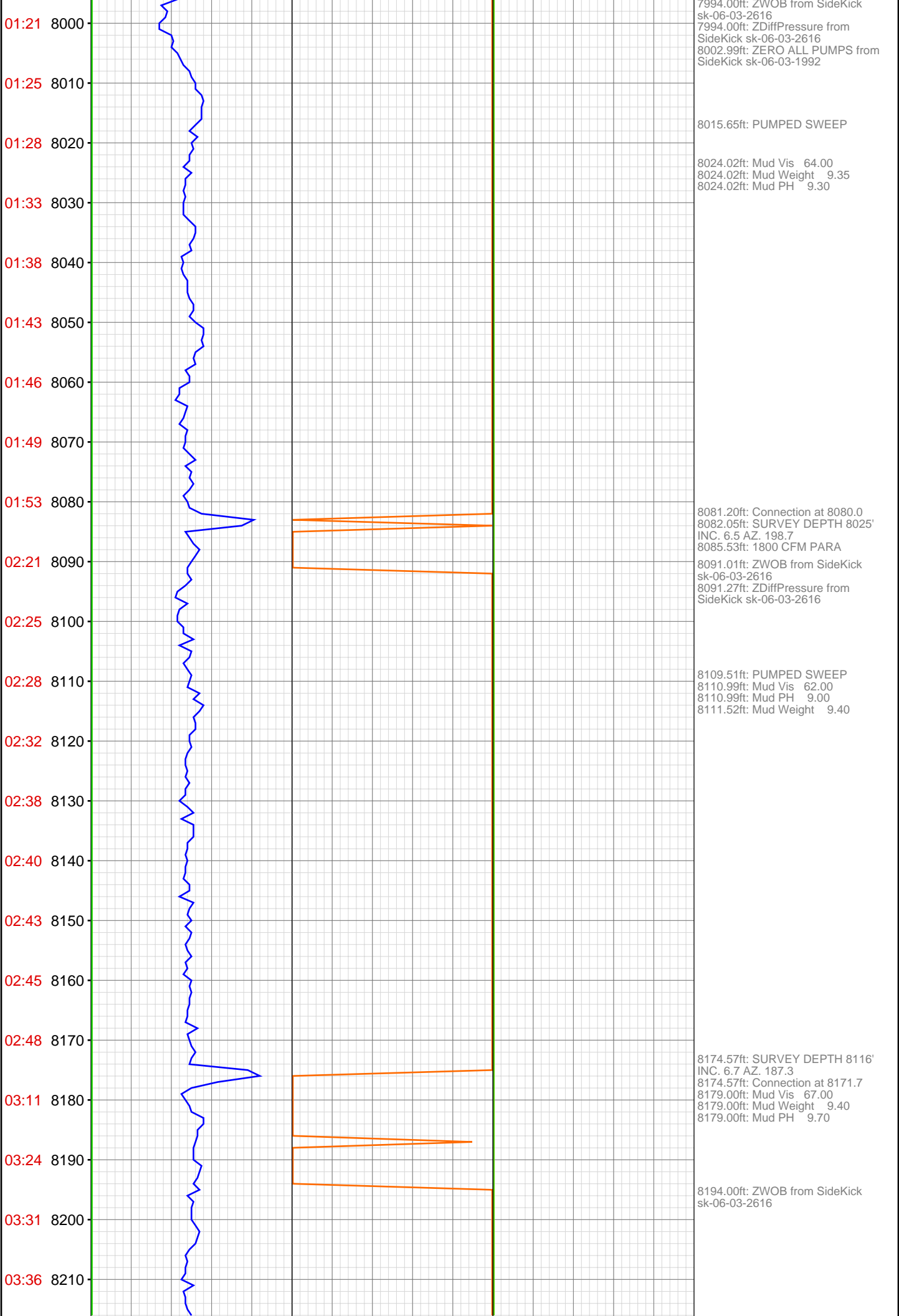
01:02 7990

7806.99ft: ZWOB from SideKick
sk-06-03-2616
7807.51ft: Connection at 7805.5
7807.51ft: SURVEY DEPTH 7750'
INC. 8.0 AZ. 193.7

7815.81ft: PUMPED SWEEP
7817.00ft: ZDiffPressure from
SideKick sk-06-03-2616

7901.25ft: SURVEY DEPTH 7841'
INC. 7.9 AZ. 193.2
7901.25ft: Connection at 7897.0
7906.00ft: Mud Vis 64.00
7906.99ft: Mud Weight 9.30
7906.99ft: Mud PH 9.40

7988.52ft: Connection at 7988.5
7988.52ft: SURVEY DEPTH 7933'
INC. 7.3 AZ. 198.2
7994.00ft: IN TALLY: HOLE DEPTH
SET TO 7988.5



03:40 8220
03:43 8230
03:48 8240
03:52 8250
03:55 8260
04:20 8270
04:25 8280
04:31 8290
04:38 8300
04:46 8310
04:50 8320
04:56 8330
05:00 8340
05:06 8350
05:45 8360
06:04 8370
06:26 8380
06:38 8390
06:44 8400
06:51 8410
06:58 8420
07:04 8430



8237.01ft: 008TGAS-Check dryer
cable (rig air)

8263.42ft: SURVEY DEPTH 8208'
INC. 4.0 AZ. 177.0
8263.42ft: Connection at 8263.4
8264.01ft: Mud Vis 68.00
8264.01ft: Mud Weight 9.45
8264.01ft: Mud PH 9.70
8267.00ft: IN TALLY: HOLE DEPTH
SET TO 8263.4
8267.00ft: ZWOB from SideKick
sk-06-03-2616
8273.00ft: ZERO ALL PUMPS from
SideKick sk-06-03-1992
8275.85ft: PUMPED SWEEP

