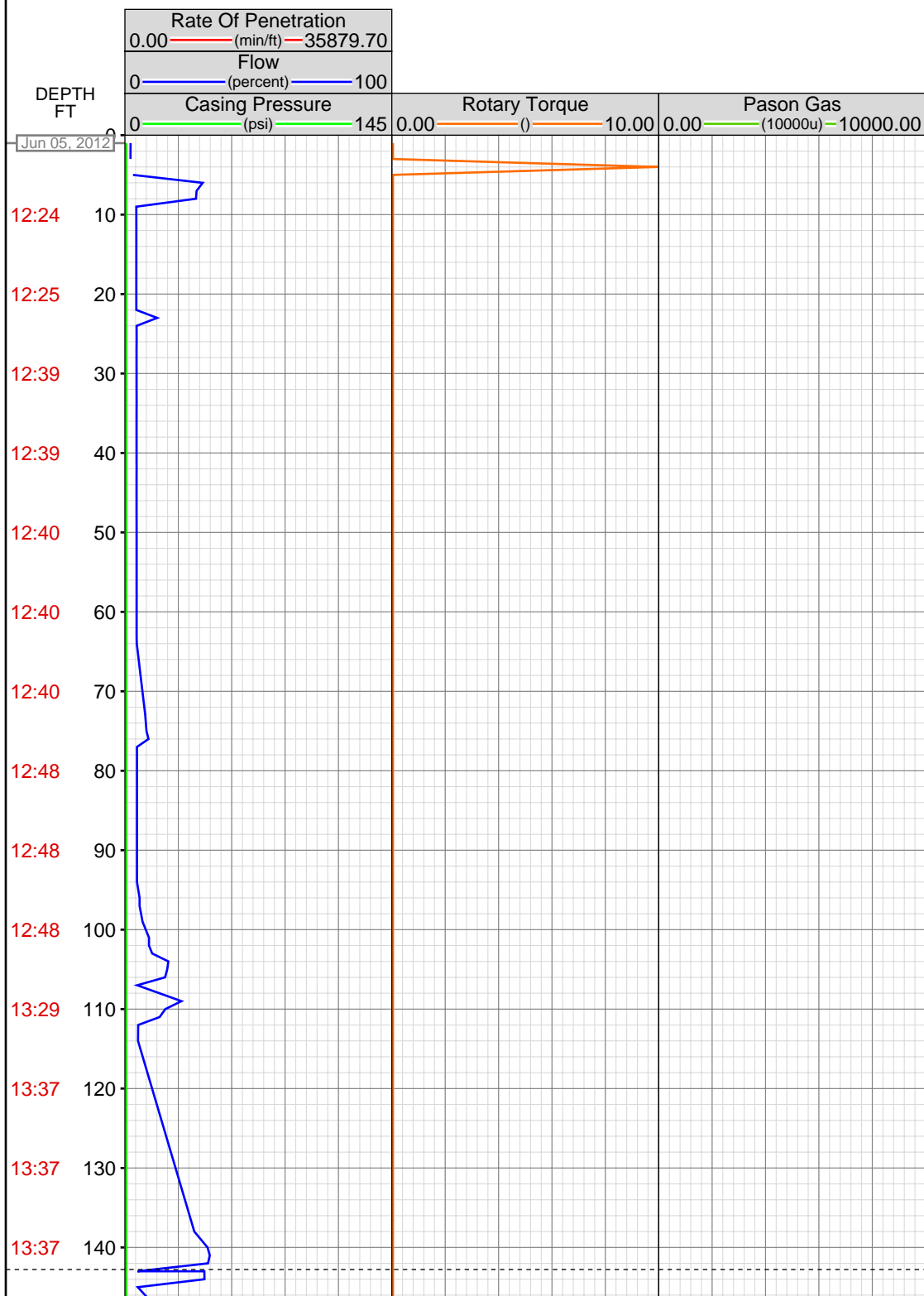


DataHub EDR Log

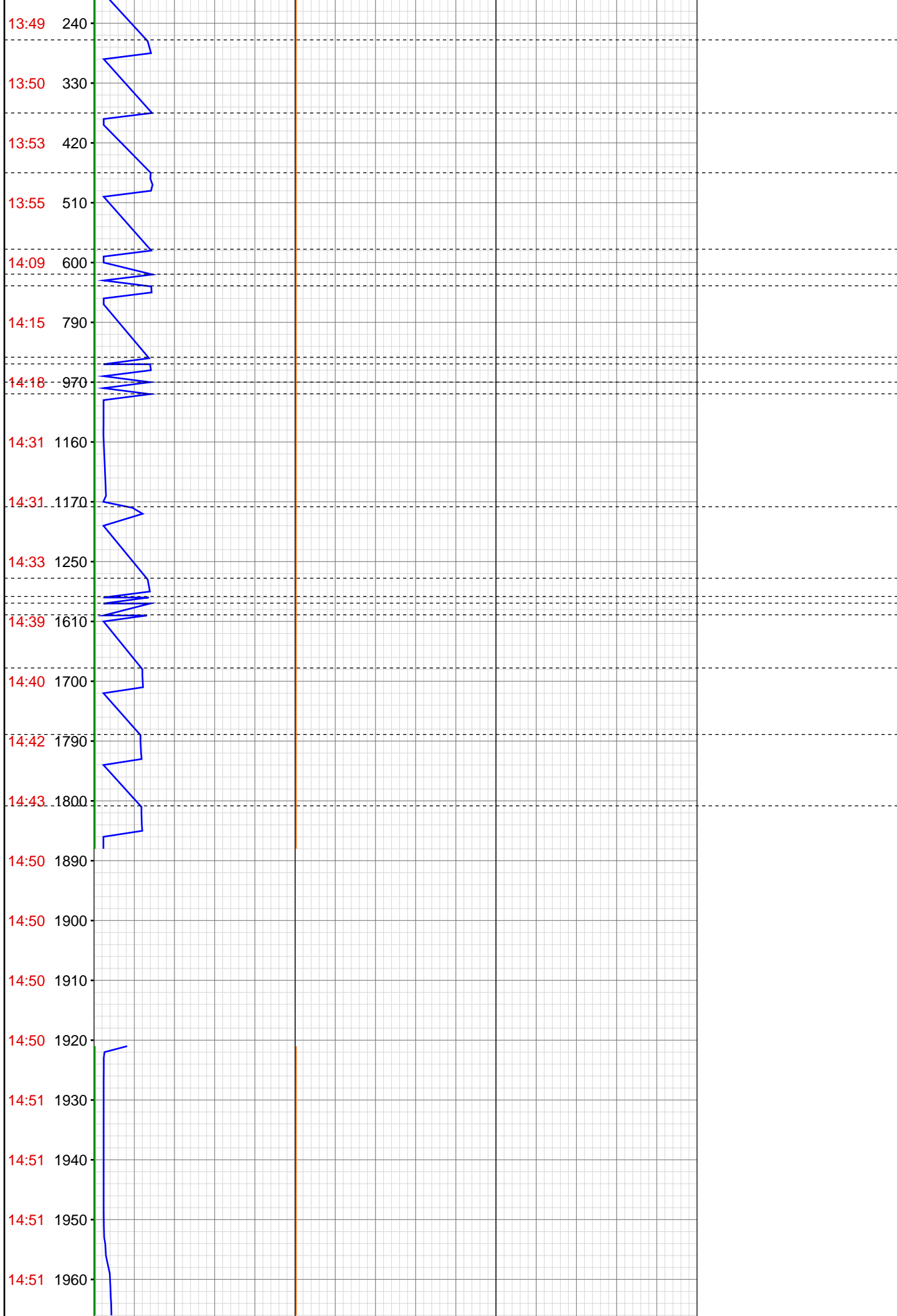
