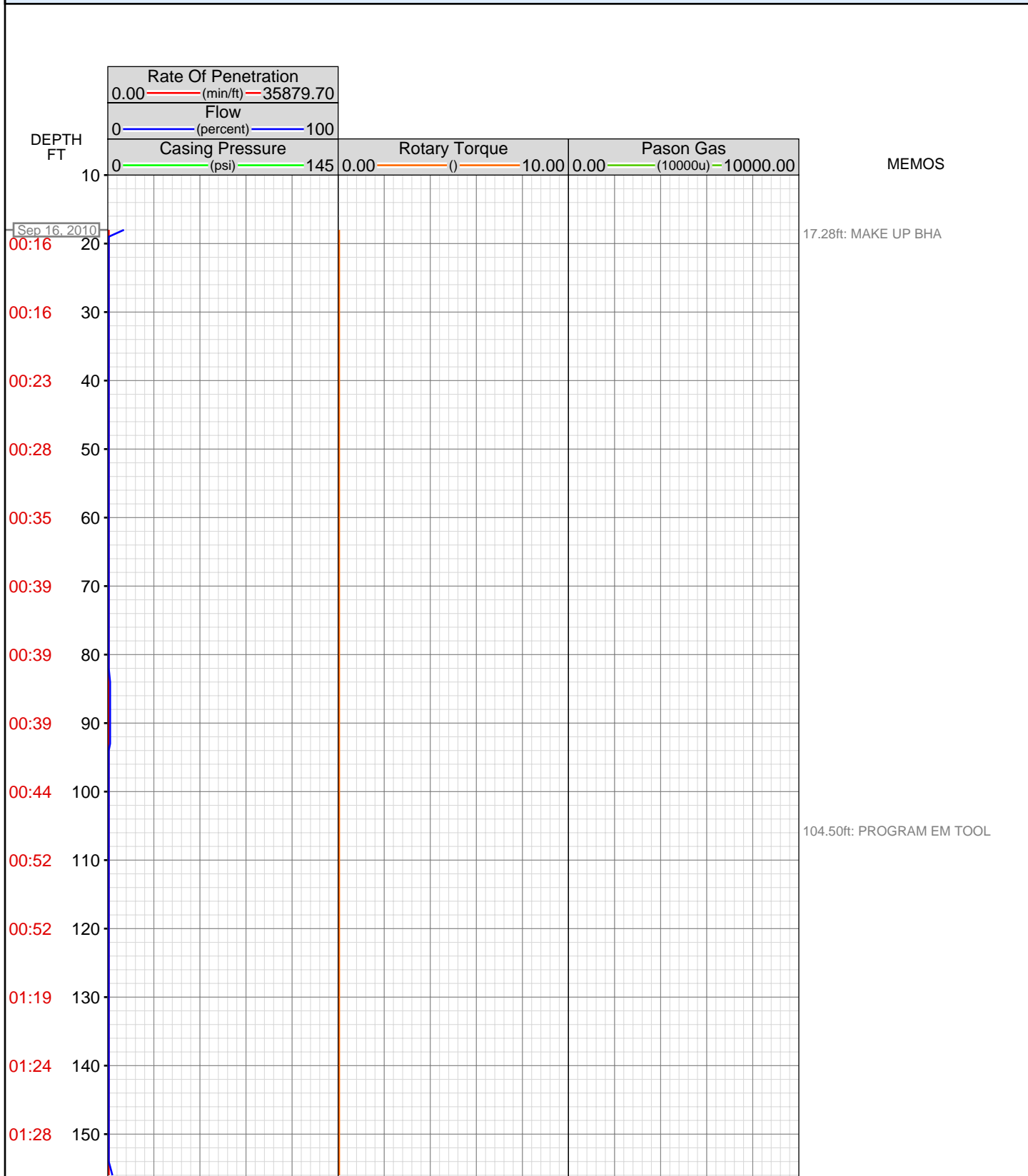


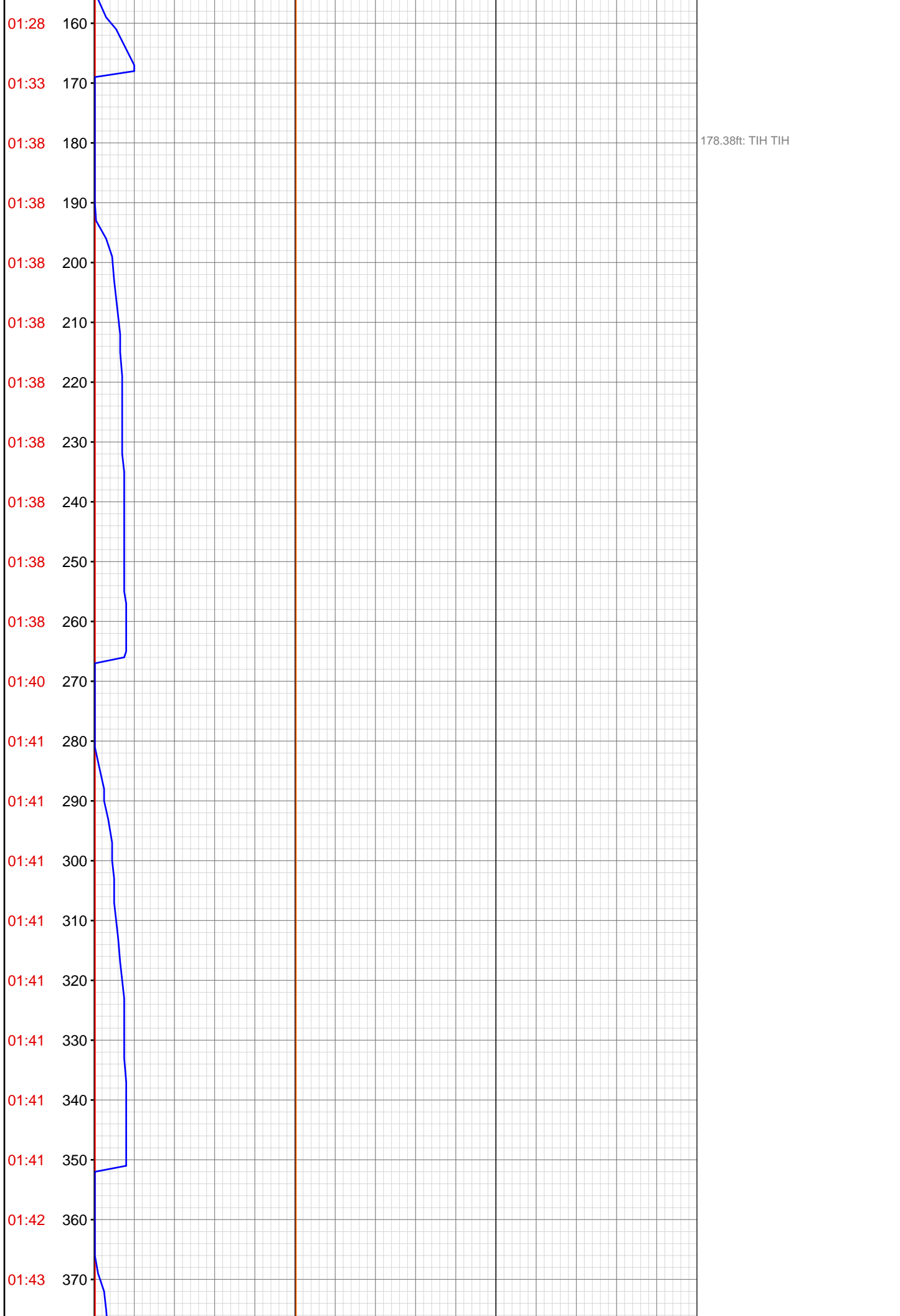
DataHub EDR Log

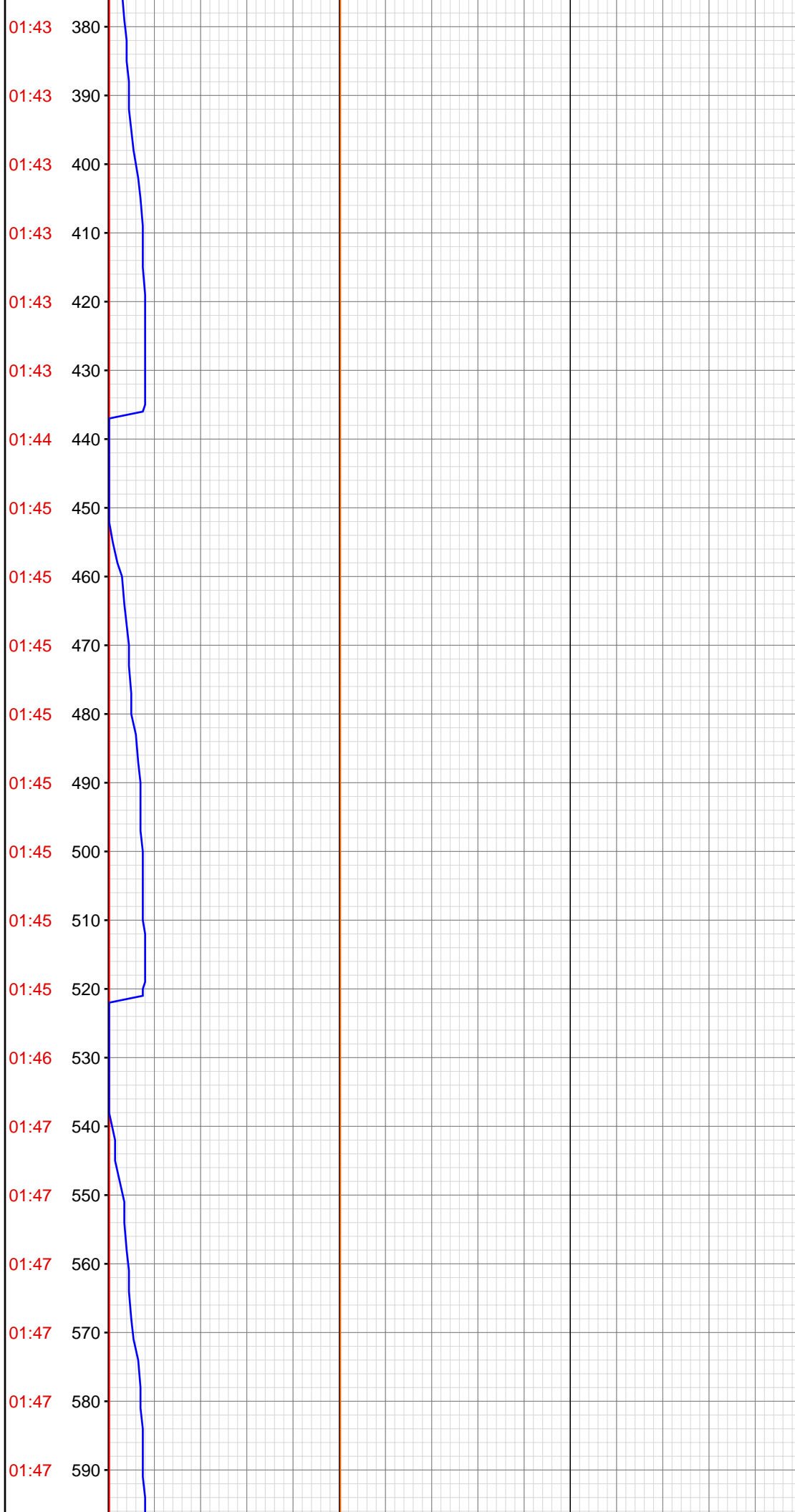
Wed Sep 22, 2010 08:39:00
Well Dossier 1284583529
Marilyn Tucker