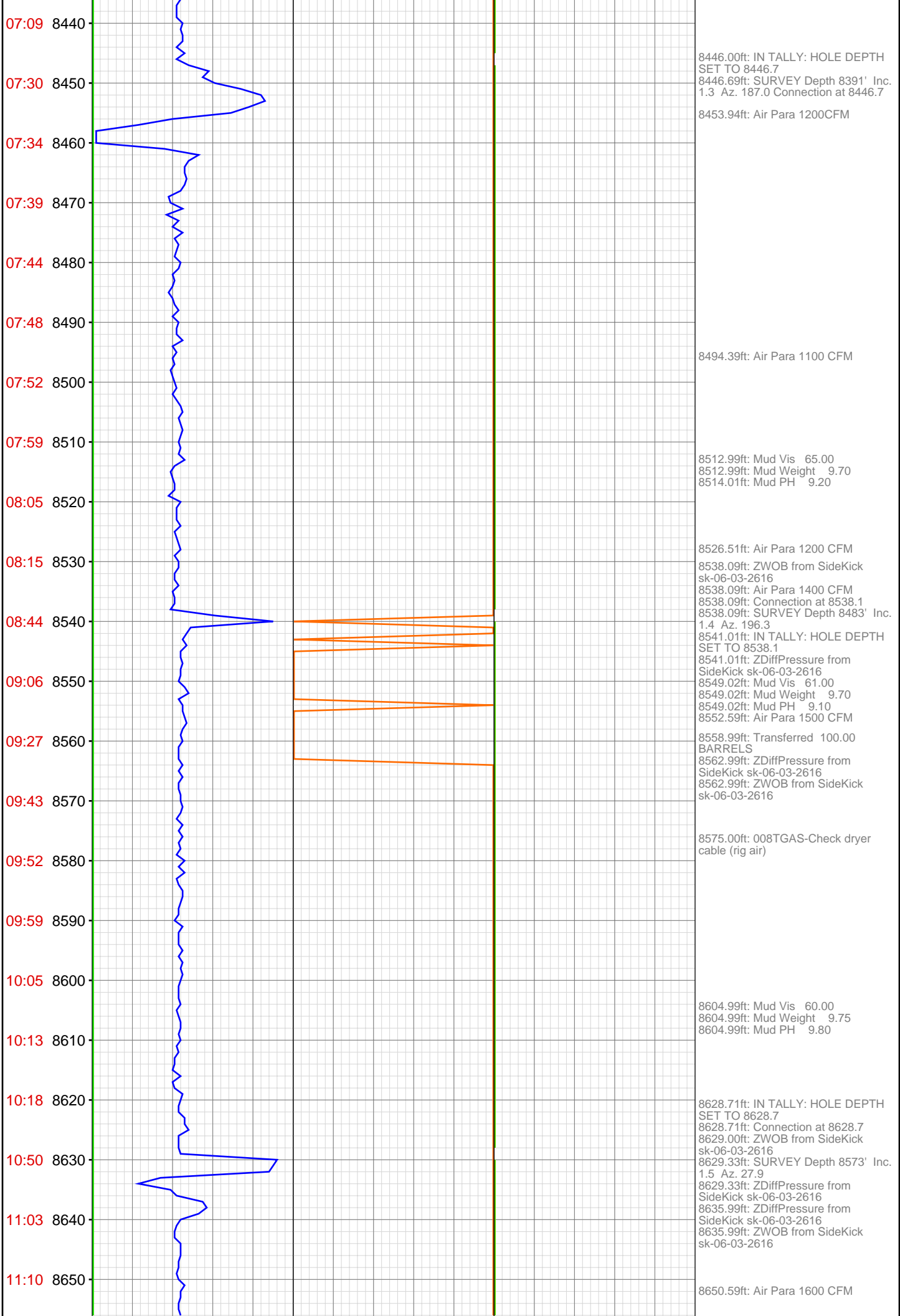
8314.21ft: 1800 CFM PARA

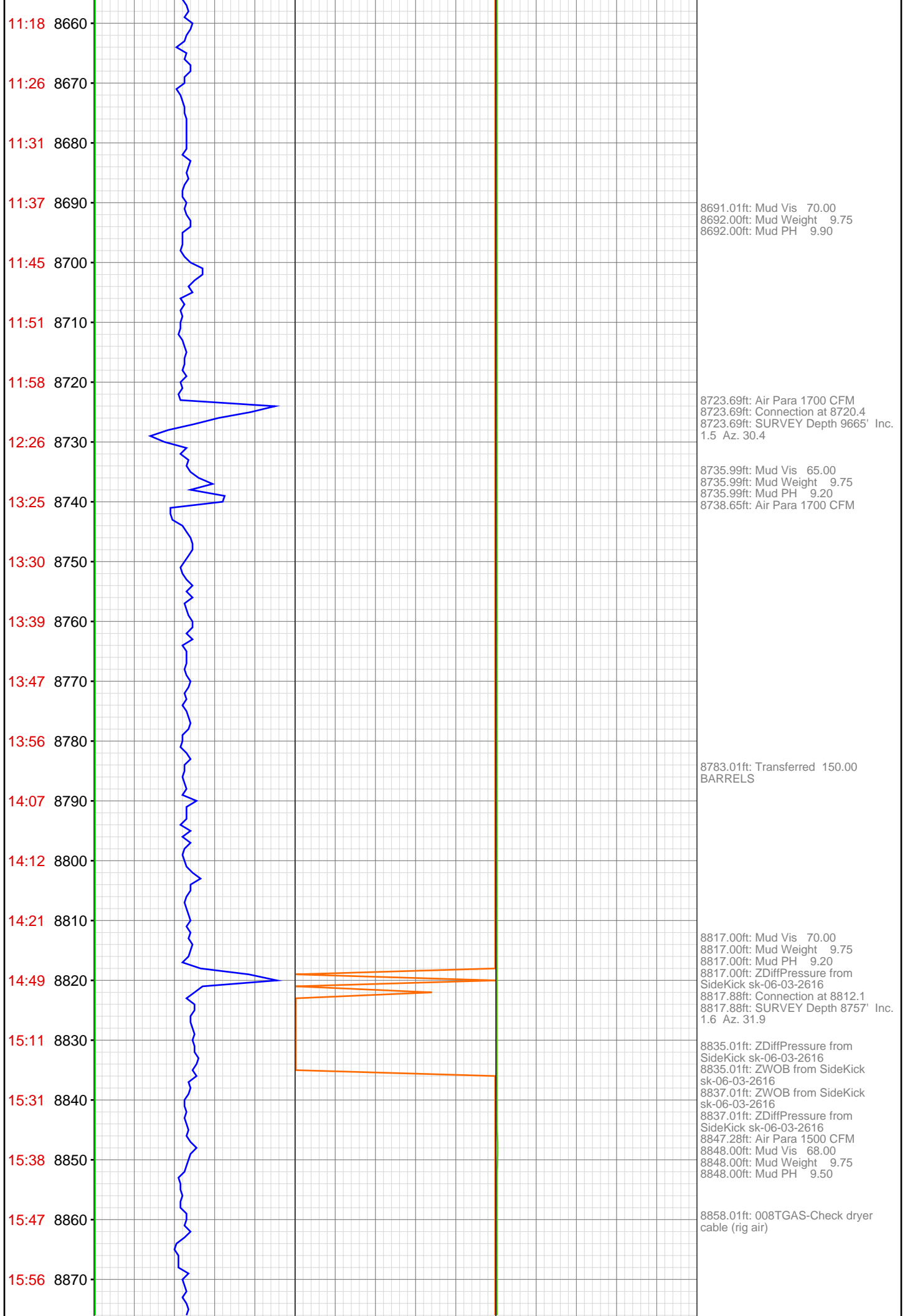
8356.00ft: Mud Vis 72.00
8356.00ft: Mud Weight 9.50
8356.00ft: Mud PH 9.80
8356.00ft: ZDiffPressure from
SideKick sk-06-03-2616
8356.14ft: SURVEY Depth 8300' Inc.
4.2 Az. 184.3 Connection at 8355.0
8356.14ft: 1600 CFM PARA
8362.99ft: Mud Vis 63.00
8362.99ft: Mud Weight 9.50
8362.99ft: Mud PH 9.30

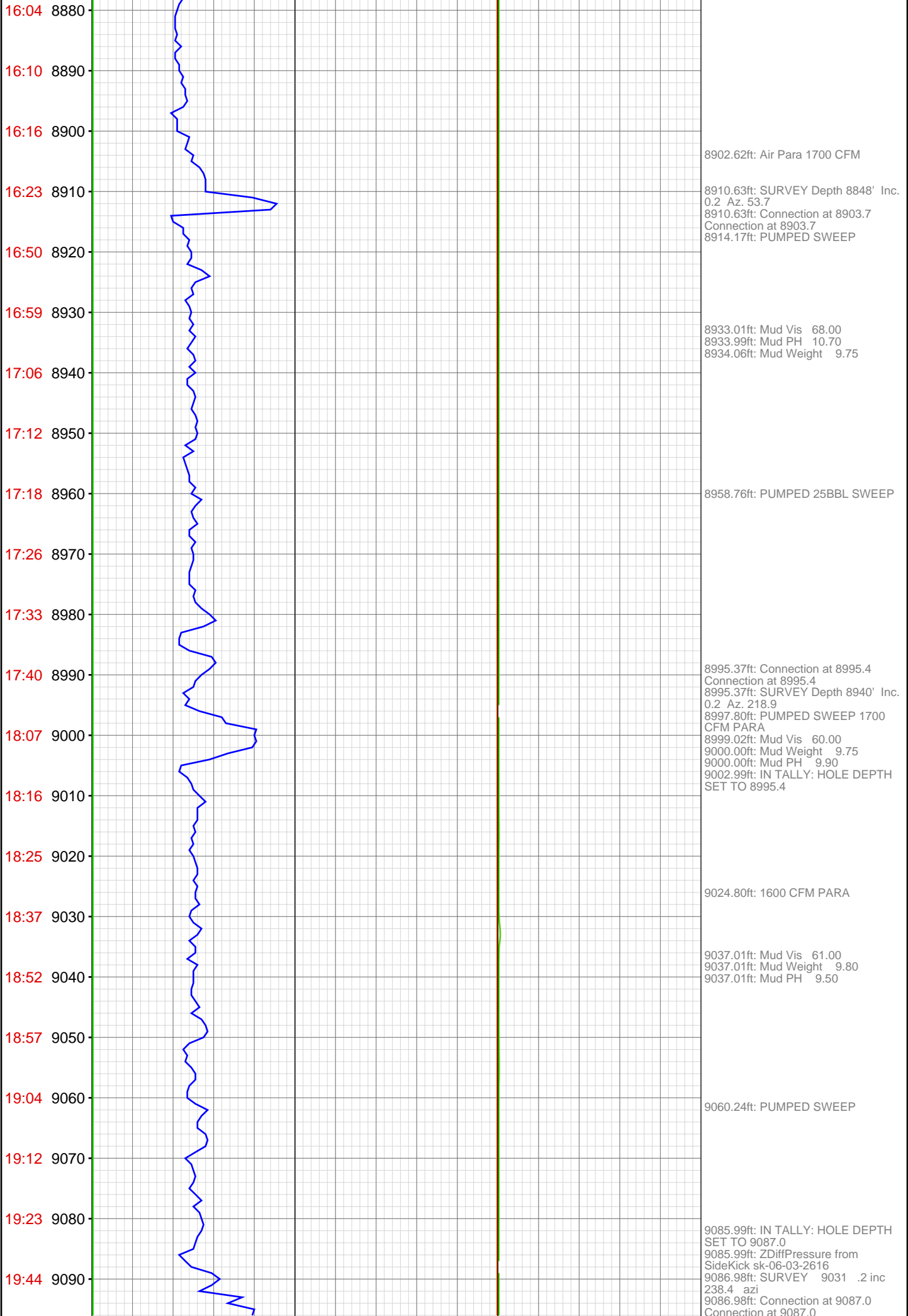
8380.97ft: Air Para 1500 CFM
8381.99ft: ZDiffPressure from
SideKick sk-06-03-2616
8381.99ft: ZWOB from SideKick
sk-06-03-2616