Thu Jun 21, 2012 10:55:32
Well Dossier 3955797
Marilyn Tucker

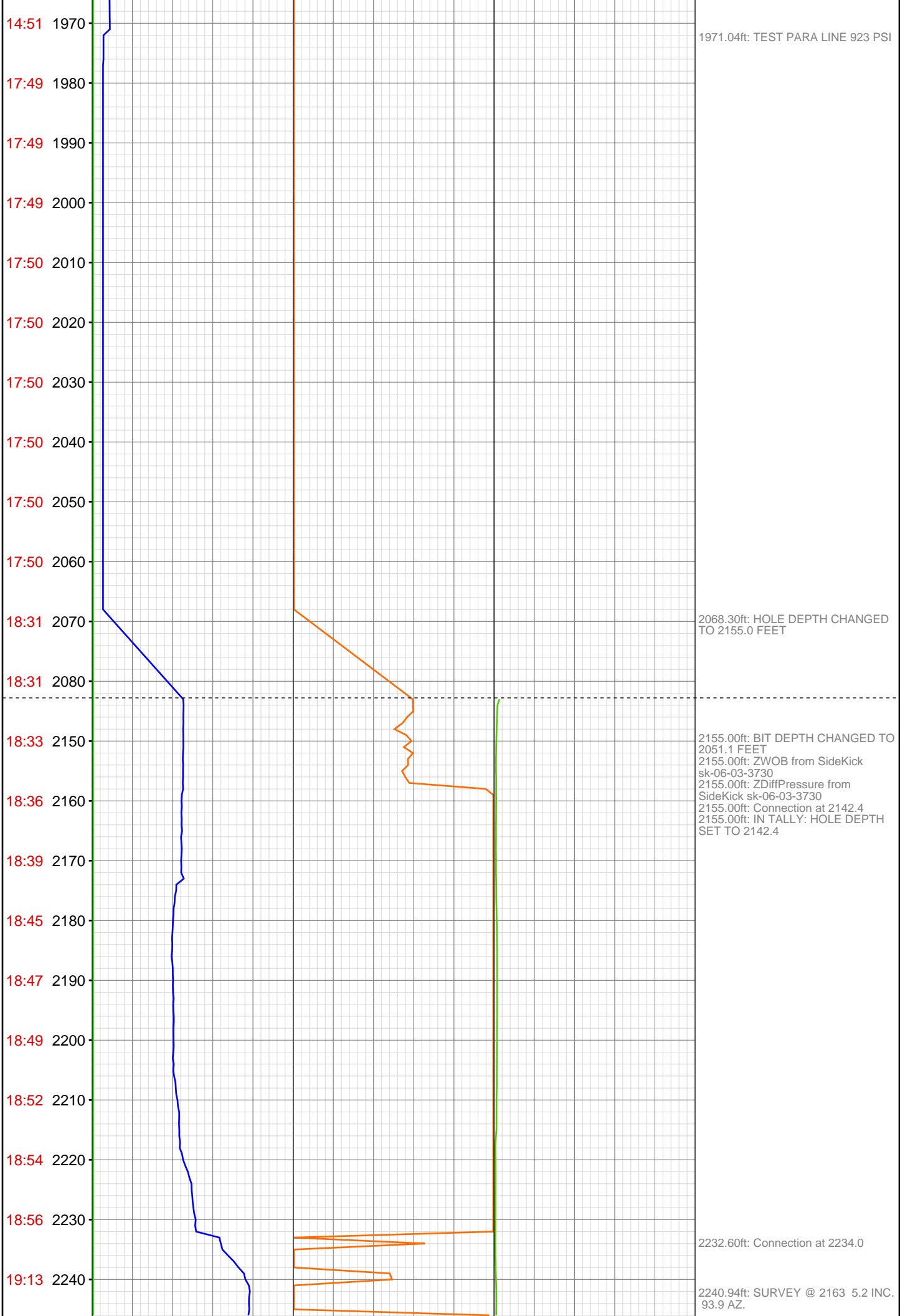
OPERATOR: EnCana Oil & Gas (USA), Inc.
WELL: SG 8514A-22 N-22 496
FIELD:
LOCATION: SEC:25 T4S R96W
COUNTRY: USA
RIG: Pat-UTI 306

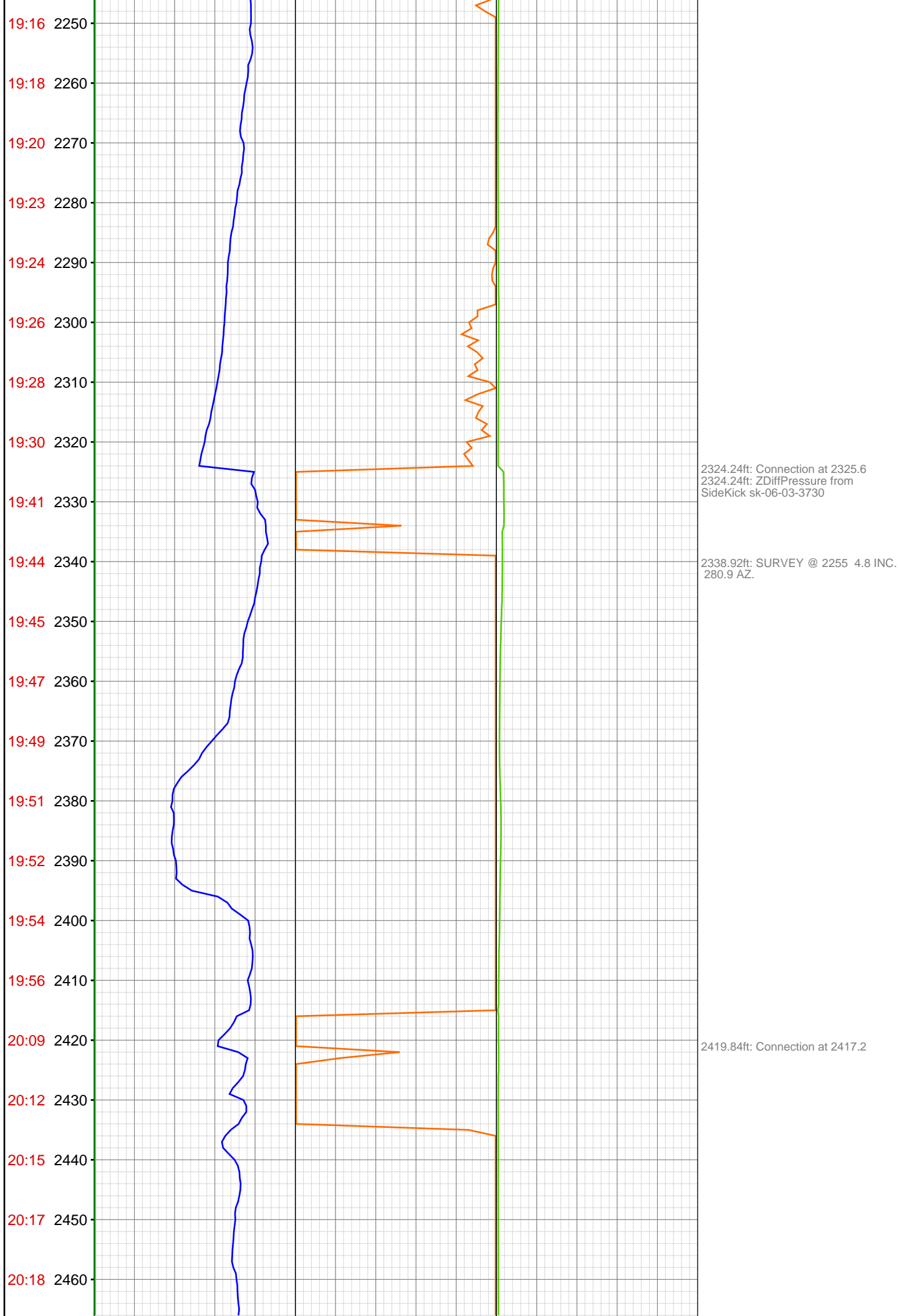