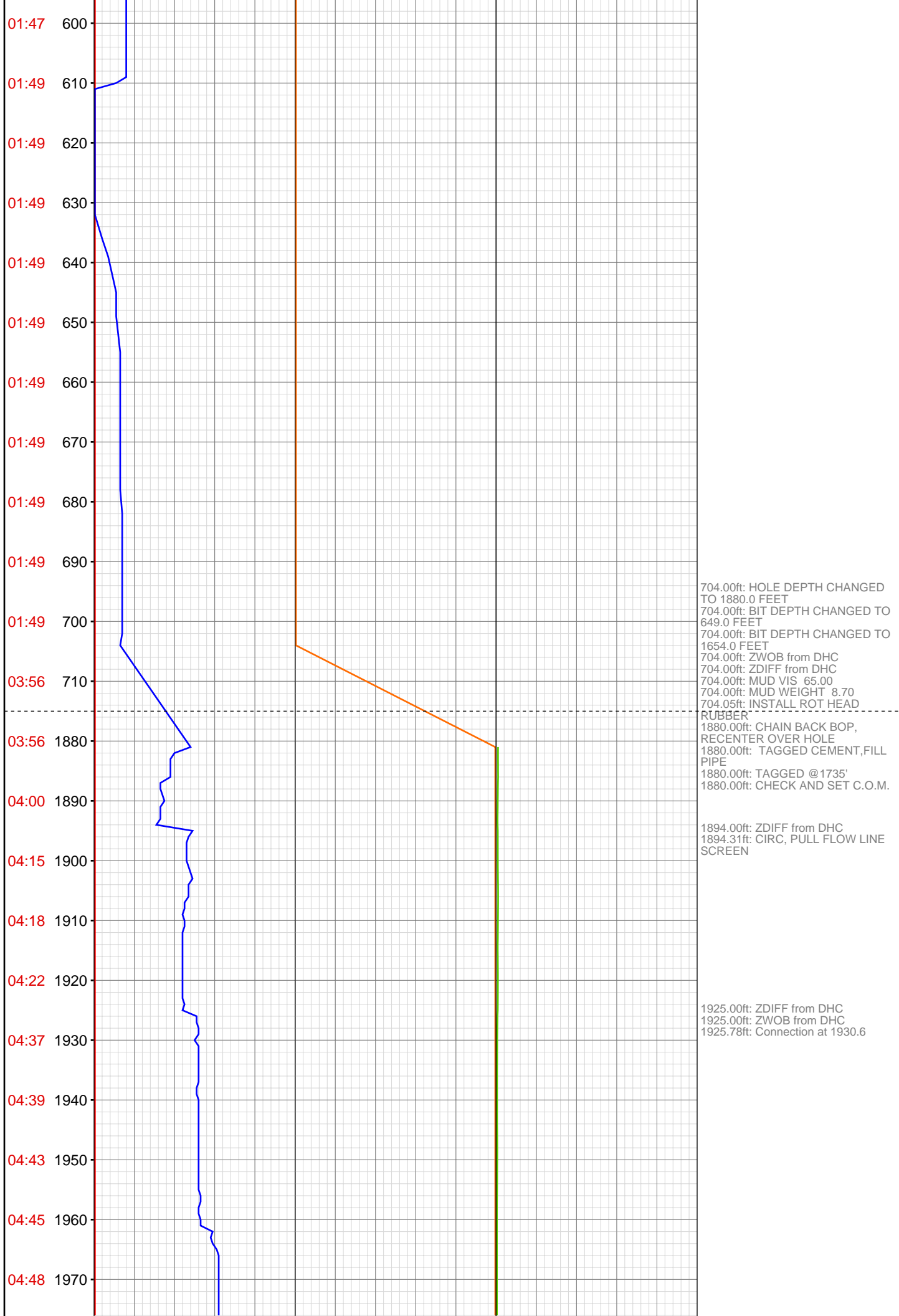
OPERATOR: EnCana Oil & Gas (USA), Inc.
WELL: NPWF04B-22 K22 596
FIELD:
LOCATION: NESW SEC:22 TWP:5S RNG:96W MER:6
COUNTRY: USA
RIG: Pat-UTI 303

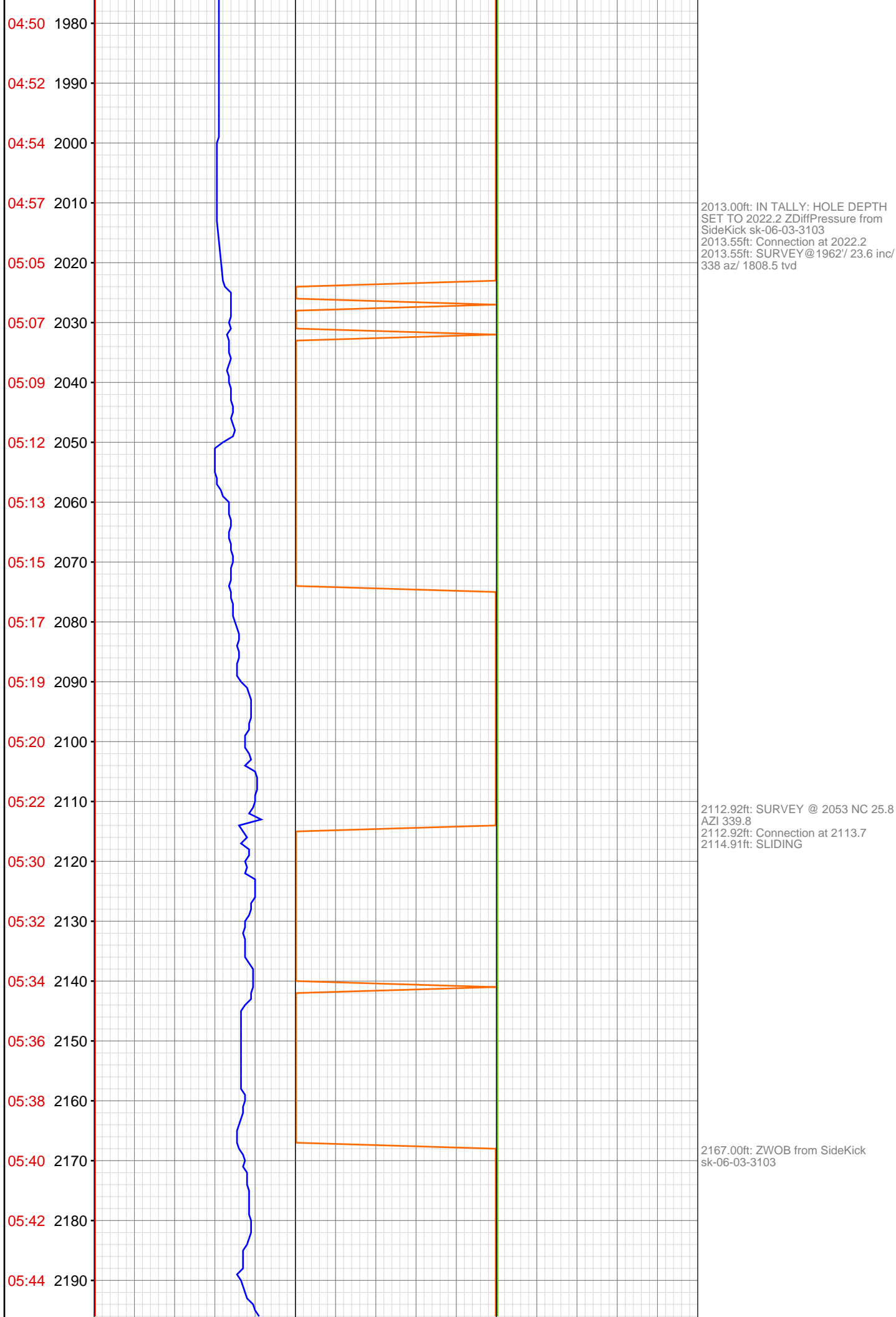
CONTRACTOR: Patterson-UTI Drilling Company
UNIQUE WELL ID: 05 045 18861 00
SPUD DATE: Sep 16, 2010 04:00
RELEASE DATE: Sep 21, 2010 12:00

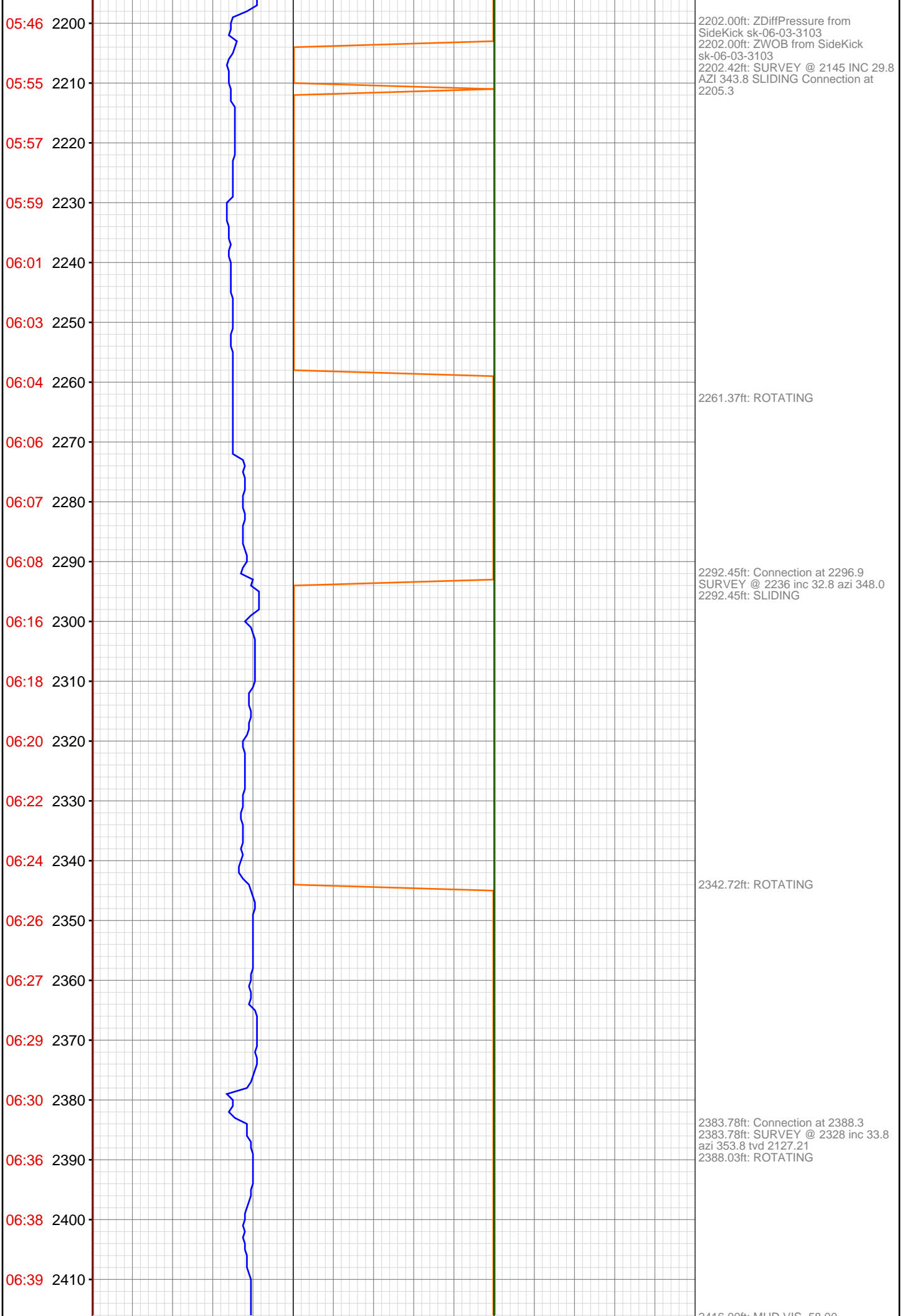












06:41 2420

06:43 2430

06:44 2440

06:46 2450

06:48 2460

06:50 2470

06:54 2480

06:56 2490

06:58 2500

07:00 2510

07:02 2520

07:05 2530

07:06 2540

07:08 2550

07:10 2560

07:12 2570

07:22 2580

07:24 2590

07:27 2600

07:29 2610

07:31 2620

07:33 2630



2416.00ft: MUD VIS 38.00
2416.00ft: MUD WEIGHT 8.80

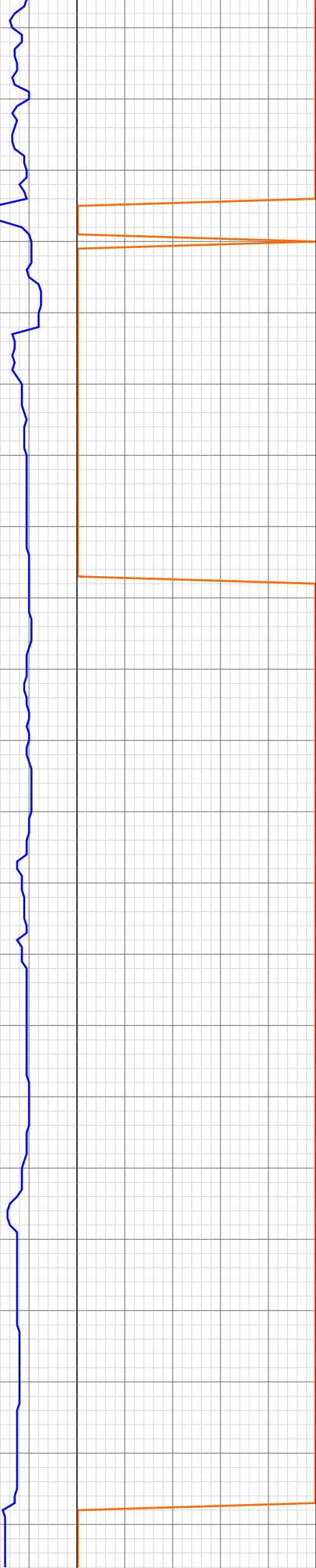
2469.19ft: SURVEY @ 2419 INC 32.9
AZI 354.8 TVD 2203.22
2472.00ft: IN TALLY: HOLE DEPTH
SET TO 2479.8

2479.90ft: Connection at 2479.8

2487.27ft: ROTATING

2571.96ft: Connection at 2571.2
2571.96ft: SURVEY @ 2511 INC 31.3
AZI 354.8 SLIDING

07:35 2640
07:37 2650
07:39 2660
07:45 2670
07:48 2680
07:51 2690
07:53 2700
07:55 2710
07:57 2720
07:59 2730
08:00 2740
08:02 2750
08:07 2760
08:08 2770
08:10 2780
08:12 2790
08:13 2800
08:15 2810
08:17 2820
08:18 2830
08:20 2840
08:26 2850