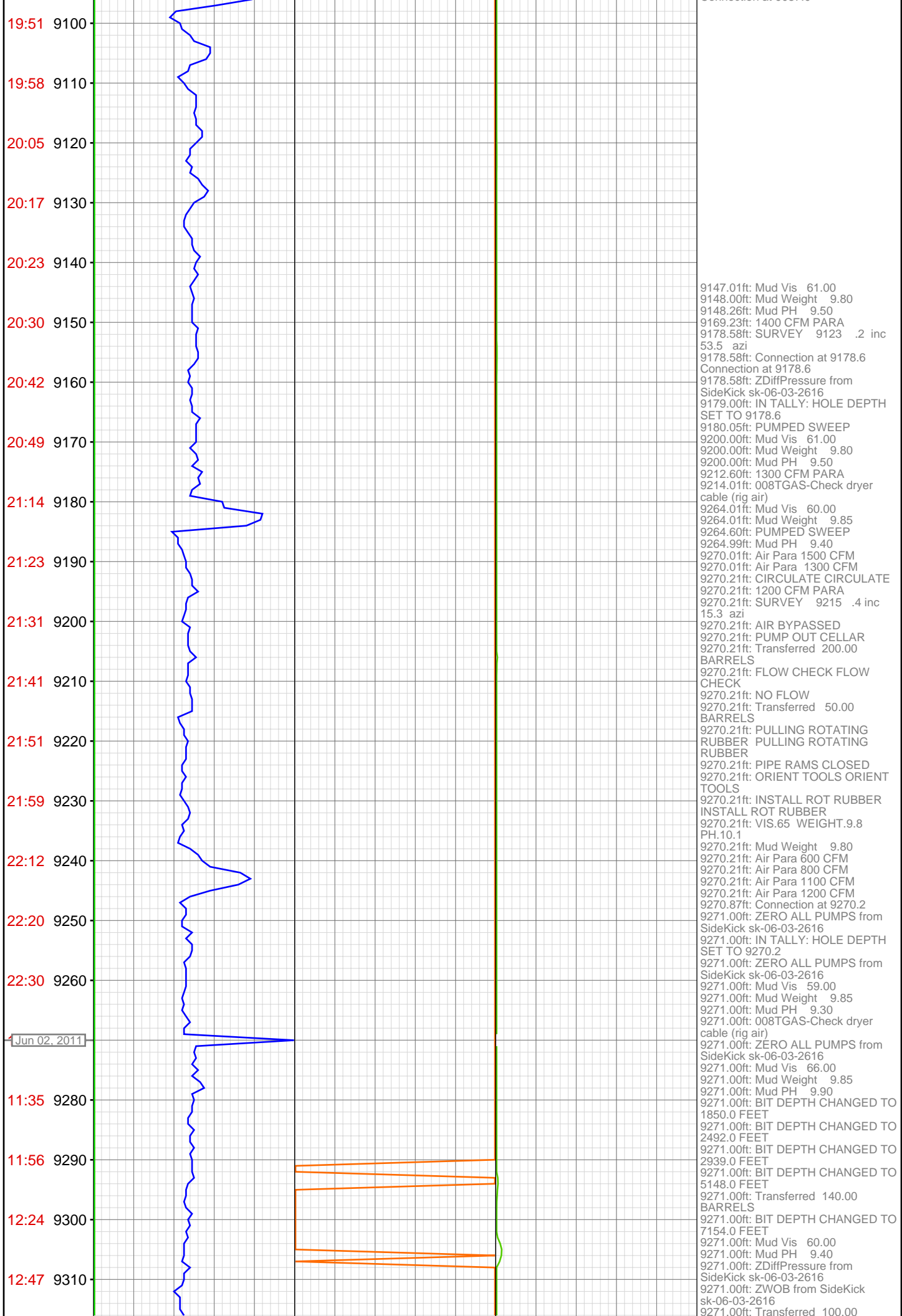
8412.01ft: Mud Vis 61.00
8412.01ft: Mud Weight 9.60
8412.01ft: Mud PH 9.50

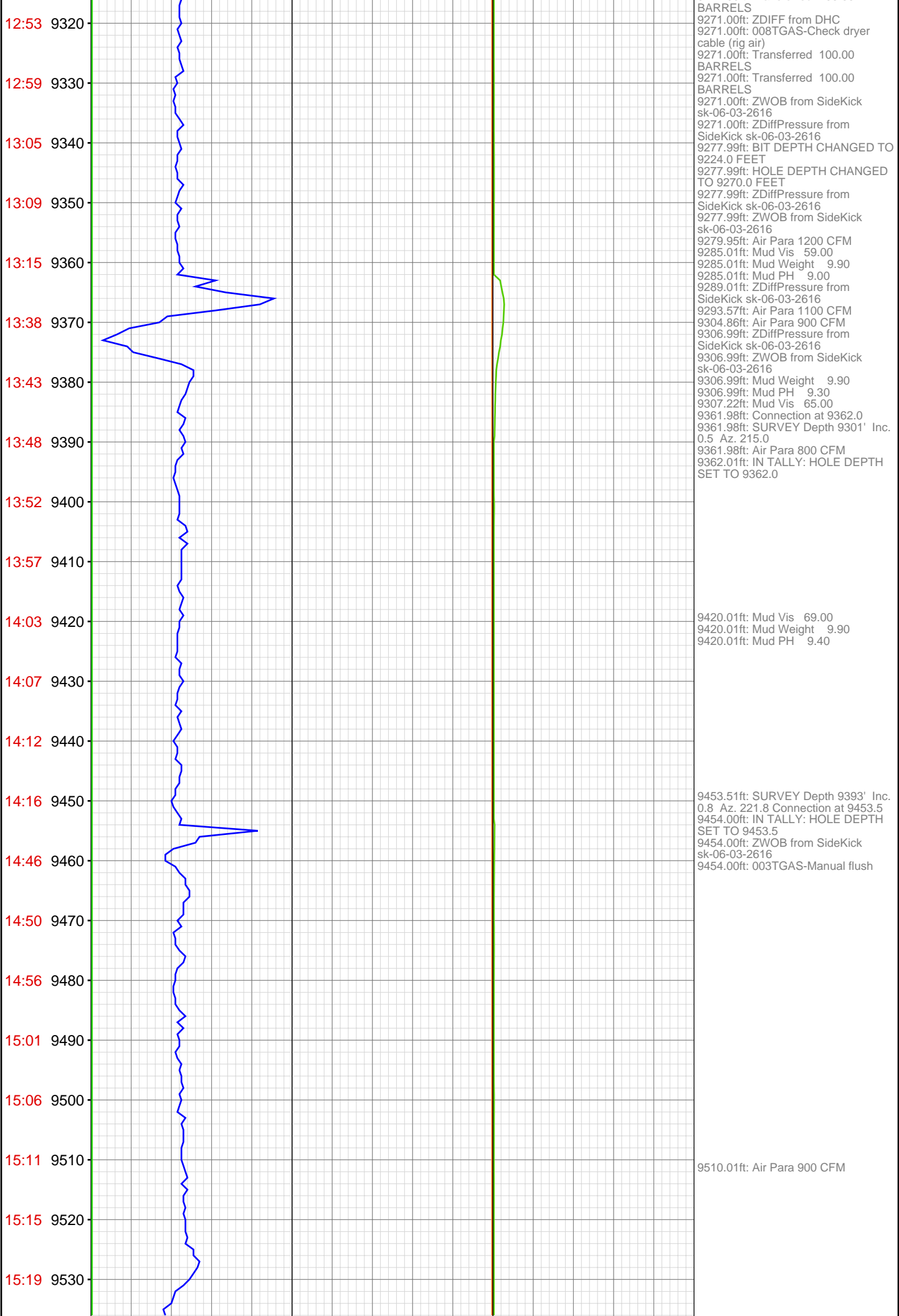
8427.49ft: Air Para 1400 CFM











15:24 9540
15:49 9550
15:54 9560
15:59 9570
16:06 9580
16:12 9590
16:17 9600
16:23 9610
16:28 9620
16:34 9630
16:58 9640
17:05 9650
17:13 9660
17:19 9670
17:26 9680
17:32 9690
17:38 9700
17:44 9710
17:50 9720
18:12 9730
18:27 9740
18:41 9750