CONTRACTOR: Patterson-UTI Drilling Company
UNIQUE WELL ID: 050-45-210400000
SPUD DATE: Jun 05, 2012 18:30
RELEASE DATE: Jun 13, 2012 12:00

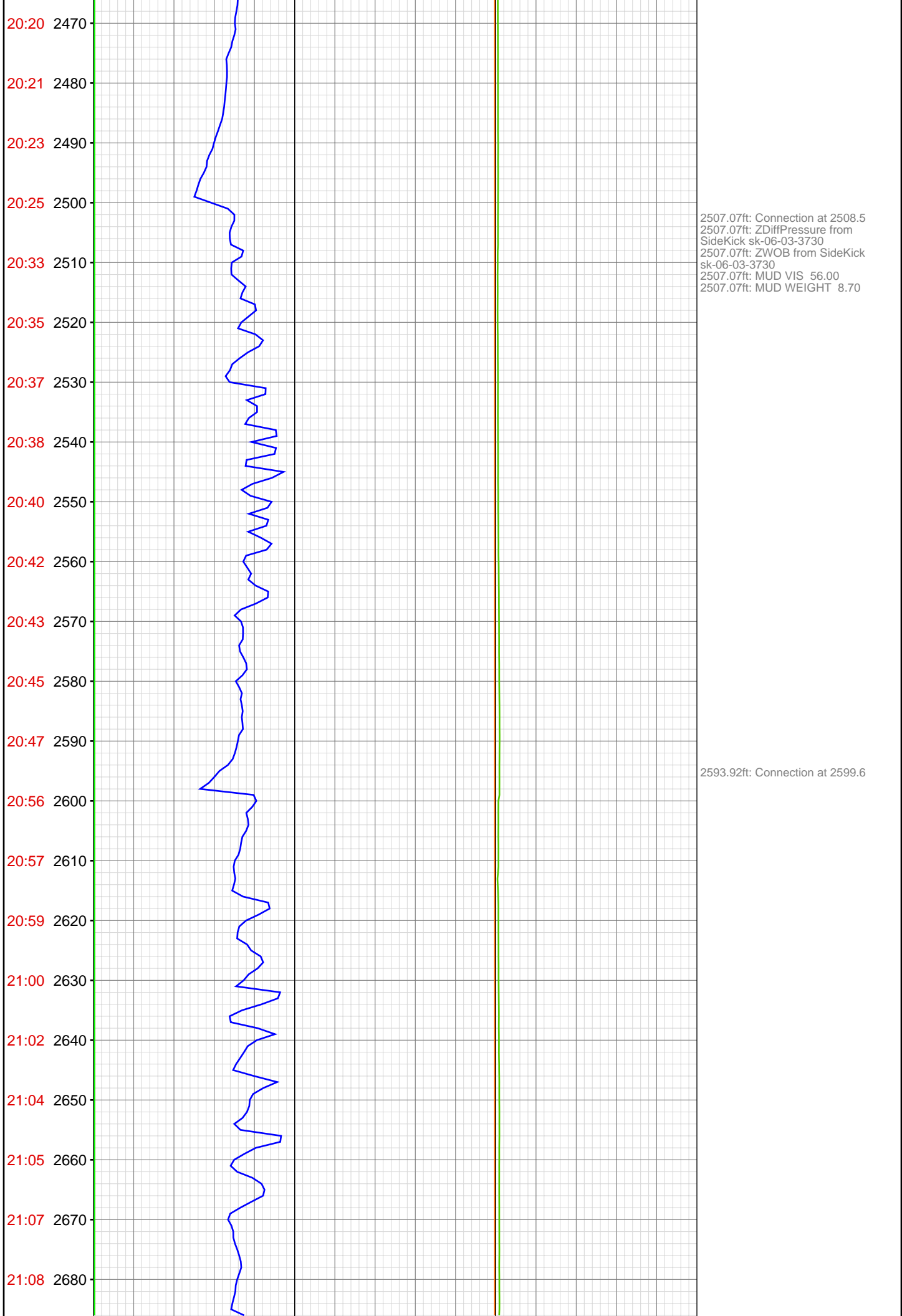