2655.50ft: ROTATING

2663.54ft: Connection at 2662.6
2663.54ft: SURVEY @ 2602 INC 32.6
AZI 351.4 SLIDING

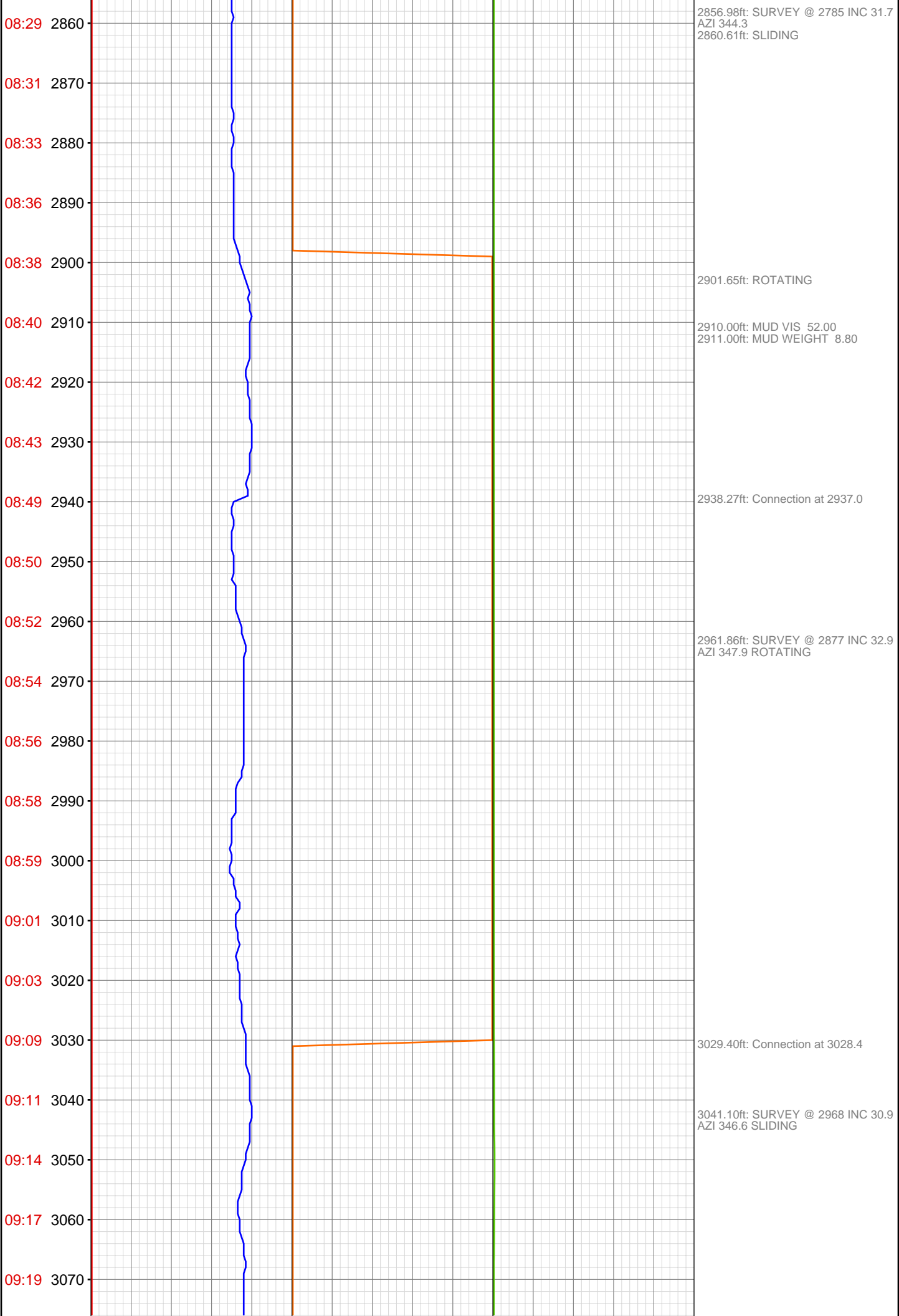
2723.52ft: ROTATING

2750.56ft: ROTATING

2755.88ft: Connection at 2754.1

2760.32ft: SURVEY @ 2694 INC 33.5
AZI 245.1 TVD 2435.51

2846.01ft: Connection at 2845.5



09:21 3080
09:23 3090
09:25 3100
09:26 3110
09:28 3120
09:33 3130
09:35 3140
09:37 3150
09:39 3160
09:41 3170
09:43 3180
09:45 3190
09:47 3200
09:49 3210
09:55 3220
09:56 3230
09:57 3240
09:59 3250
10:00 3260
10:02 3270
10:03 3280
10:05 3290

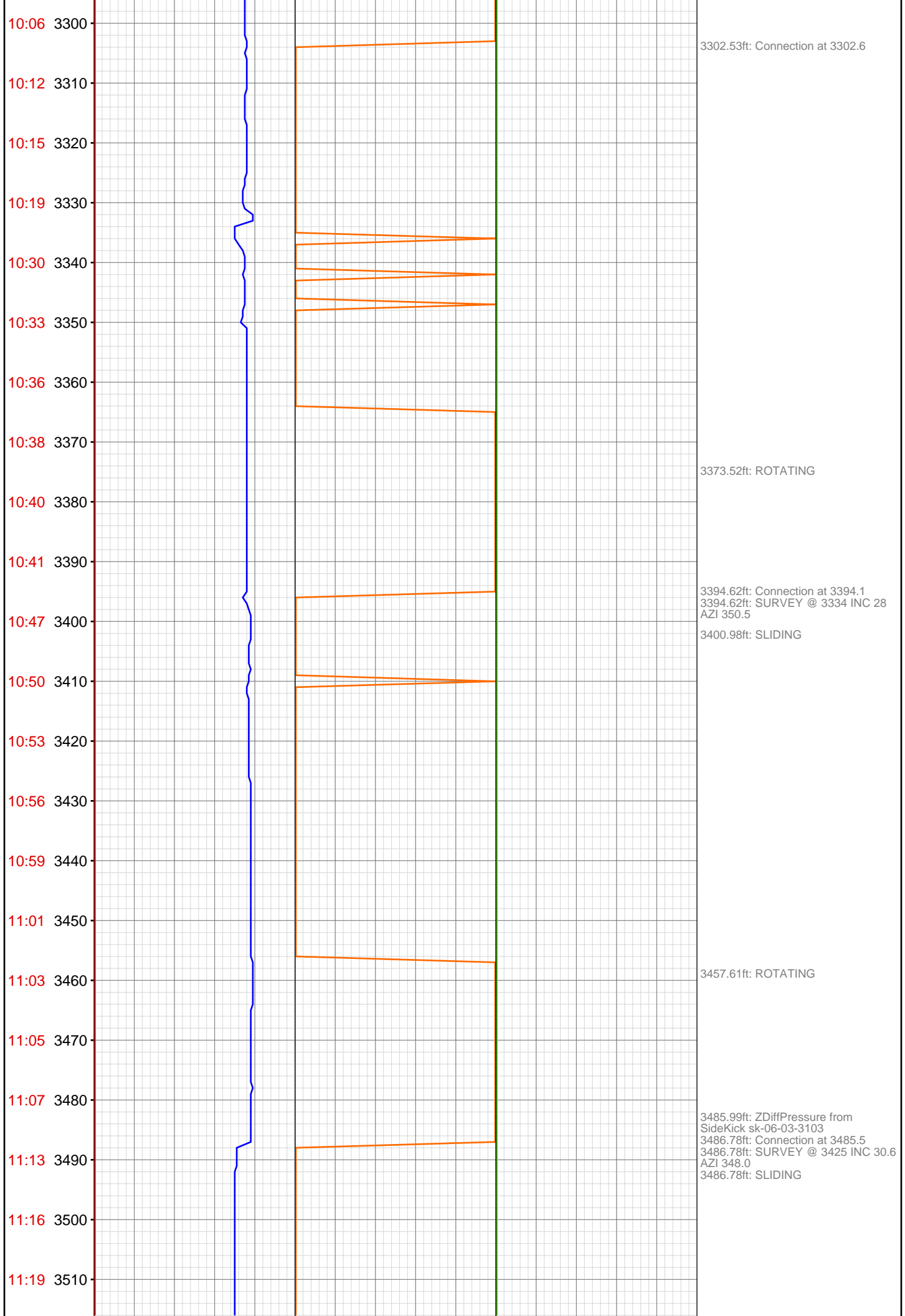


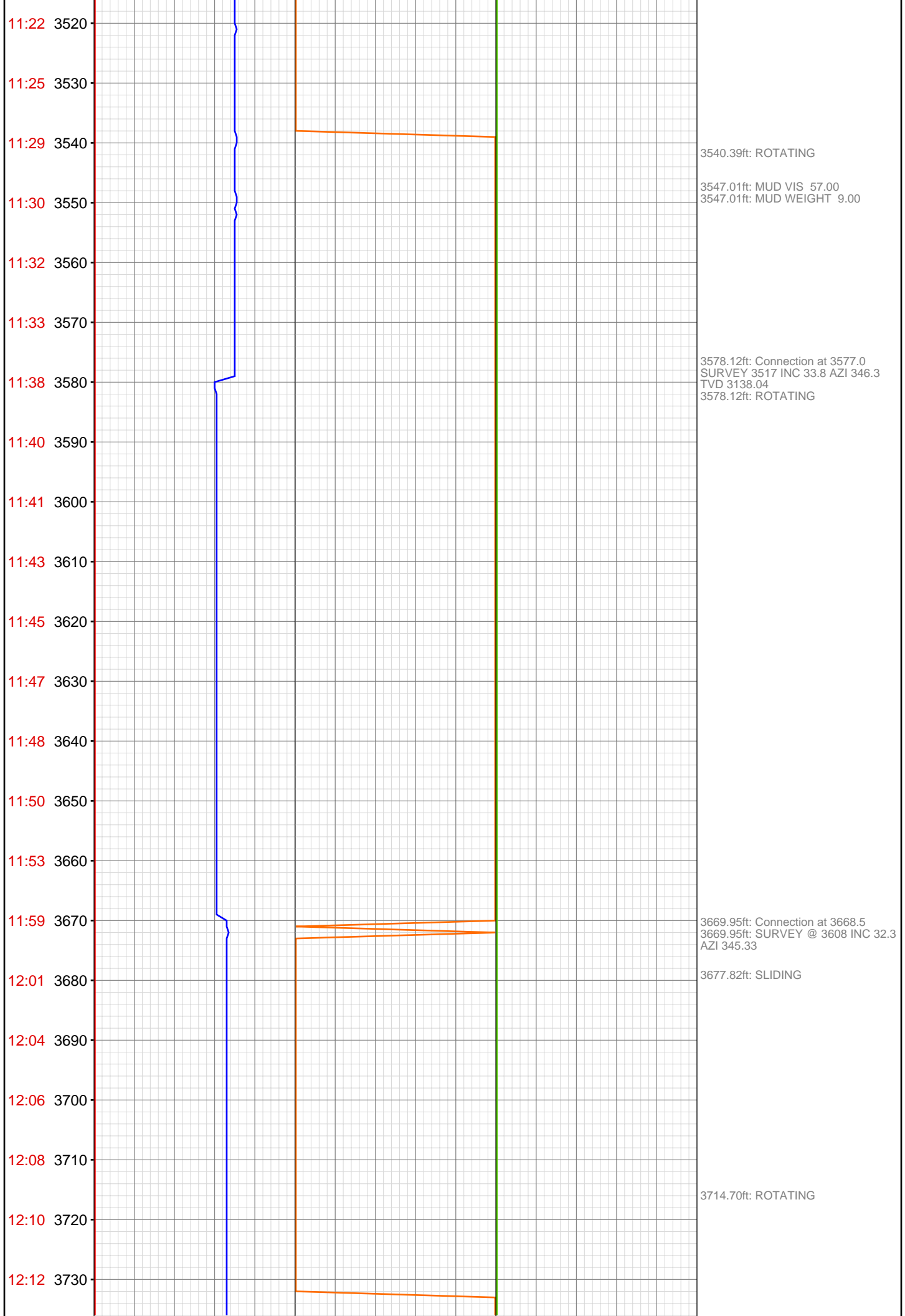
3081.51ft: ROTATING

3120.59ft: Connection at 3119.7
3120.59ft: SURVEY @ 3059 INC 33.5
AZI 348.5 TVD 2744.19
3124.83ft: ROTATING

3211.00ft: ZDIFF from DHC
3211.72ft: SURVEY @ 3151 INC 31.4
AZI 348.6 TVD 2821.82
3211.72ft: ROTATING Connection at 3211.0

3274.00ft: MUD VIS 55.00
3275.50ft: MUD WEIGHT 8.90





12:14 3740
12:15 3750
12:17 3760
12:22 3770
12:25 3780
12:26 3790
12:28 3800
12:29 3810
12:32 3820
12:34 3830
12:36 3840
12:38 3850
12:47 3860
12:51 3870
12:56 3880
13:01 3890
13:05 3900
13:09 3910
13:12 3920
13:14 3930
13:15 3940
13:25 3950