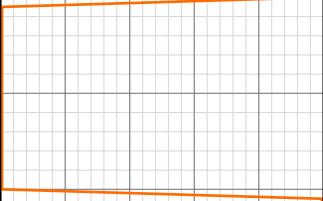


9546.00ft: 008TGAS-Check dryer
cable (rig air)
9546.23ft: Connection at 9545.1
9546.23ft: SURVEY Depth 9485' Inc.
1.2 Az. 216.5

9566.01ft: Mud Vis 66.00
9566.01ft: Mud Weight 9.90
9566.01ft: Mud PH 9.30

9635.99ft: IN TALLY: HOLE DEPTH
SET TO 9636.7
9635.99ft: ZDiffPressure from
SideKick sk-06-03-2616
9636.68ft: Connection at 9636.7
9636.68ft: SURVEY Depth 9576' Inc.
1.2 Az. 211.6

9728.45ft: Mud PH 9.90
9728.45ft: Connection at 9728.5
Connection at 9728.5
9728.45ft: SURVEY 9668 1.5 inc
203.1 azi
9728.45ft: SLIDING SLIDING
9729.00ft: IN TALLY: HOLE DEPTH
SET TO 9728.5
9729.00ft: Mud Vis 68.00
9729.00ft: Mud Weight 9.95



18:54 9760
19:00 9770
19:06 9780
19:13 9790
19:18 9800
19:24 9810
19:45 9820
20:03 9830
20:26 9840
20:33 9850
20:39 9860
20:45 9870
20:52 9880
20:58 9890
21:04 9900
21:10 9910
21:30 9920
21:39 9930
21:47 9940
21:54 9950
22:02 9960
22:12 9970



9787.99ft: Mud Vis 62.00
9787.99ft: Mud Weight 9.95
9787.99ft: Mud PH 9.50

9819.00ft: IN TALLY: HOLE DEPTH
SET TO 9820.0
9819.95ft: SURVEY 9759 .8 inc
215.4 azi
9819.95ft: Connection at 9820.0
Connection at 9820.0
9819.95ft: SLIDING SLIDING
9827.03ft: Air Para 800

9841.01ft: Air Para 700

9848.43ft: PUMPED SWEEP

9864.01ft: Mud Vis 65.00
9864.01ft: Mud Weight 9.95
9864.01ft: Mud PH 9.90

9882.25ft: Air Para 600

9911.61ft: IN TALLY: HOLE DEPTH
SET TO 9911.6
9911.61ft: Connection at 9911.6
Connection at 9911.6
9911.61ft: SURVEY 9851 .3 inc
121.6 azi
9912.01ft: ZDiffPressure from
SideKick sk-06-03-2616

9939.01ft: 008TGAS-Check dryer
cable (rig air)

9952.99ft: Mud Vis 62.00
9952.99ft: Mud Weight 9.95
9952.99ft: Mud PH 9.90

22:25 9980
22:34 9990
22:41 10000
23:01 10010
23:09 10020
23:17 10030
23:25 10040
23:31 10050
23:38 10060
23:48 10070
23:56 10080
Jun 03, 2011
00:03 10090
00:25 10100
00:31 10110
00:39 10120
00:47 10130
00:55 10140
01:03 10150
01:11 10160
01:18 10170
01:27 10180
01:53 10190



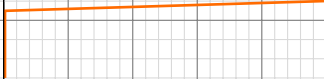
10002.99ft: IN TALLY: HOLE DEPTH
SET TO 10003.3
10002.99ft: ZDiffPressure from
SideKick sk-06-03-2616
10003.25ft: SURVEY 9943 .4 inc
157.4 azi
10003.25ft: Connection at 10003.3
Connection at 10003.3

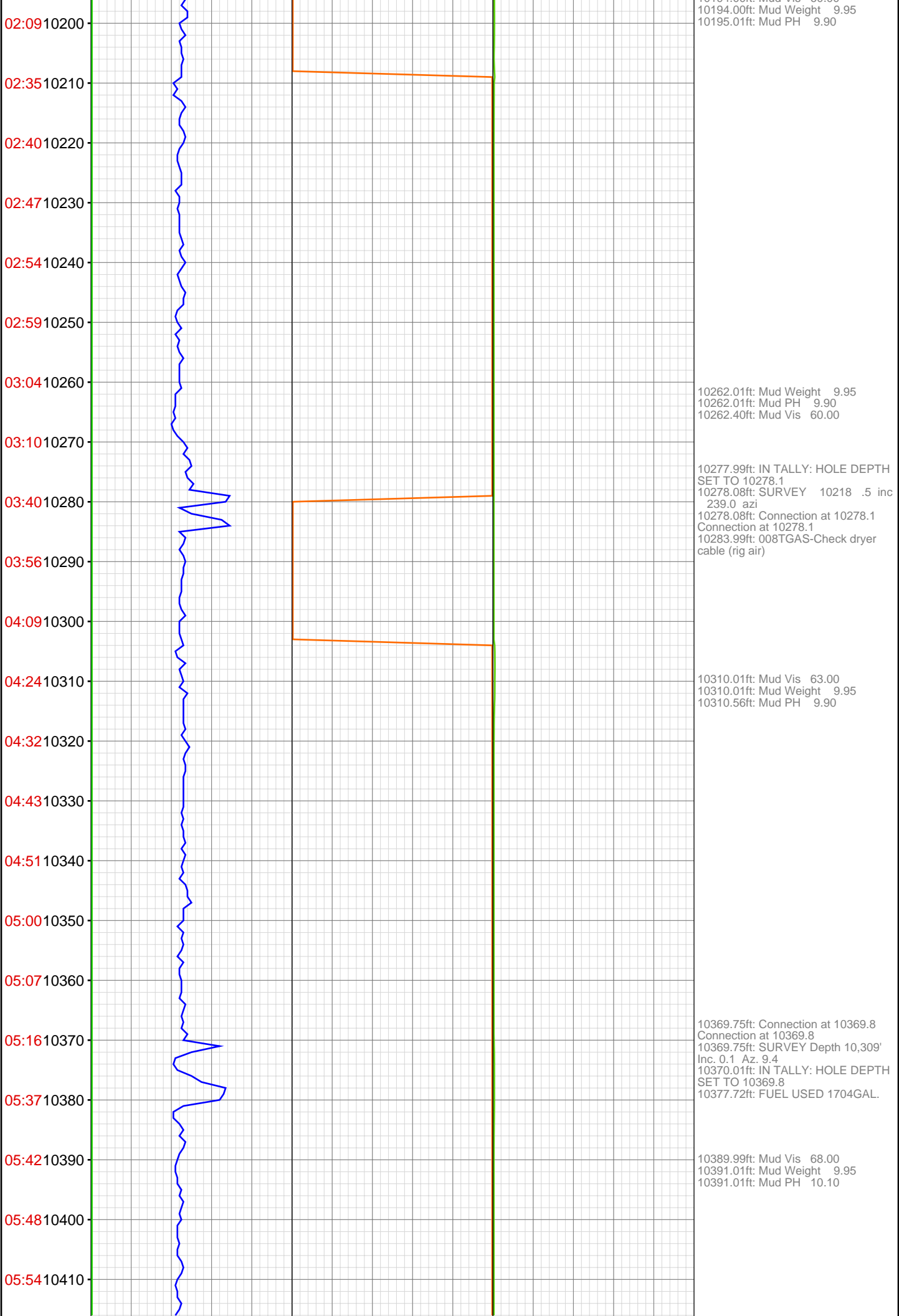
10058.01ft: Mud Vis 61.00
10058.01ft: Mud Weight 9.95
10058.01ft: Mud PH 9.90