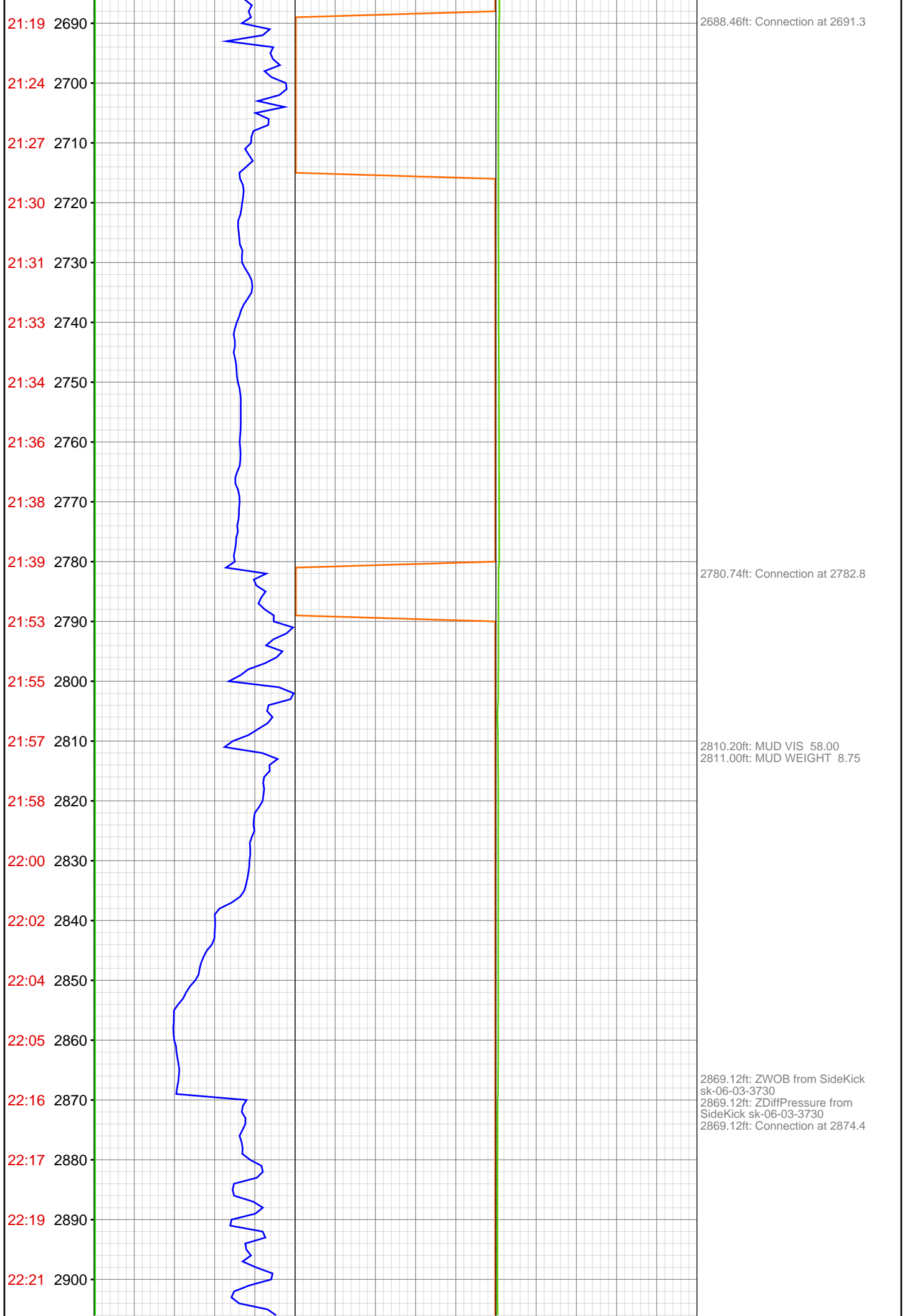
MEMOS

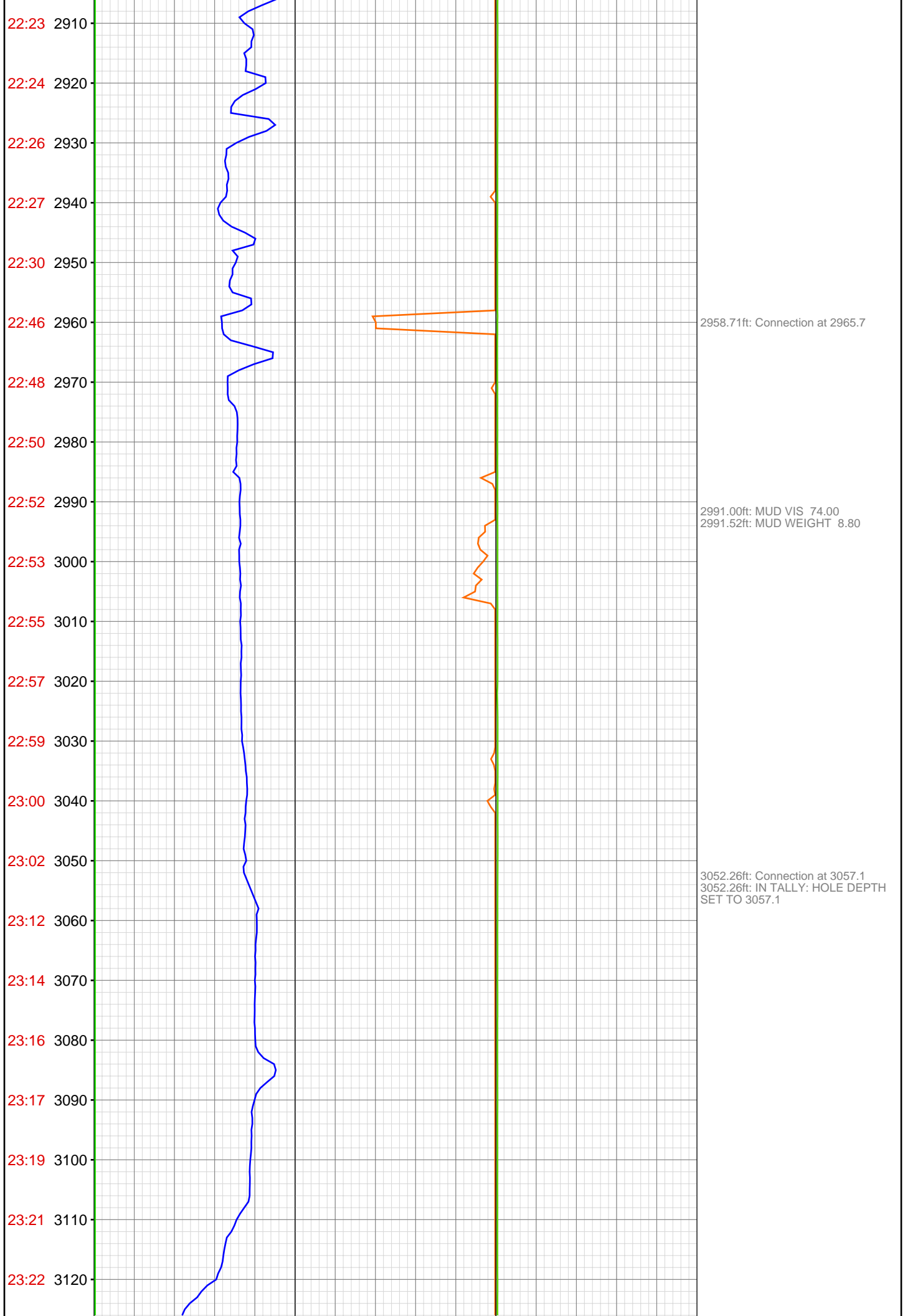