3761.88ft: Connection at 3759.9
3765.12ft: ROTATING

3774.02ft: 021TGAS 03090394
SW0.27 HW25.00 - 168 days on

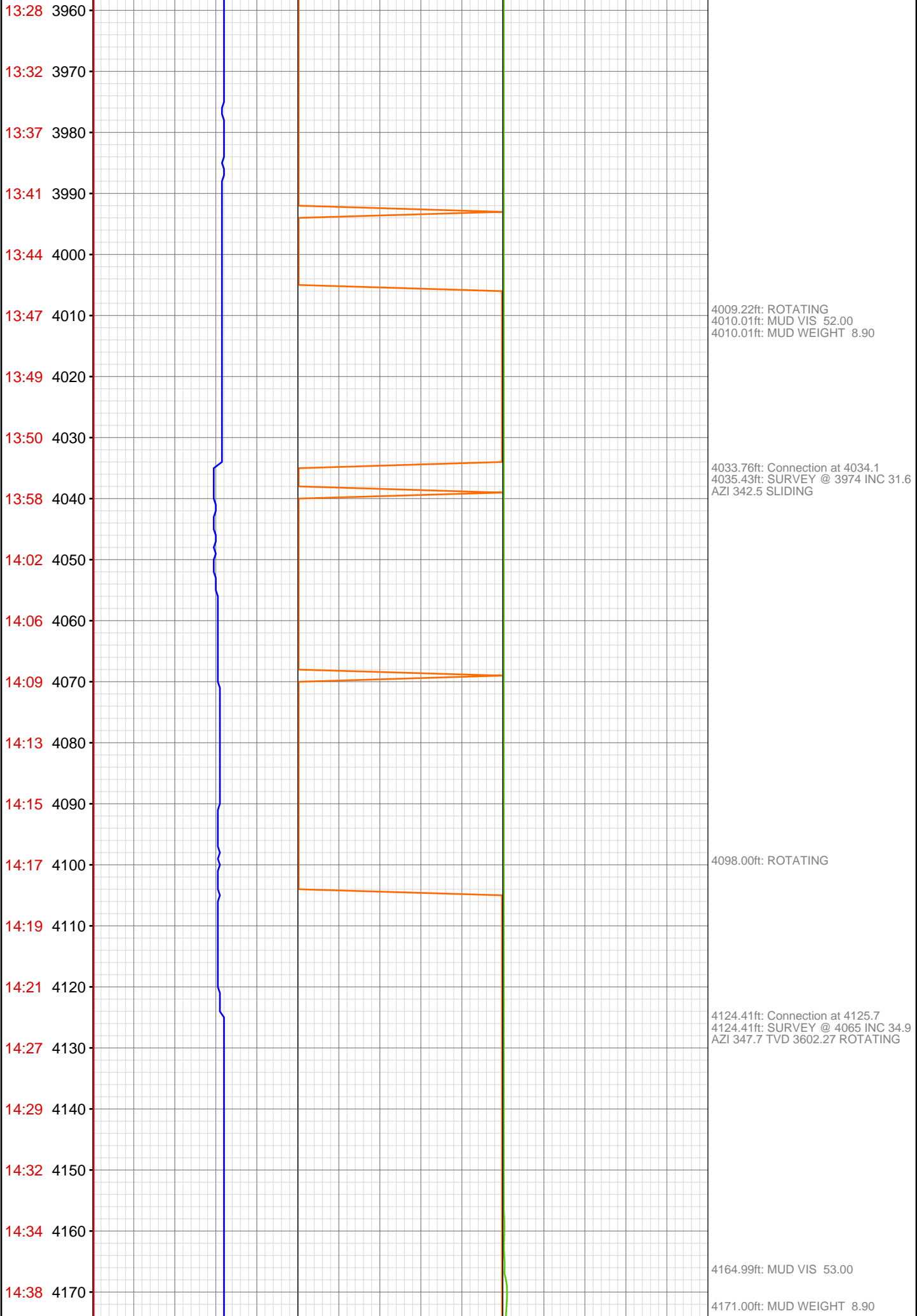
3792.91ft: SURVEY @ 3699 INC 32.1
AZI 345.6 TVD 3291

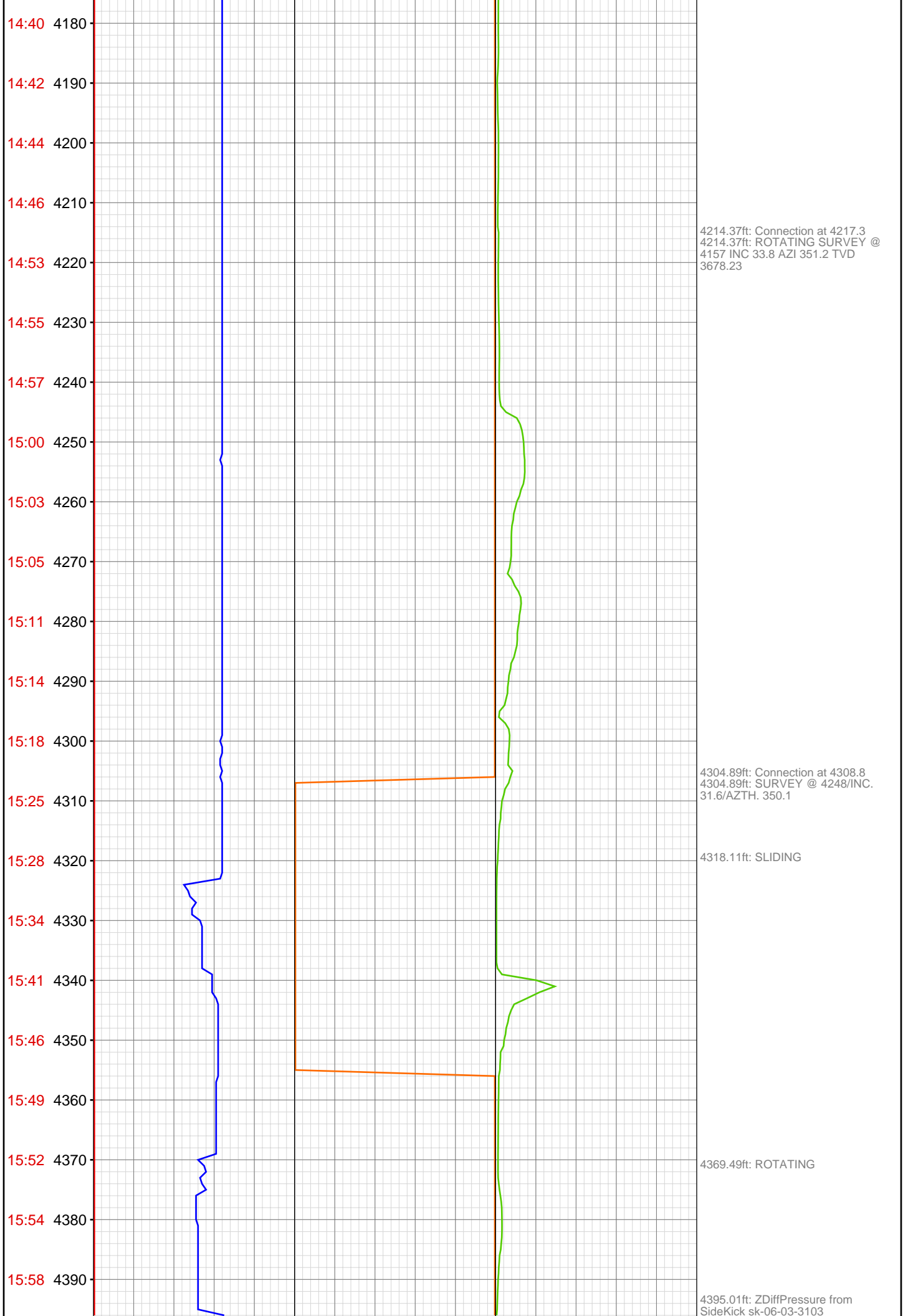
3854.00ft: ZDiffPressure from
SideKick sk-06-03-3103
3854.76ft: Connection at 3851.2
3854.76ft: SURVEY @ 3791 INC 30.1
AZI 344.0
3857.84ft: SLIDING

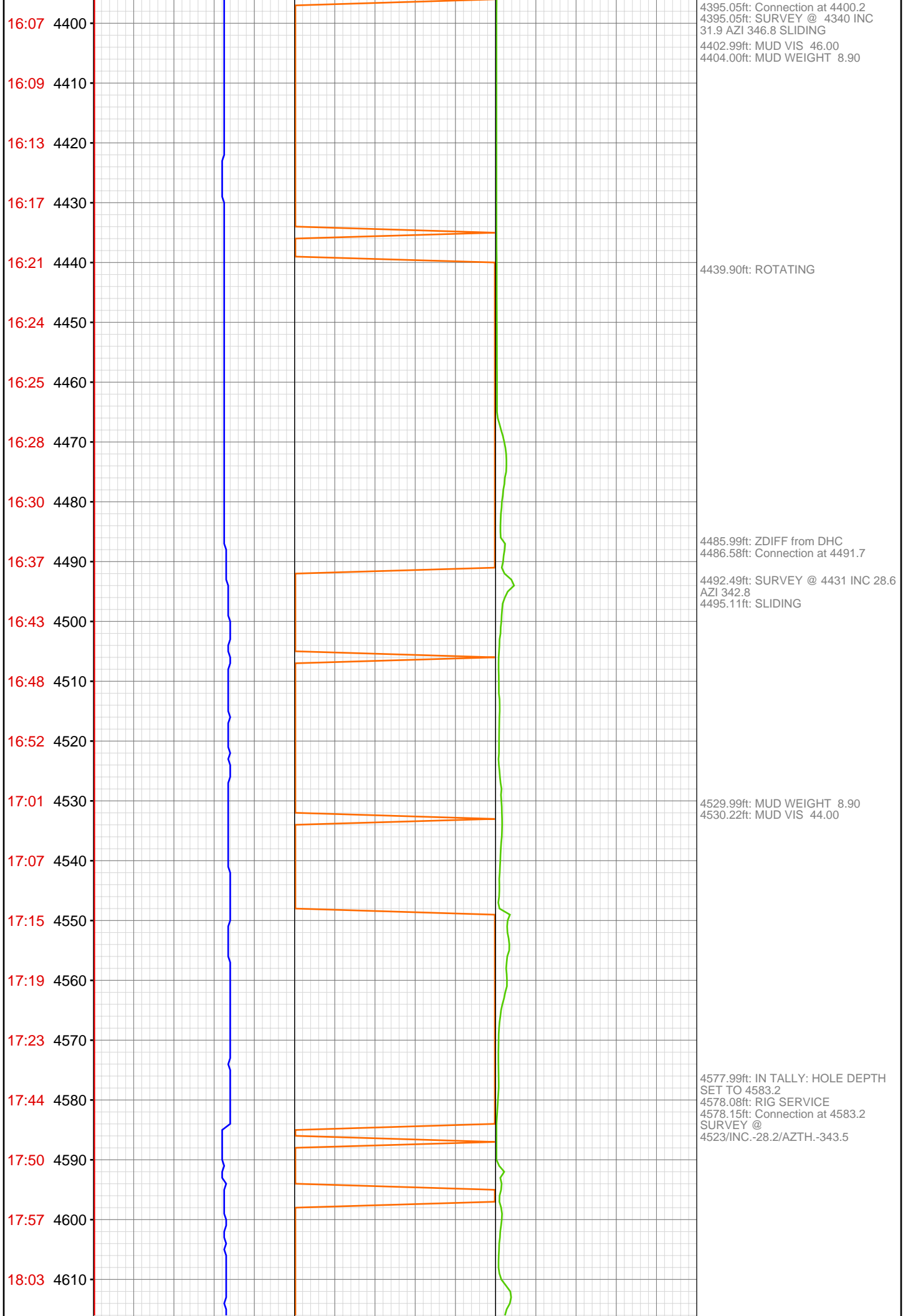
3904.99ft: MUD VIS 52.00
3904.99ft: MUD WEIGHT 8.90