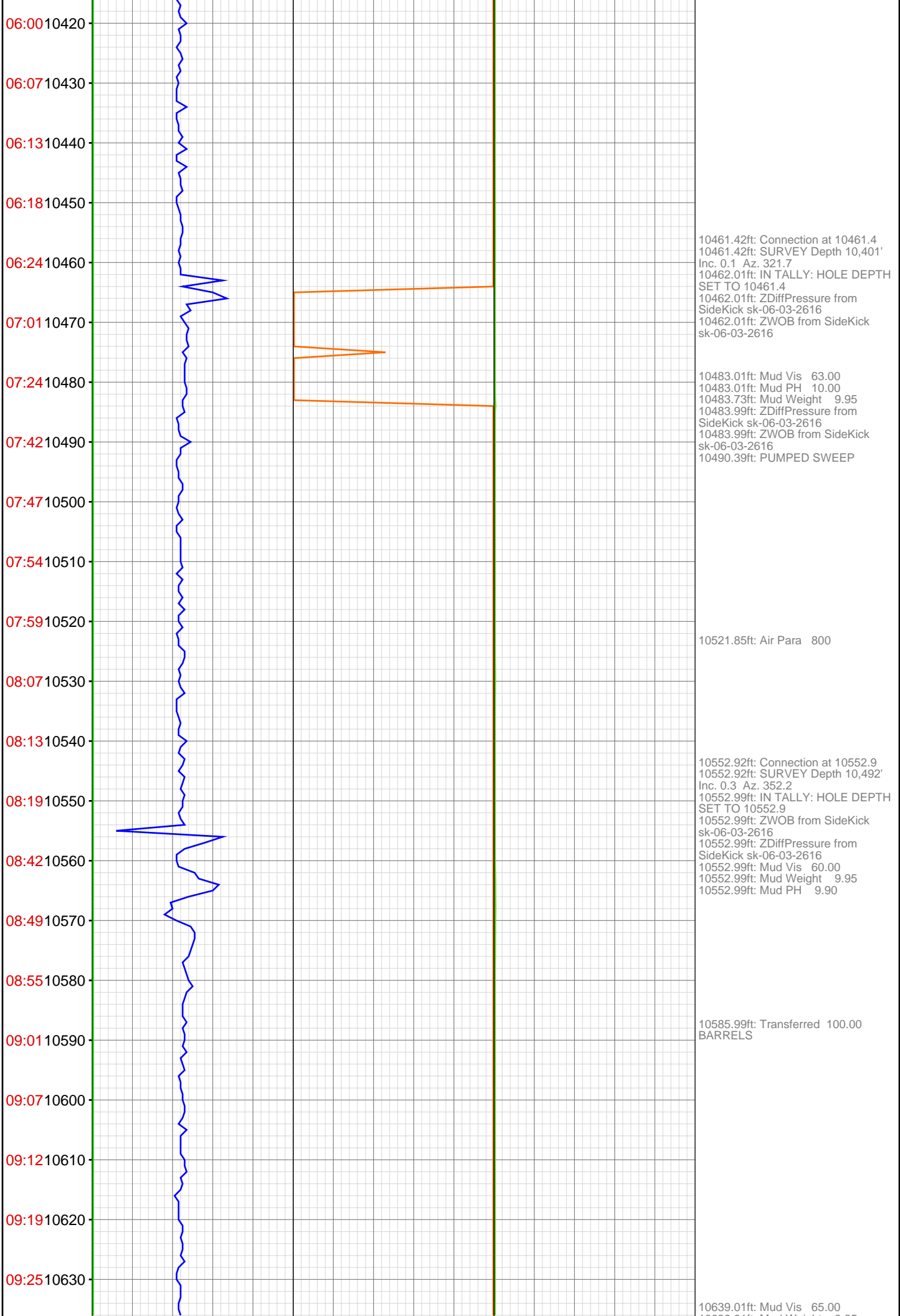
10094.82ft: SURVEY 10034 .5
inc 202.1 azi
10094.82ft: Connection at 10094.8
Connection at 10094.8
10095.01ft: IN TALLY: HOLE DEPTH
SET TO 10094.8
10095.01ft: ZDiffPressure from
SideKick sk-06-03-2616