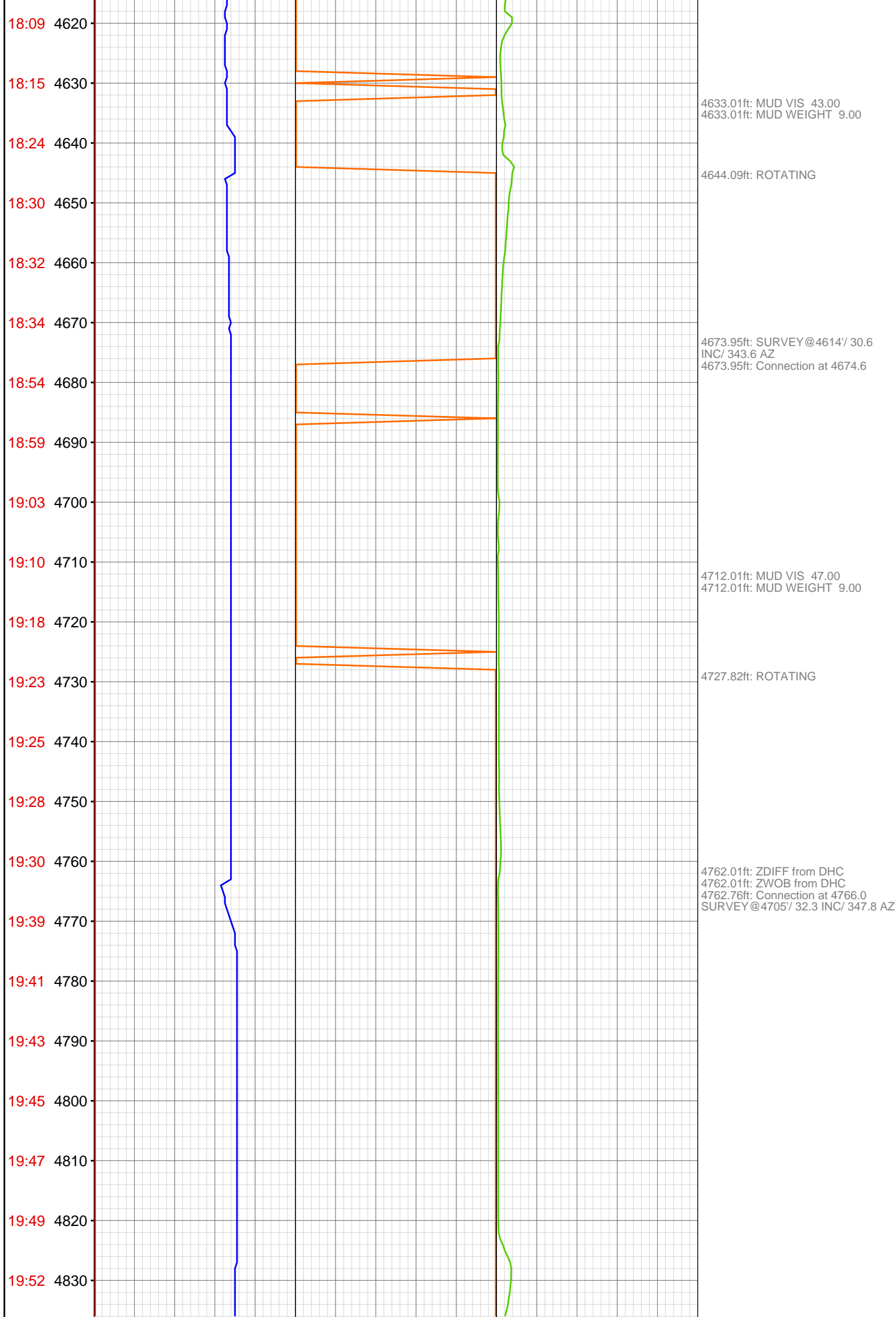
3918.31ft: ROTATING

3942.65ft: SURVEY @ 3882 INC 32.1
AZI 341.2 SLIDING
3942.65ft: Connection at 3942.7
3945.01ft: IN TALLY: HOLE DEPTH
SET TO 3942.7













22:14 5280
22:16 5290
22:18 5300
22:20 5310
22:30 5320
22:32 5330
22:34 5340
22:35 5350
22:37 5360
22:39 5370
22:41 5380
22:43 5390
22:44 5400
23:03 5410
23:11 5420
23:20 5430
23:28 5440
23:37 5450
23:39 5460
23:41 5470
23:43 5480
23:45 5490

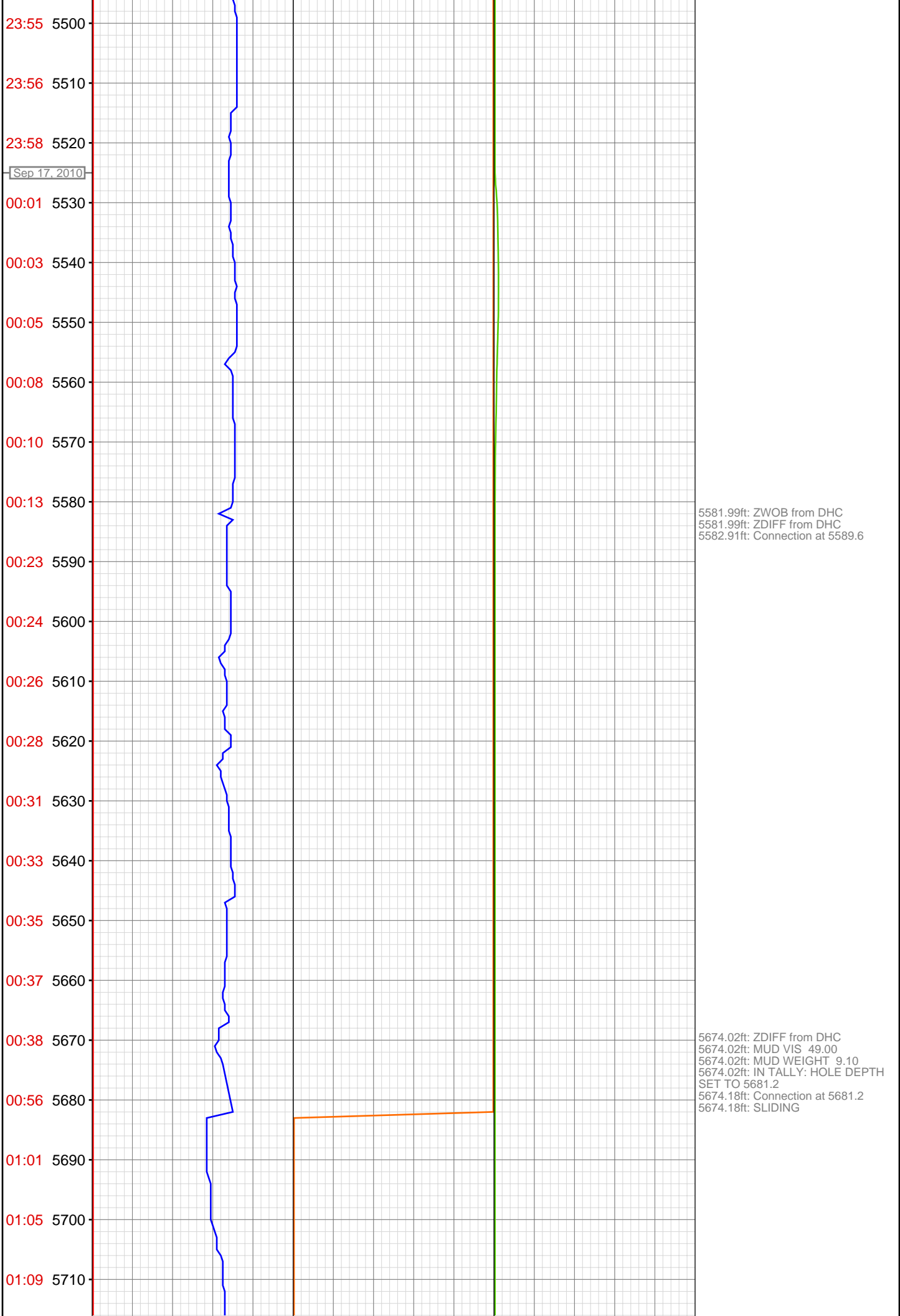
5312.99ft: ZDIFF from DHC
5312.99ft: ZWOB from DHC
5313.03ft: Connection at 5315.1
5313.03ft: SURVEY@5255'/ 18.7
INC/ 345.3 AZ/ 4642.9 TVD

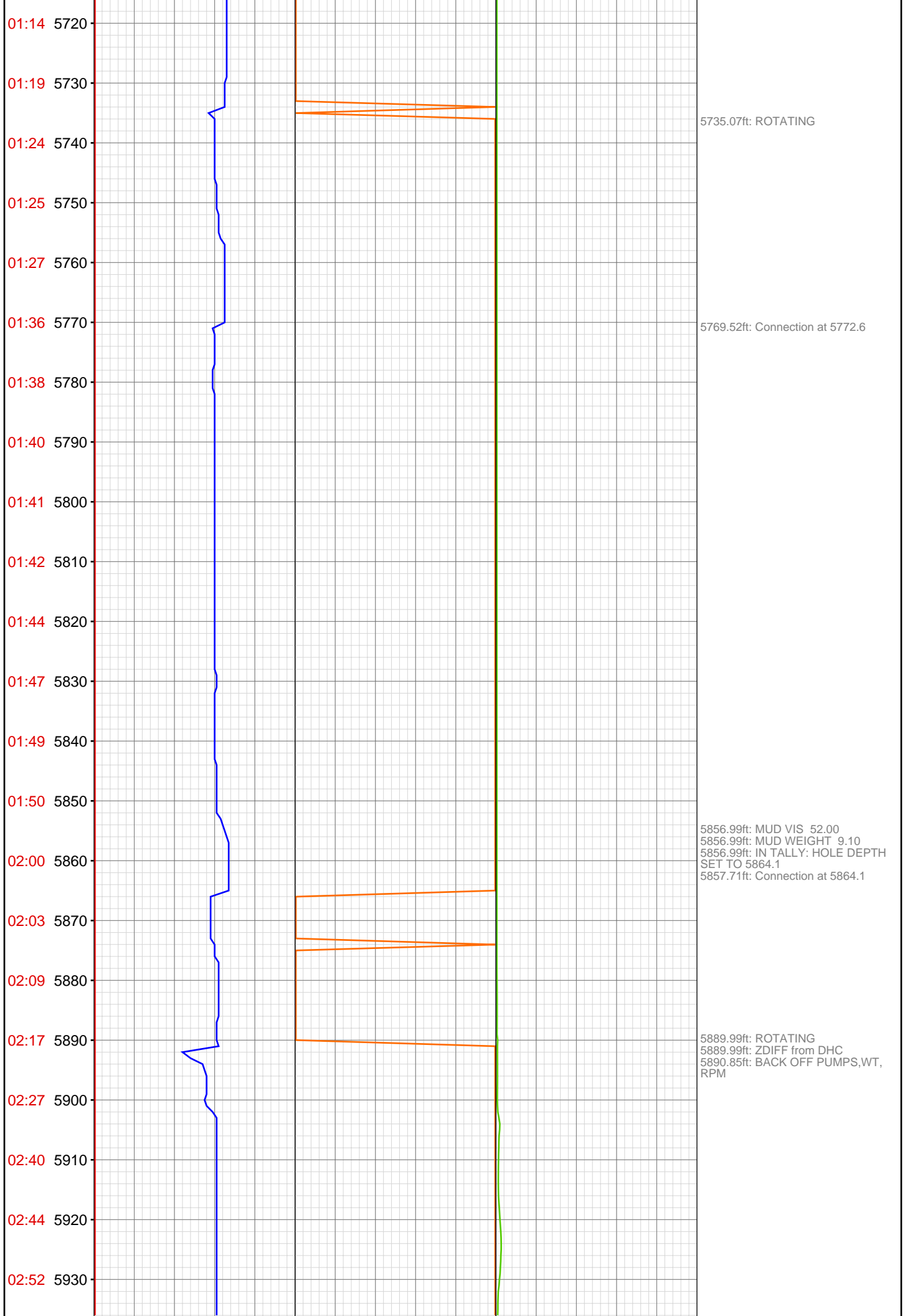
5324.02ft: MUD VIS 45.00
5325.00ft: MUD WEIGHT 9.00