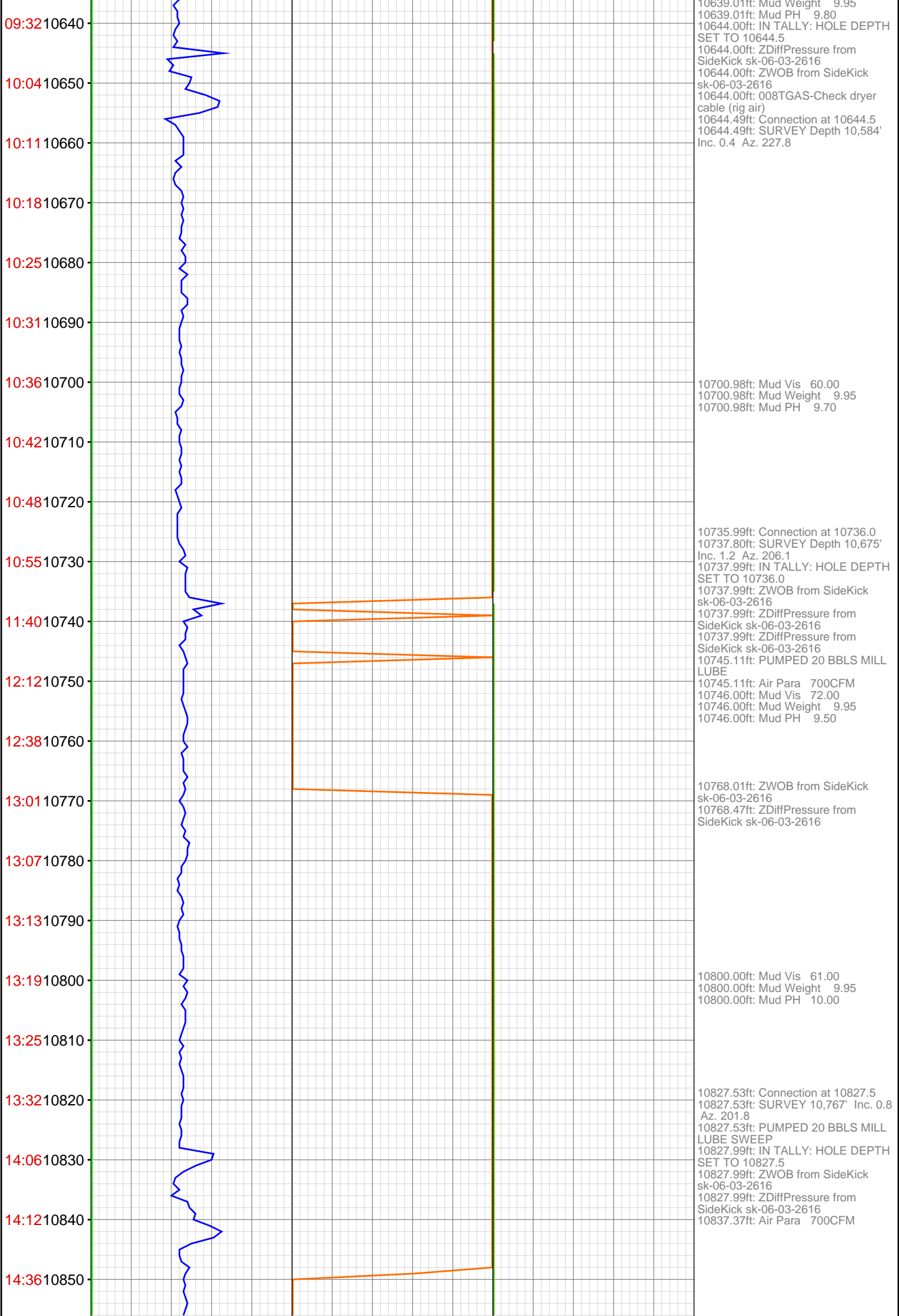
10143.70ft: PUMPED SWEEP

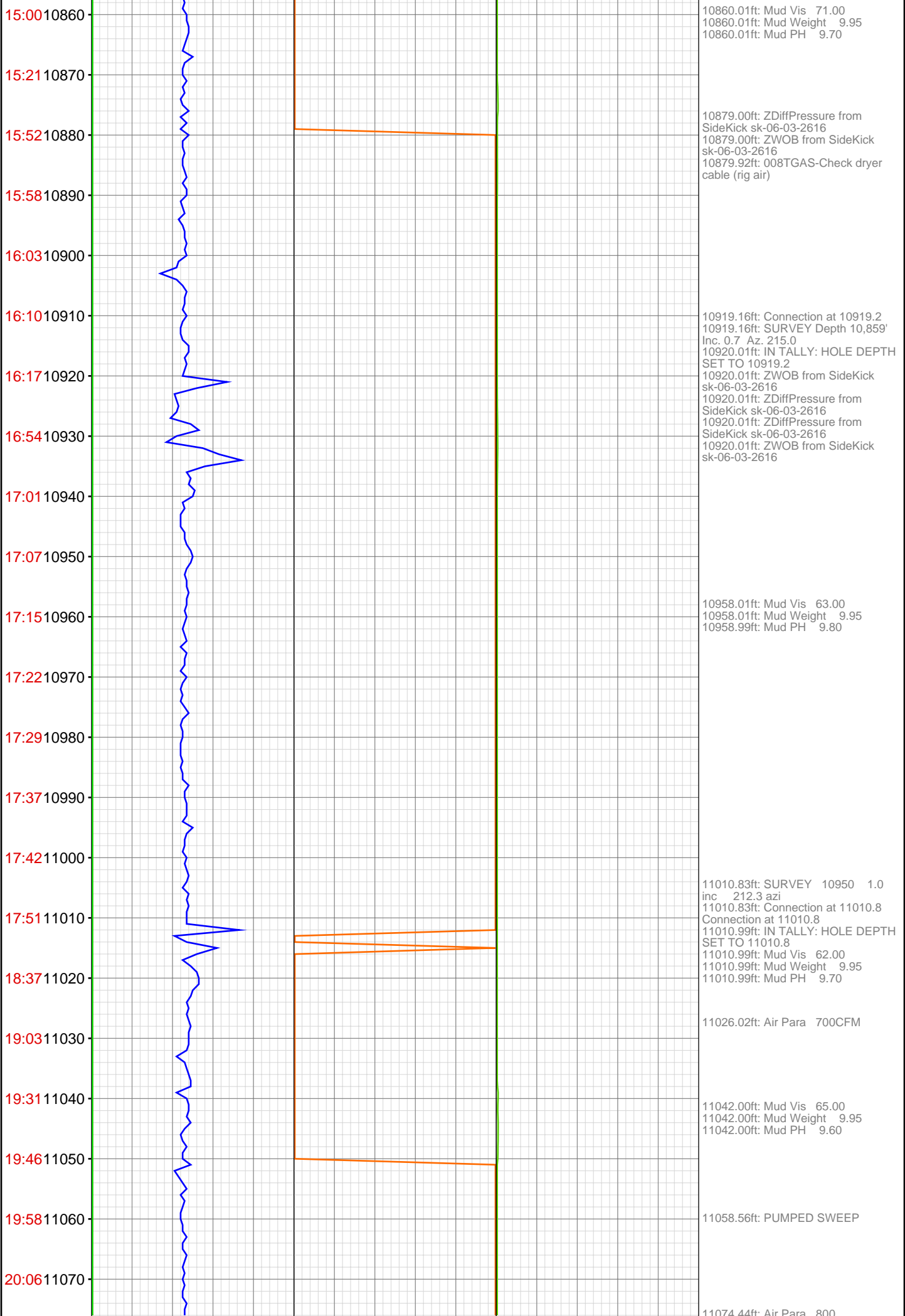
10186.38ft: SURVEY 10126 .8 inc
212.1 azi
10186.38ft: Connection at 10186.4
Connection at 10186.4
10186.38ft: SLIDING SLIDING
10186.52ft: Air Para 700
10187.01ft: IN TALLY: HOLE DEPTH
SET TO 10186.4
10194.00ft: Mud Vis 60.00

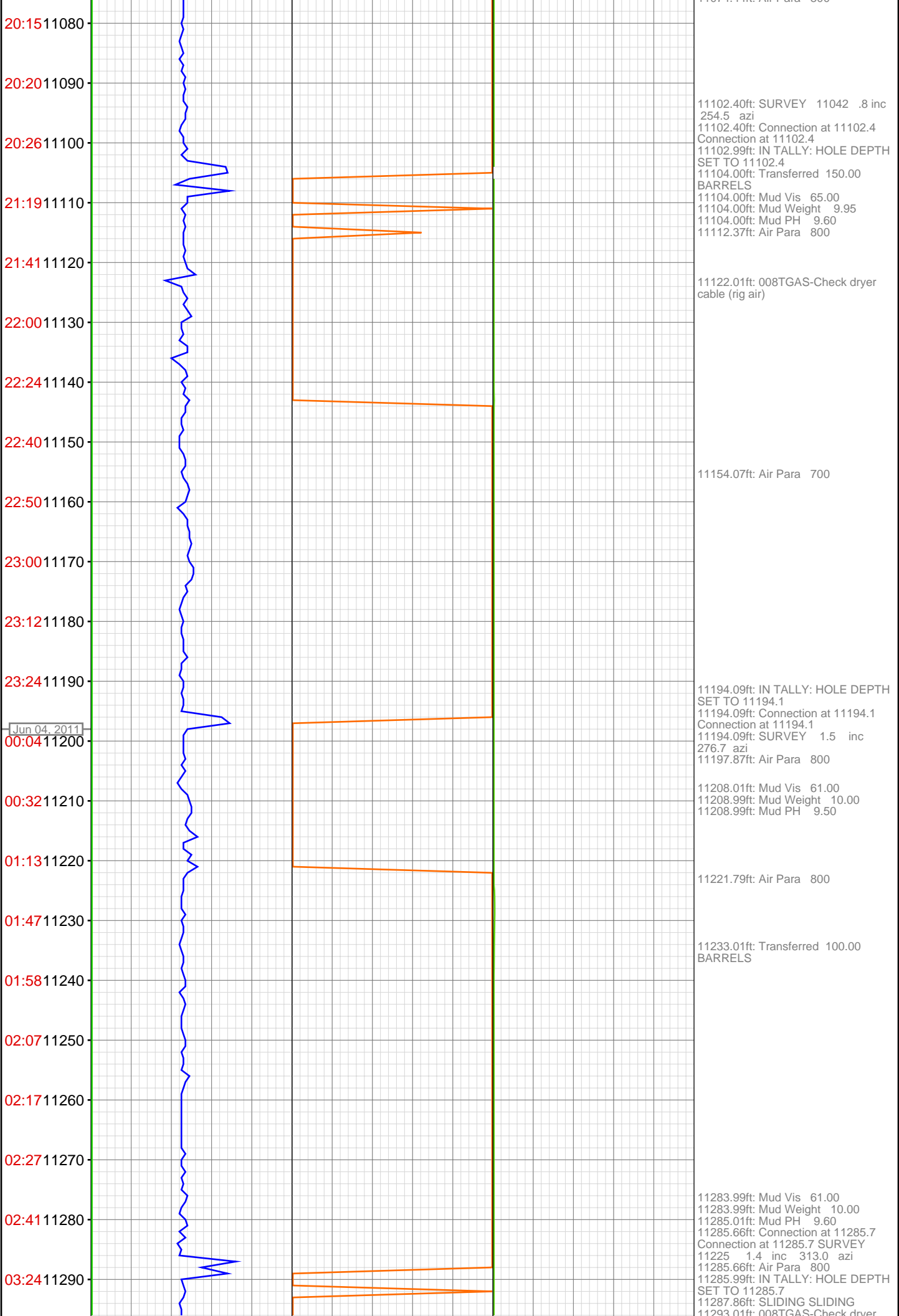


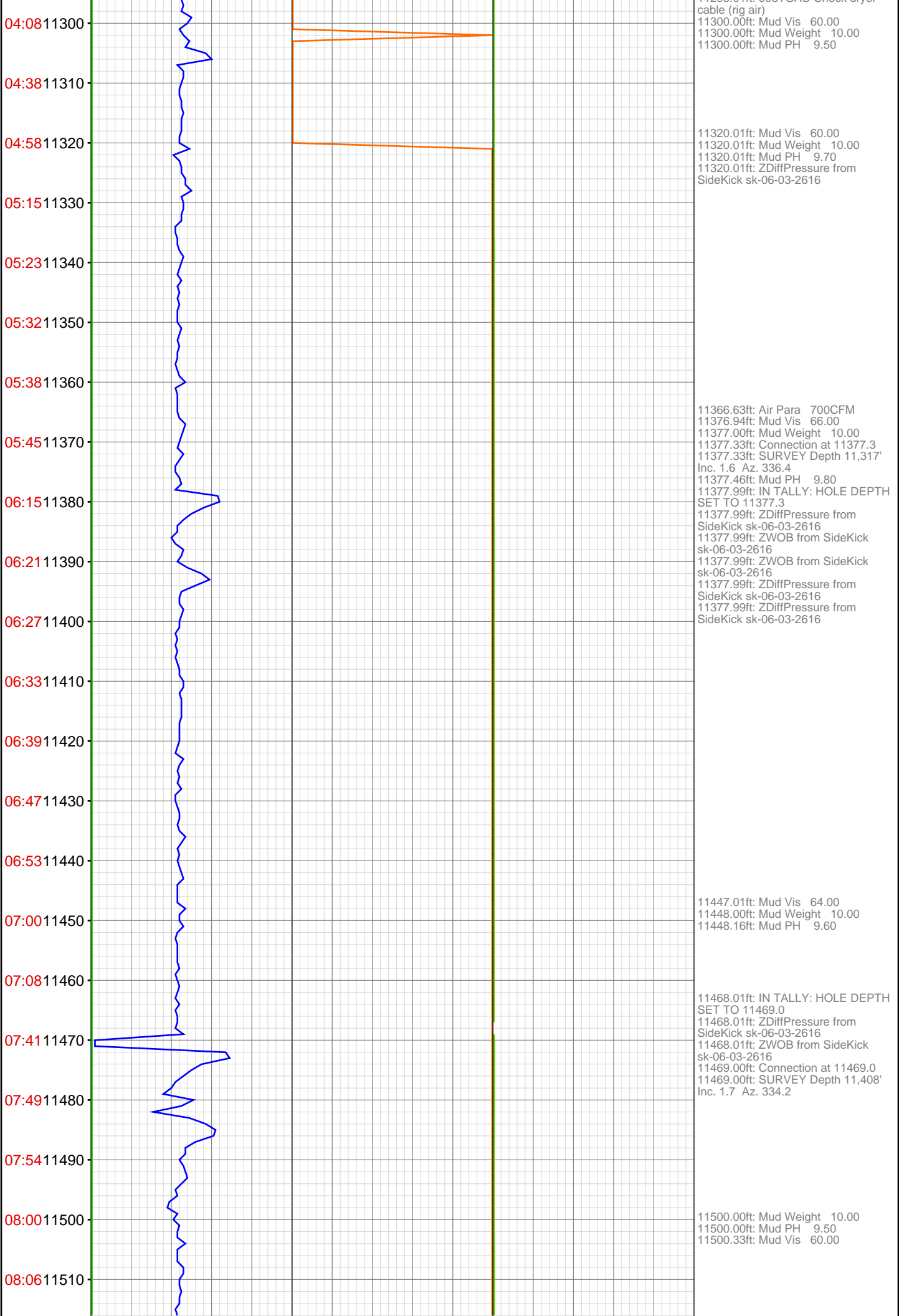












11300.00ft: Mud Vis 60.00
11300.00ft: Mud Weight 10.00
11300.00ft: Mud PH 9.50

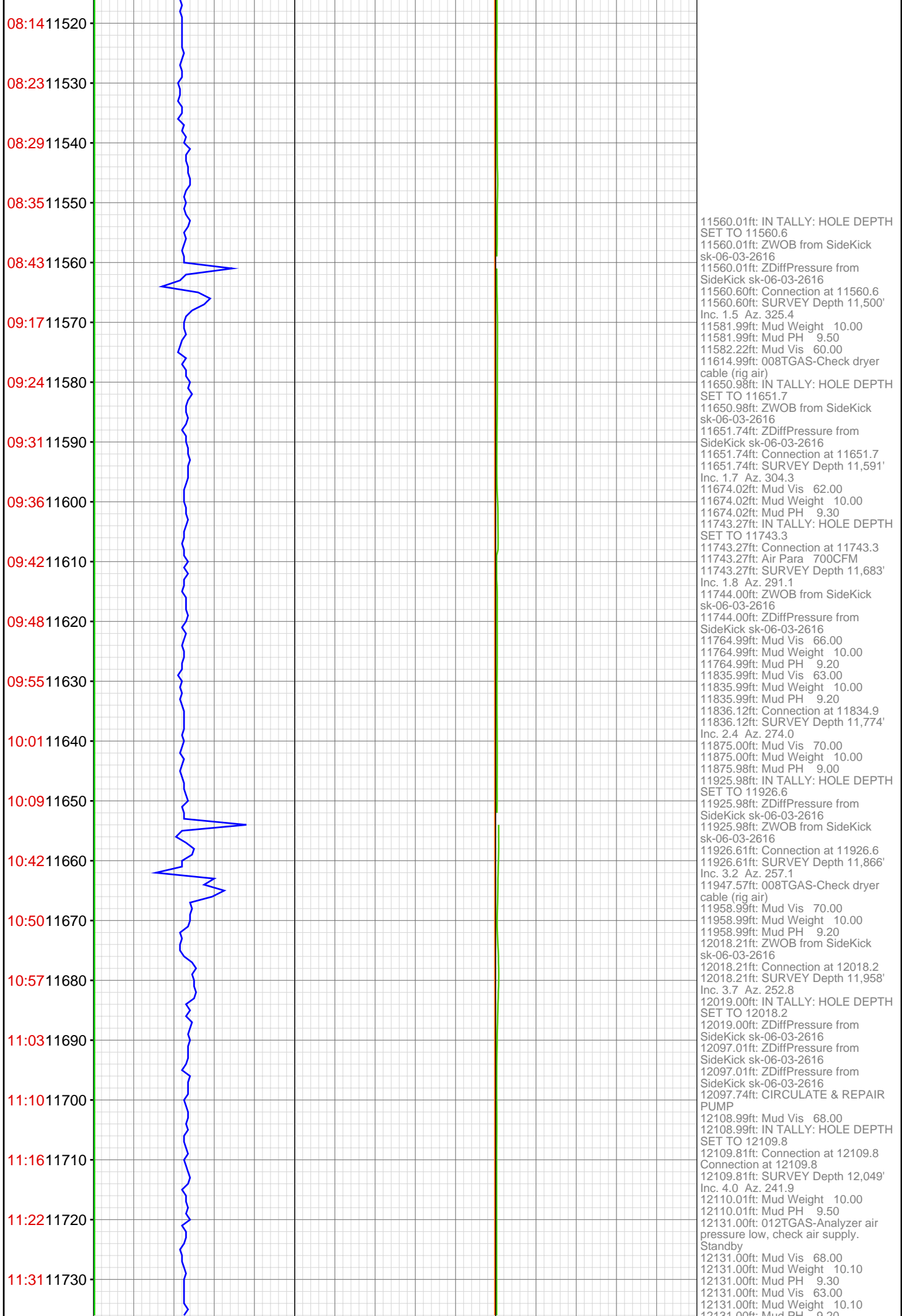
11320.01ft: Mud Vis 60.00
11320.01ft: Mud Weight 10.00
11320.01ft: Mud PH 9.70
11320.01ft: ZDiffPressure from SideKick sk-06-03-2616