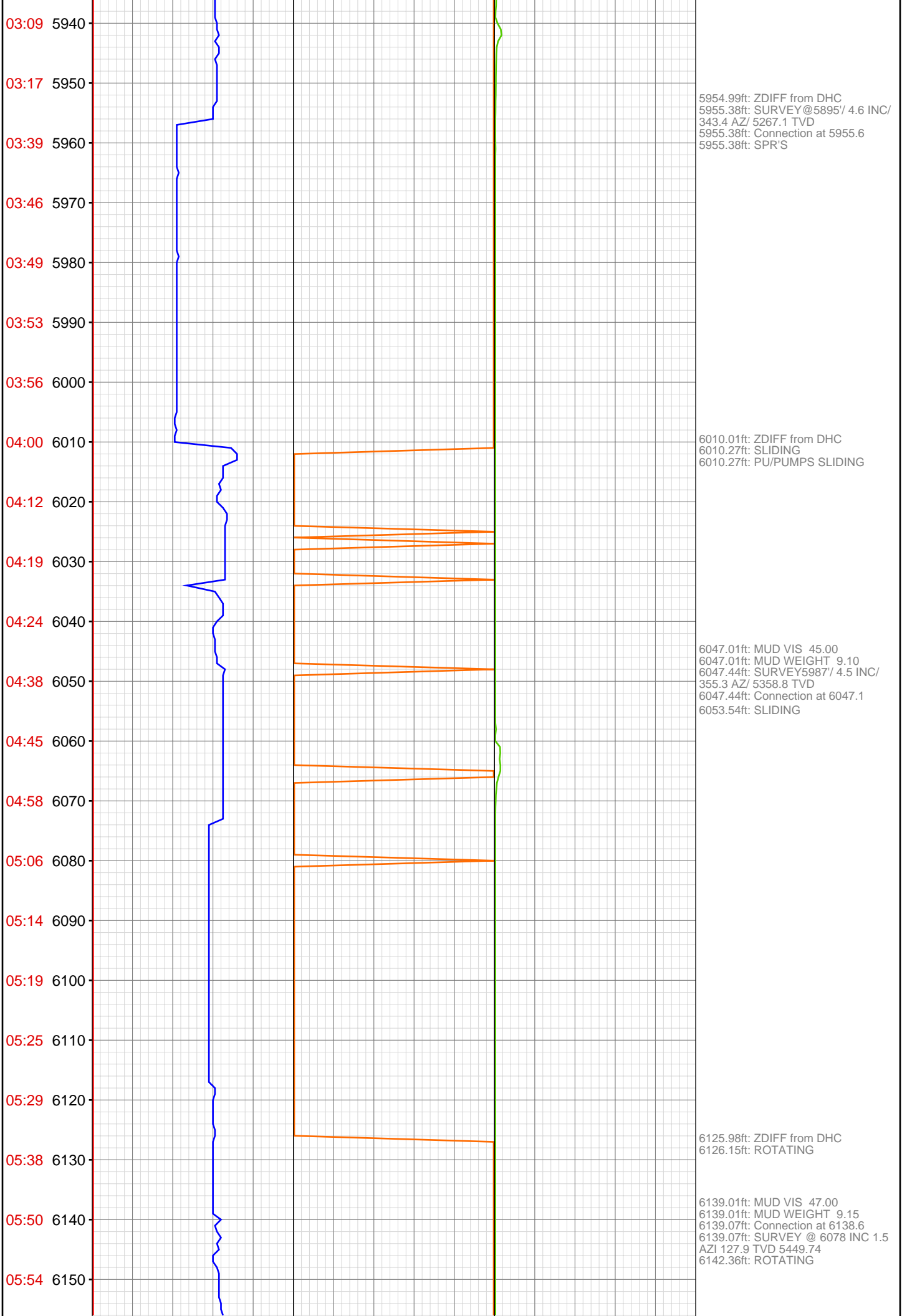
5404.99ft: PVT Horn Enabled
5404.99ft: ZDIFF from DHC
5405.12ft: PVT Horn Disabled
5405.12ft: Connection at 5406.6
5405.12ft: SLIDING
5406.46ft: BUILD VOLUME