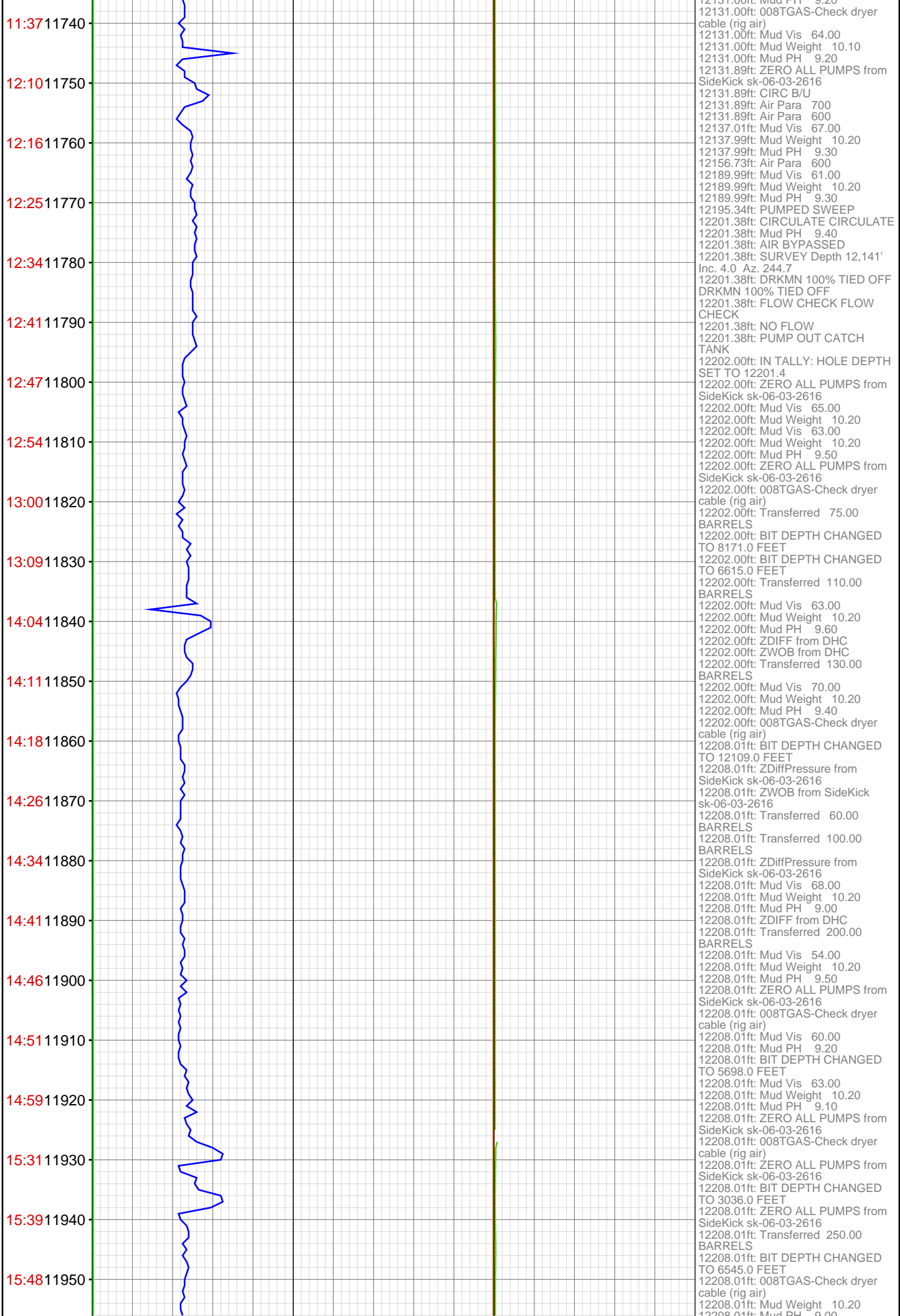
11366.63ft: Air Para 700CFM
11376.94ft: Mud Vis 66.00
11377.00ft: Mud Weight 10.00
11377.33ft: Connection at 11377.3
11377.33ft: SURVEY Depth 11,317'
Inc. 1.6 Az. 336.4
11377.46ft: Mud PH 9.80
11377.99ft: IN TALLY: HOLE DEPTH SET TO 11377.3
11377.99ft: ZDiffPressure from SideKick sk-06-03-2616
11377.99ft: ZWOB from SideKick sk-06-03-2616
11377.99ft: ZWOB from SideKick sk-06-03-2616
11377.99ft: ZDiffPressure from SideKick sk-06-03-2616
11377.99ft: ZDiffPressure from SideKick sk-06-03-2616

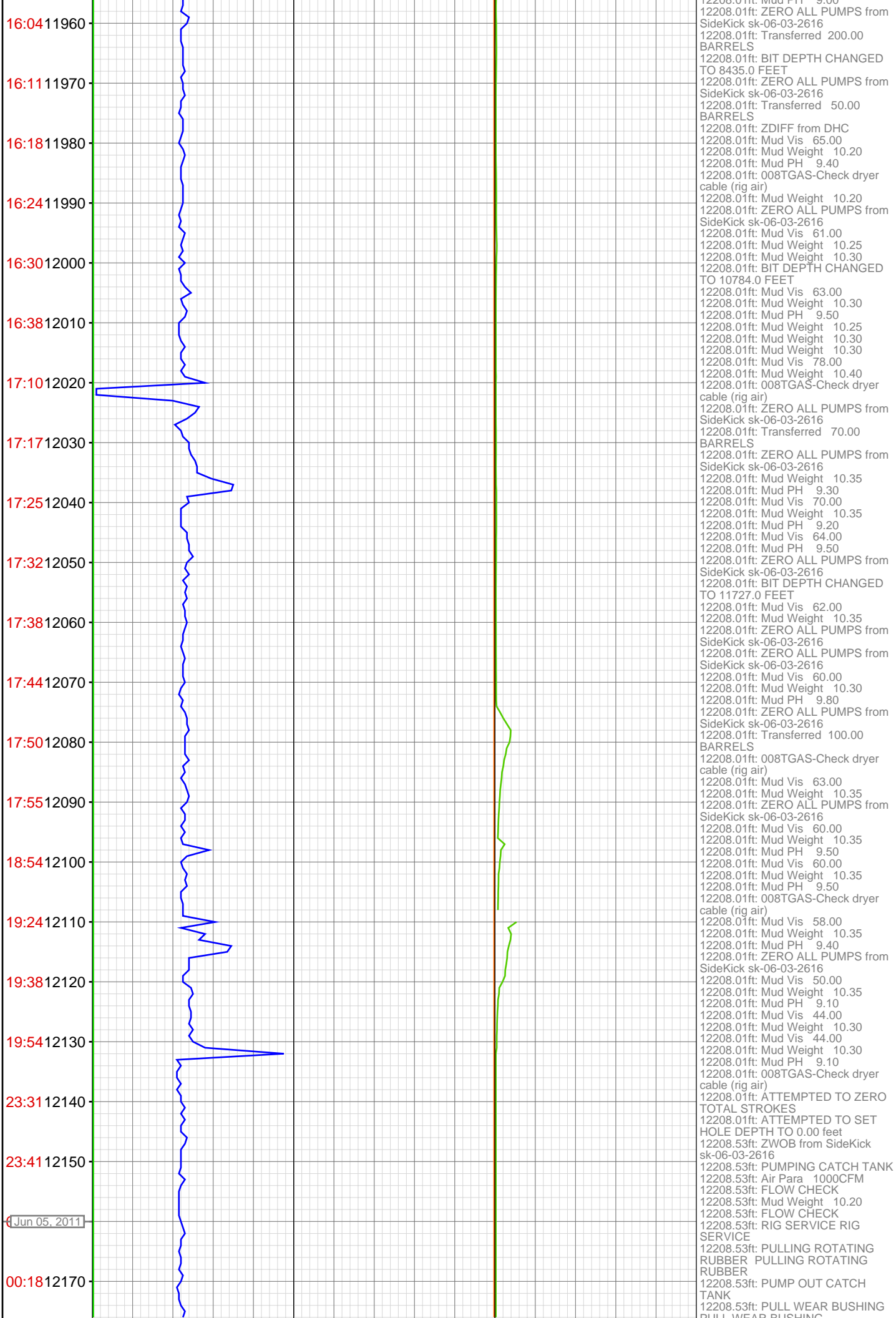
11447.01ft: Mud Vis 64.00
11448.00ft: Mud Weight 10.00
11448.16ft: Mud PH 9.60

11468.01ft: IN TALLY: HOLE DEPTH SET TO 11469.0
11468.01ft: ZDiffPressure from SideKick sk-06-03-2616
11468.01ft: ZWOB from SideKick sk-06-03-2616
11469.00ft: Connection at 11469.0
11469.00ft: SURVEY Depth 11,408'
Inc. 1.7 Az. 334.2

11500.00ft: Mud Weight 10.00
11500.00ft: Mud PH 9.50
11500.33ft: Mud Vis 60.00







00:37 12180
00:53 12190
01:09 12200
12210



FILL WEAR BUSHING
12208.53ft: RIG UP CASING CREW
12208.53ft: FILL PIPE FILL PIPE
12208.53ft: PUMP 100 BBLS
12208.53ft: Mud Vis 65.00
12208.53ft: INSTALL ROT RUBBER
INSTALL ROT RUBBER
12208.53ft: Air Para 1000CFM
12208.53ft: Air Para 700CFM
12208.53ft: PUMPING CELLAR
12208.53ft: Mud Vis 70.00
12208.53ft: Mud PH 9.20
12208.53ft: Mud PH 9.00
12208.53ft: Air Para 500CFM
12208.53ft: Air Para 750CFM
12208.53ft: Mud PH 9.50
12208.53ft: Mud Vis 70.00
12208.53ft: Mud Weight 10.30
12208.53ft: Mud PH 9.60
12208.53ft: OUT VIS 65 WT 10.3+ PH 9.6
12208.53ft: Mud PH 9.10
12208.53ft: PUMPING CATCH TANK