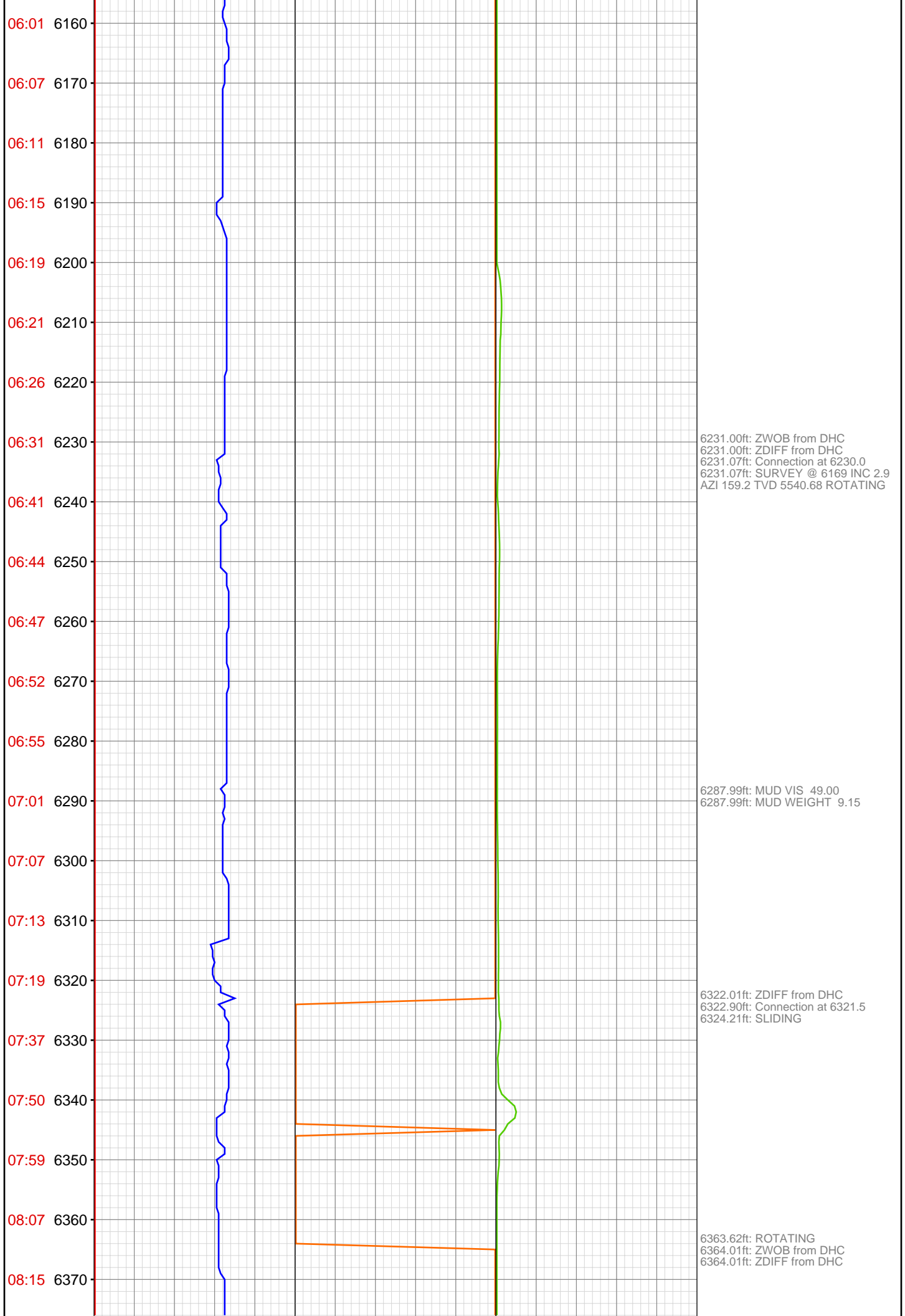
5456.66ft: ROTATING

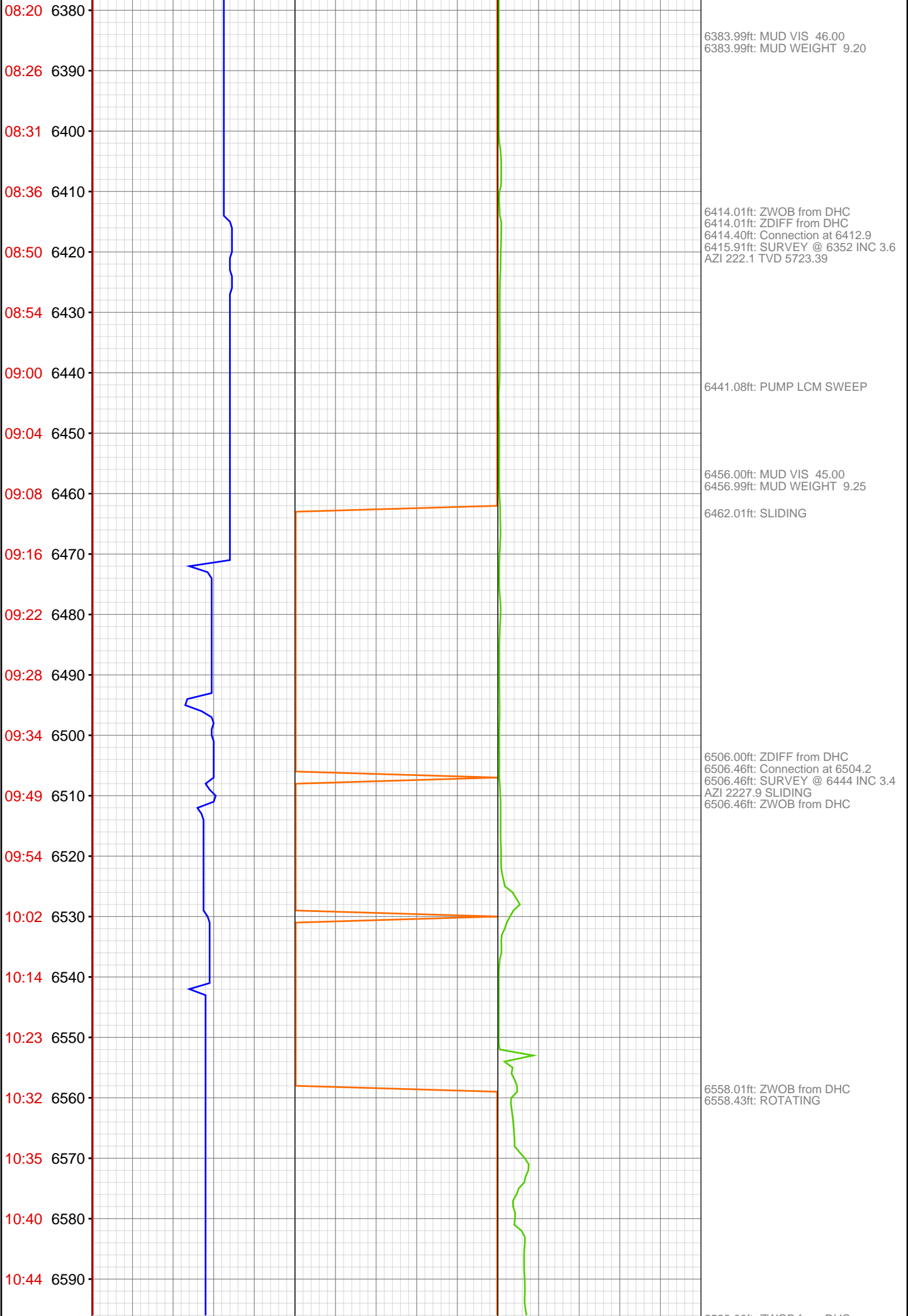
5492.88ft: Connection at 5498.1

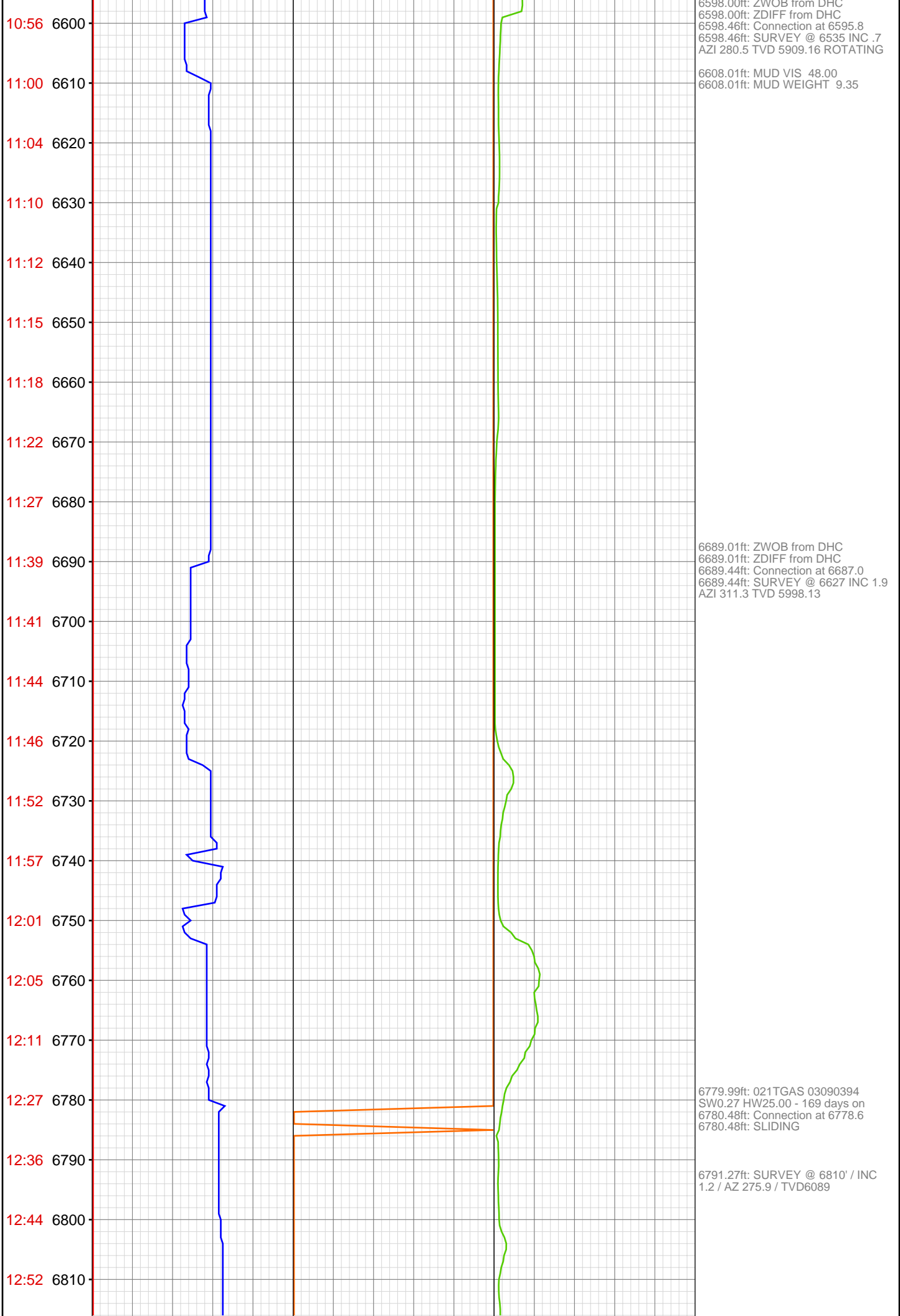


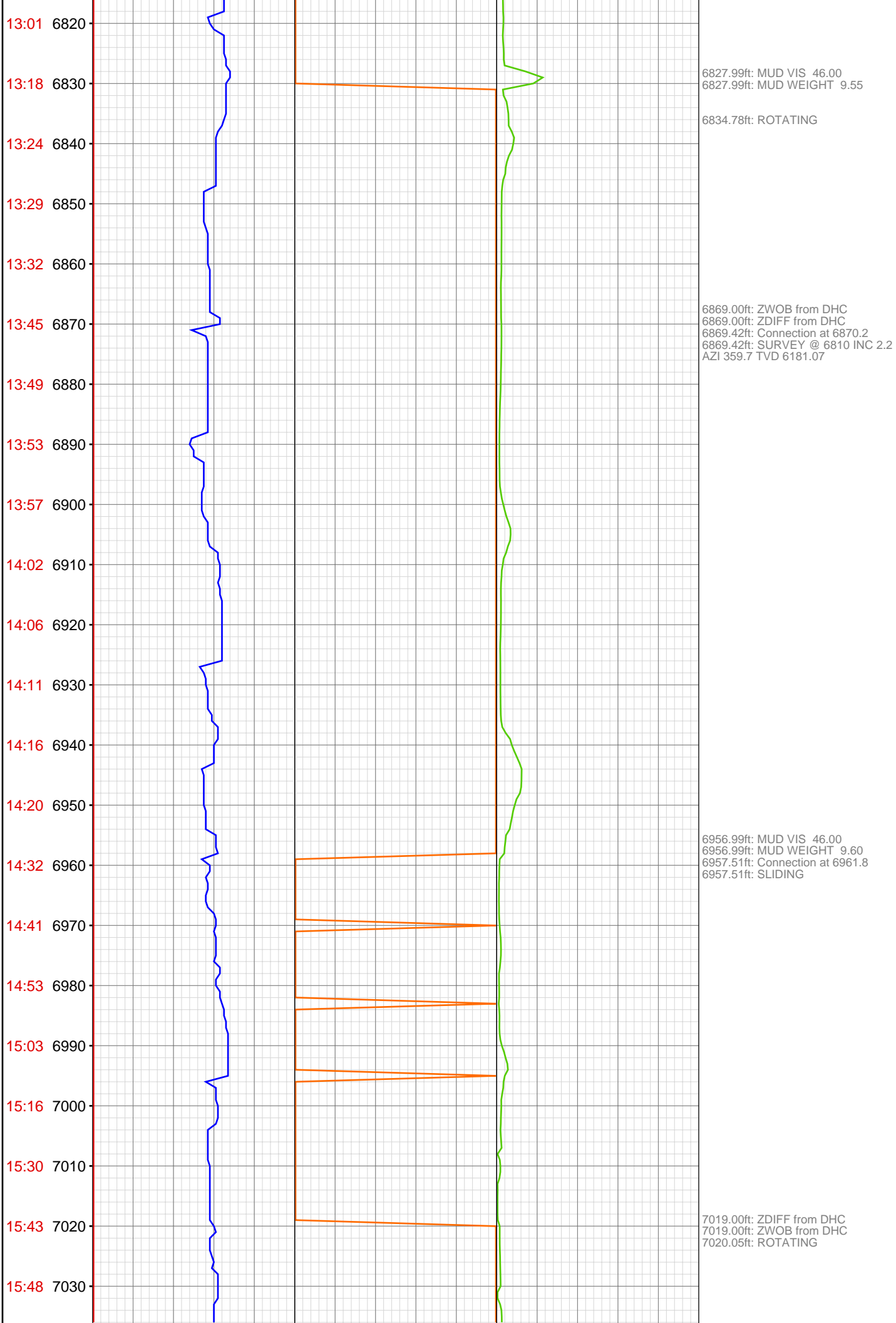


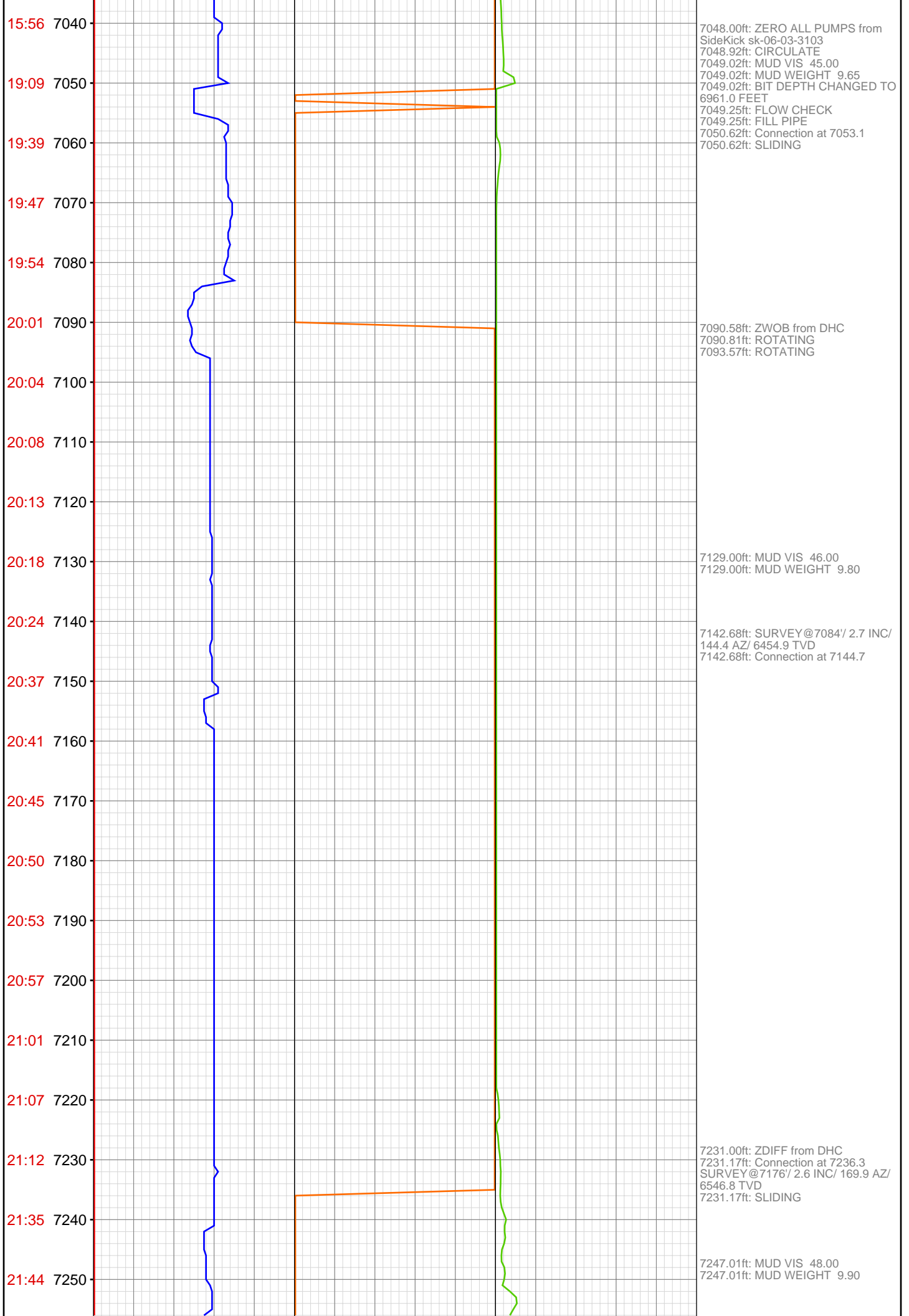


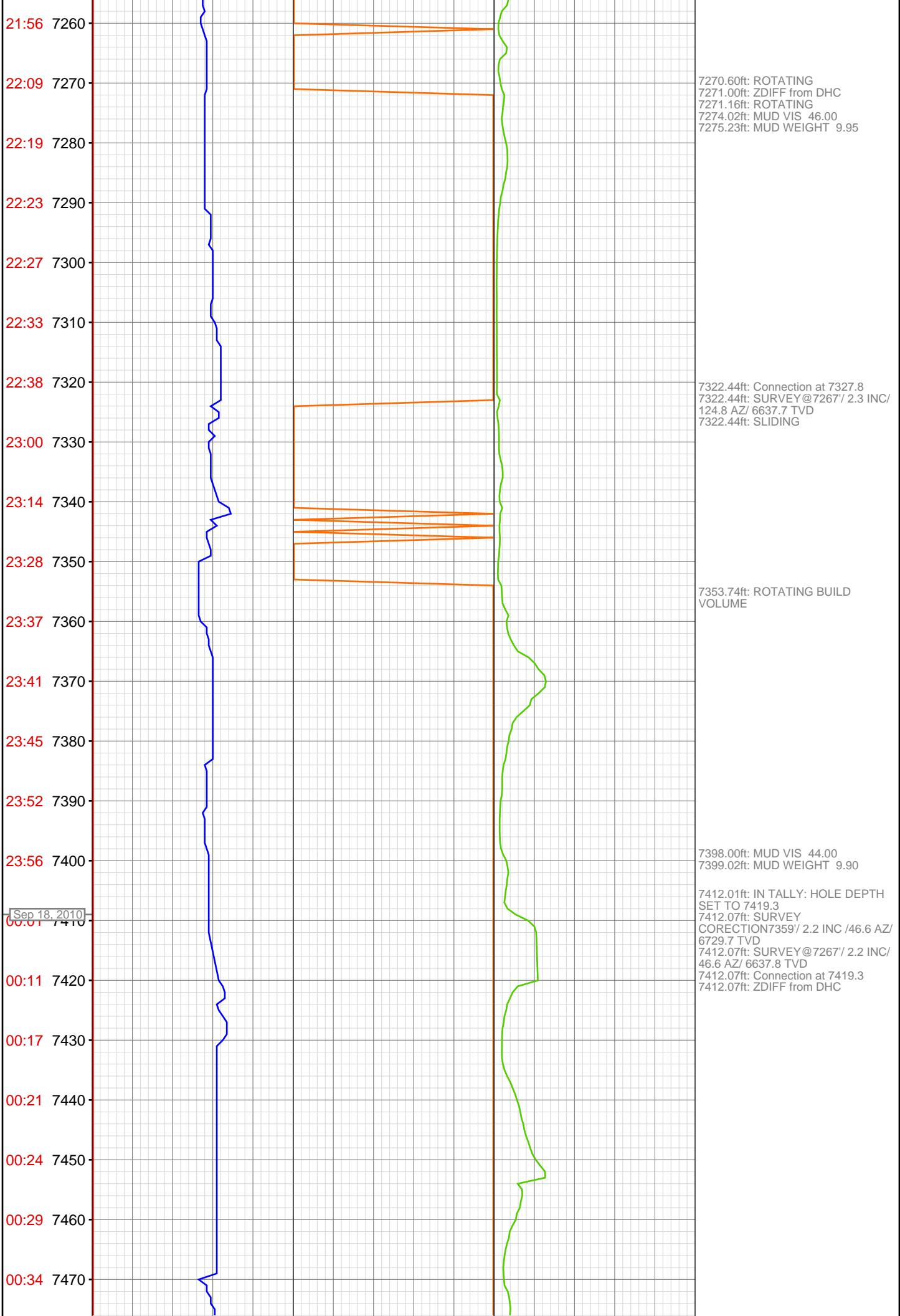


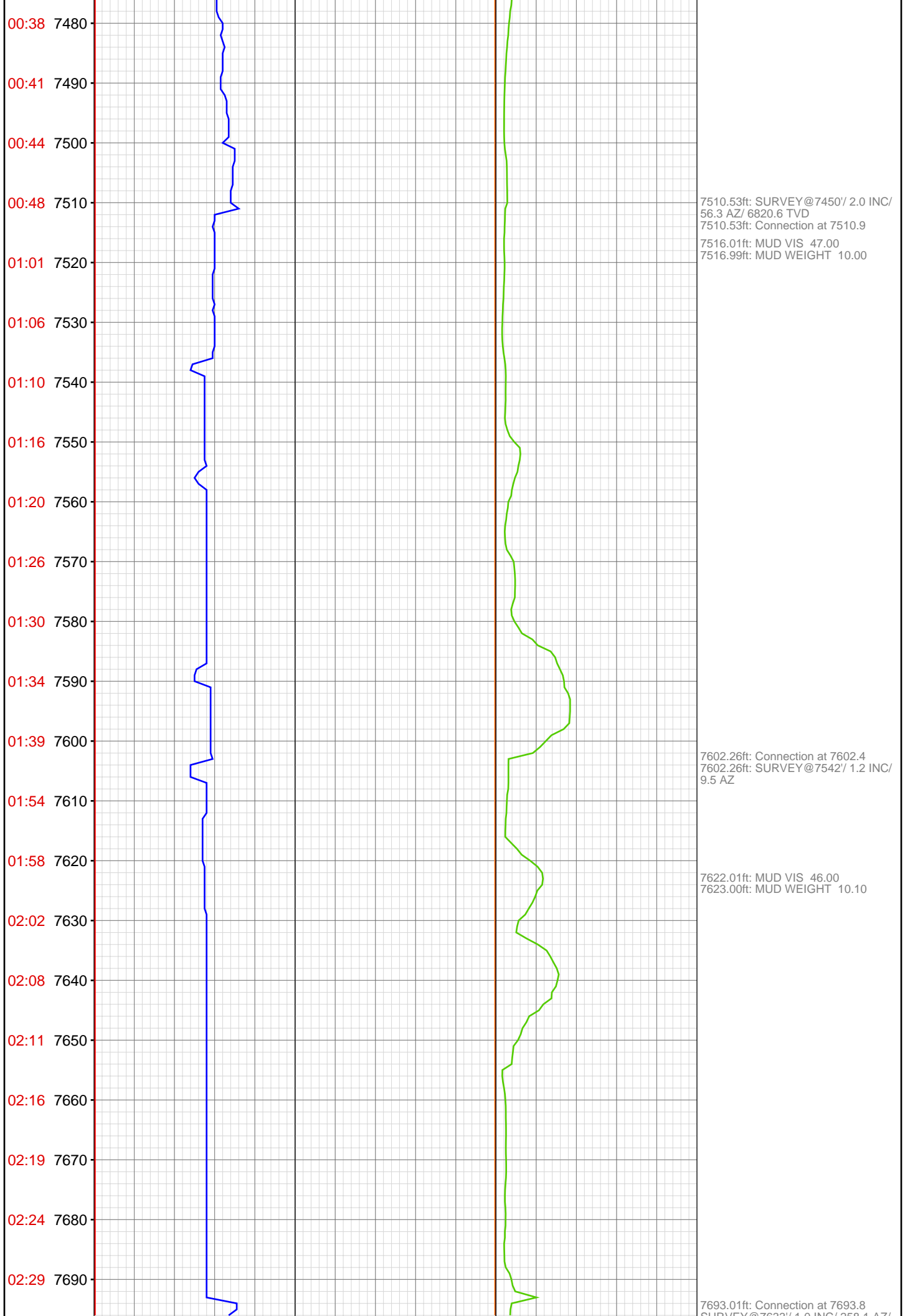


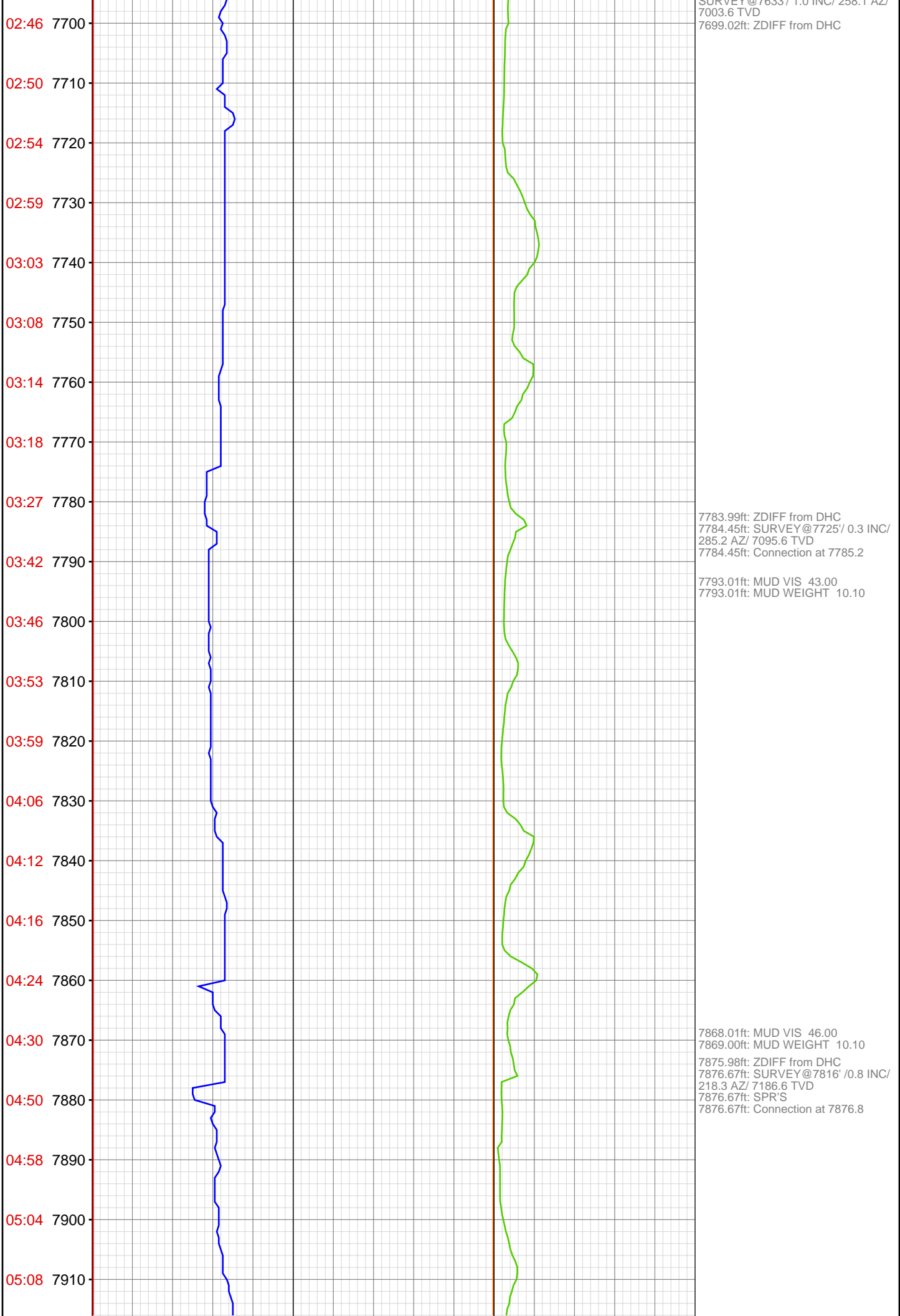


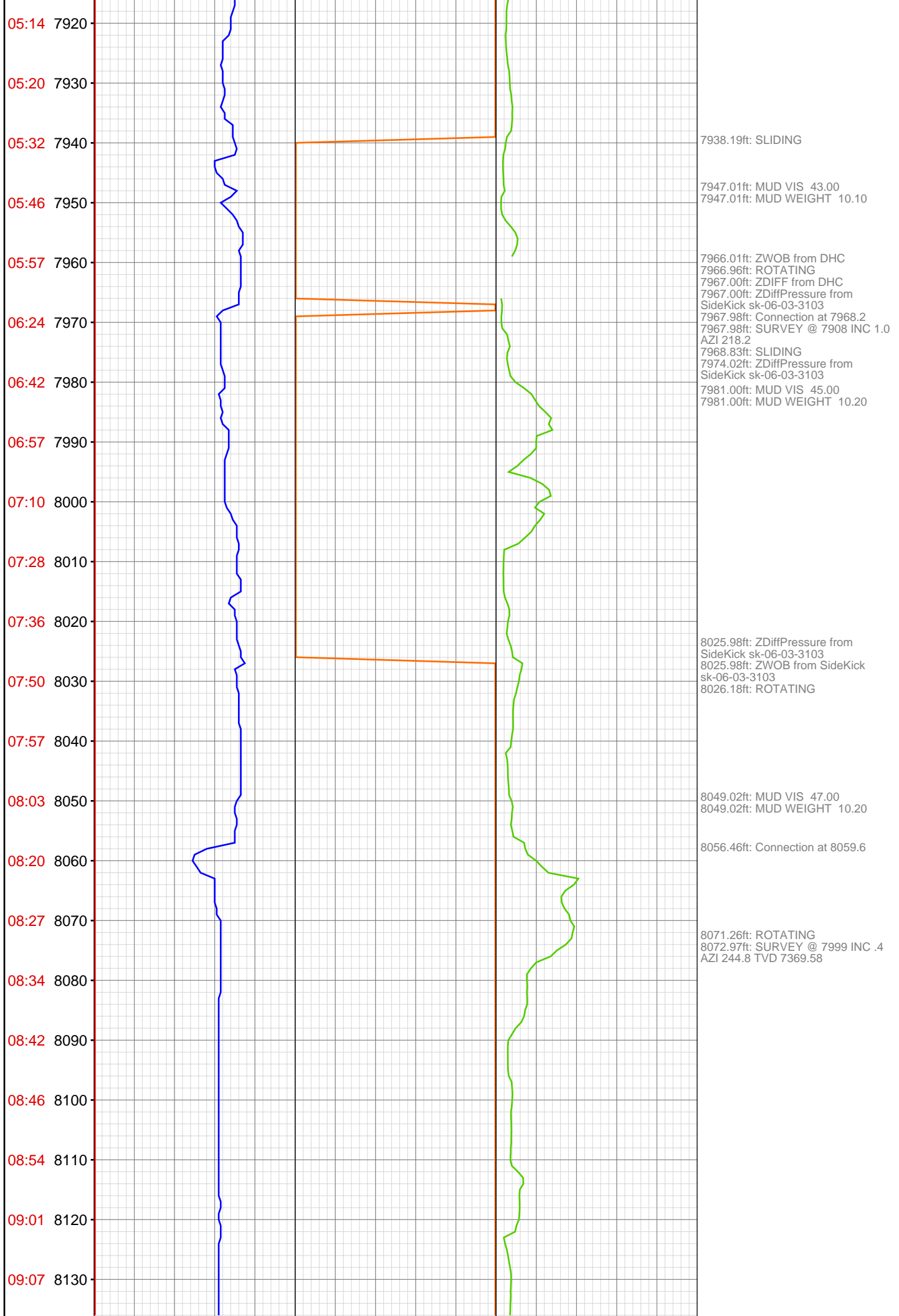




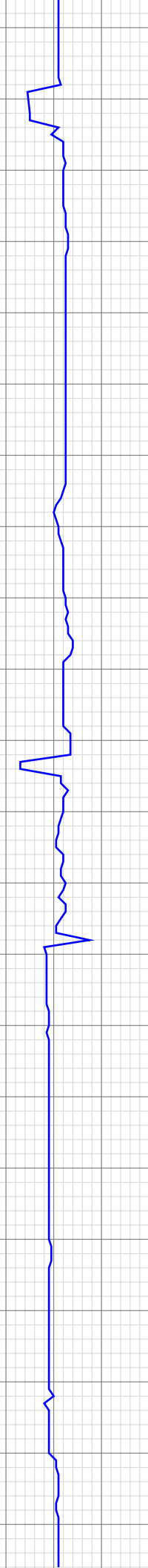








09:12 8140-
09:29 8150-
09:35 8160-
09:39 8170-
09:46 8180-
09:50 8190-
09:55 8200-
10:02 8210-
10:09 8220-
10:17 8230-
10:23 8240-
10:40 8250-
10:48 8260-
21:53 8270-
22:04 8280-
22:14 8290-
22:22 8300-
22:28 8310-
22:34 8320-
22:42 8330-
23:02 8340-
23:10 8350-



8147.01ft: ZWOB from SideKick
sk-06-03-3103
8147.01ft: ZDiffPressure from
SideKick sk-06-03-3103
8147.87ft: Connection at 8151.1
8147.87ft: SURVEY @ 8091 INC .9
AZI 67.9 TVD 7461.57
8149.02ft: IN TALLY: HOLE DEPTH
SET TO 8151.1
8152.85ft: ROTATING

8241.01ft: ZWOB from DHC
8241.01ft: ZDIFF from DHC
8241.31ft: Connection at 8242.6
8244.16ft: SURVEY @ 8182 INC .1
AZI 305.3 TVD 7552.57 ROTATING

8258.99ft: MUD VIS 44.00
8258.99ft: MUD WEIGHT 10.30
8267.00ft: 021TGAS 03090394
SW0.27 HW25.00 - 170 days on
8267.00ft: MUD VIS 45.00
8267.00ft: MUD WEIGHT 10.30
8267.00ft: MUD VIS 40.00
8267.00ft: ZDIFF from DHC
8267.03ft: RIG SERVICE
8267.32ft: ROTATING
8269.00ft: MUD VIS 40.00
8269.29ft: BUILD VOLUME
8269.78ft: MUD WEIGHT 10.30

8331.00ft: ZDIFF from DHC
8331.66ft: Connection at 8334.0
8331.66ft: SURVEY@8274/ 0.9 INC/
331.6 AZ/ 7644.5 TVD
8334.22ft: BUILD VOLUME