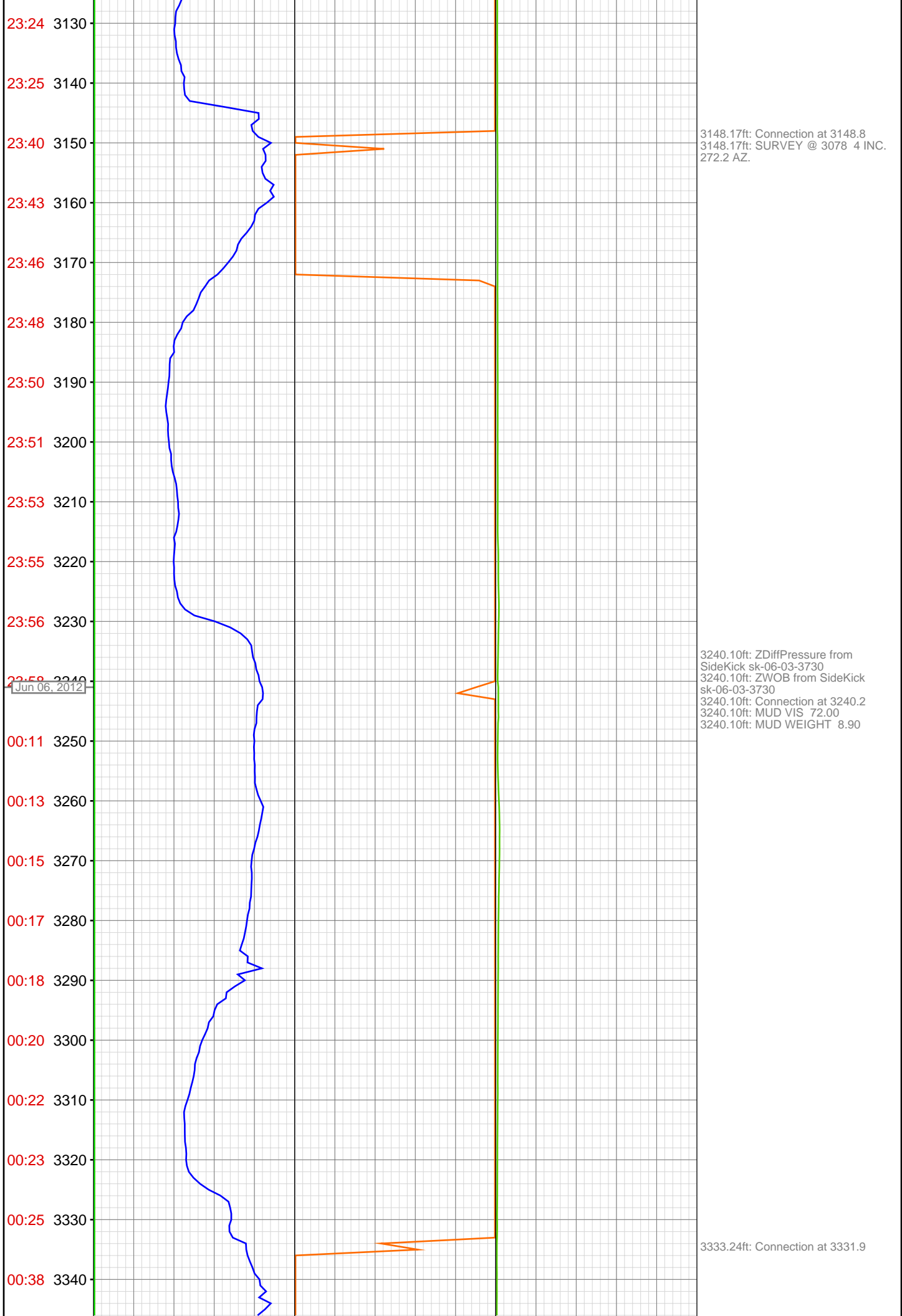


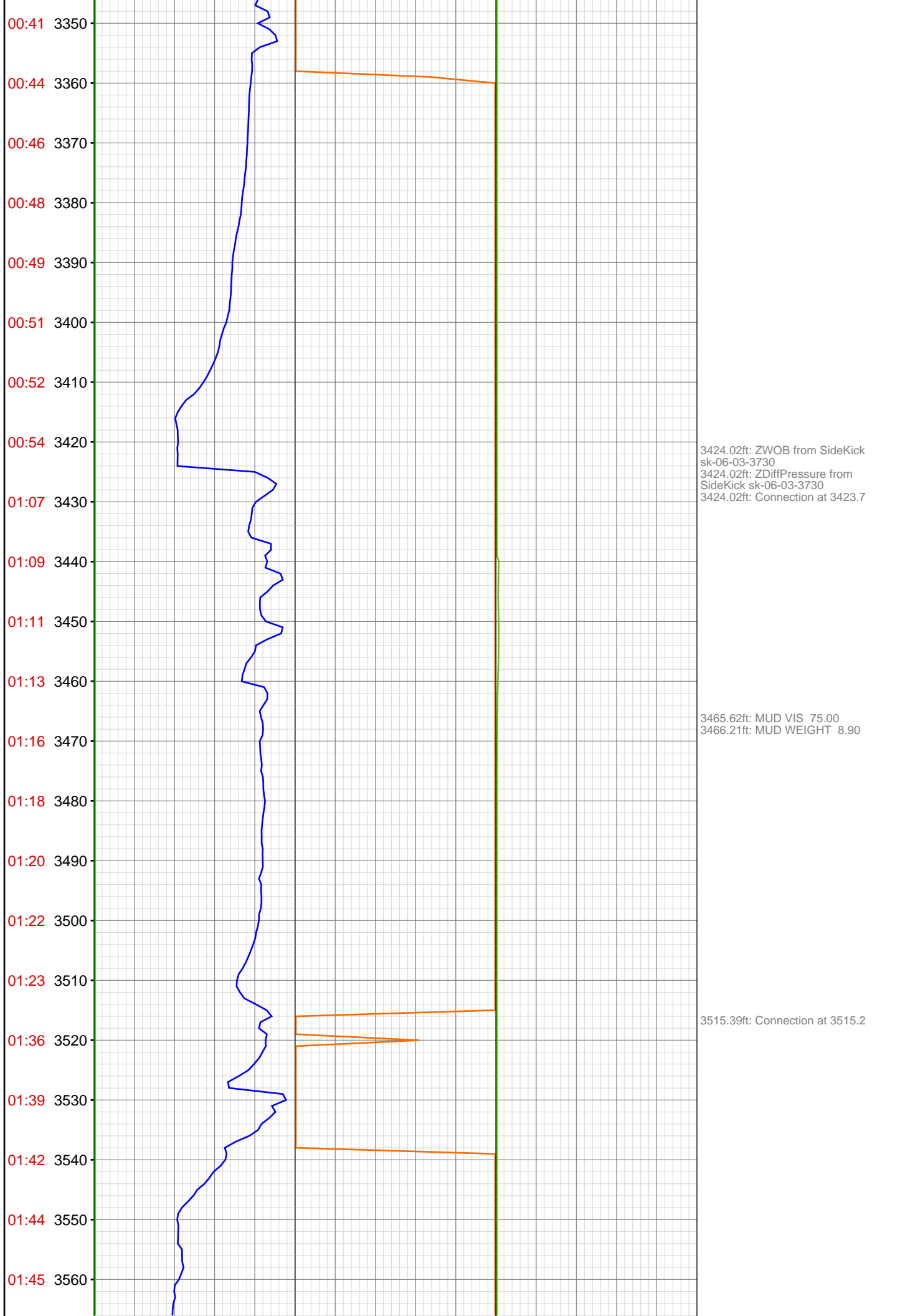


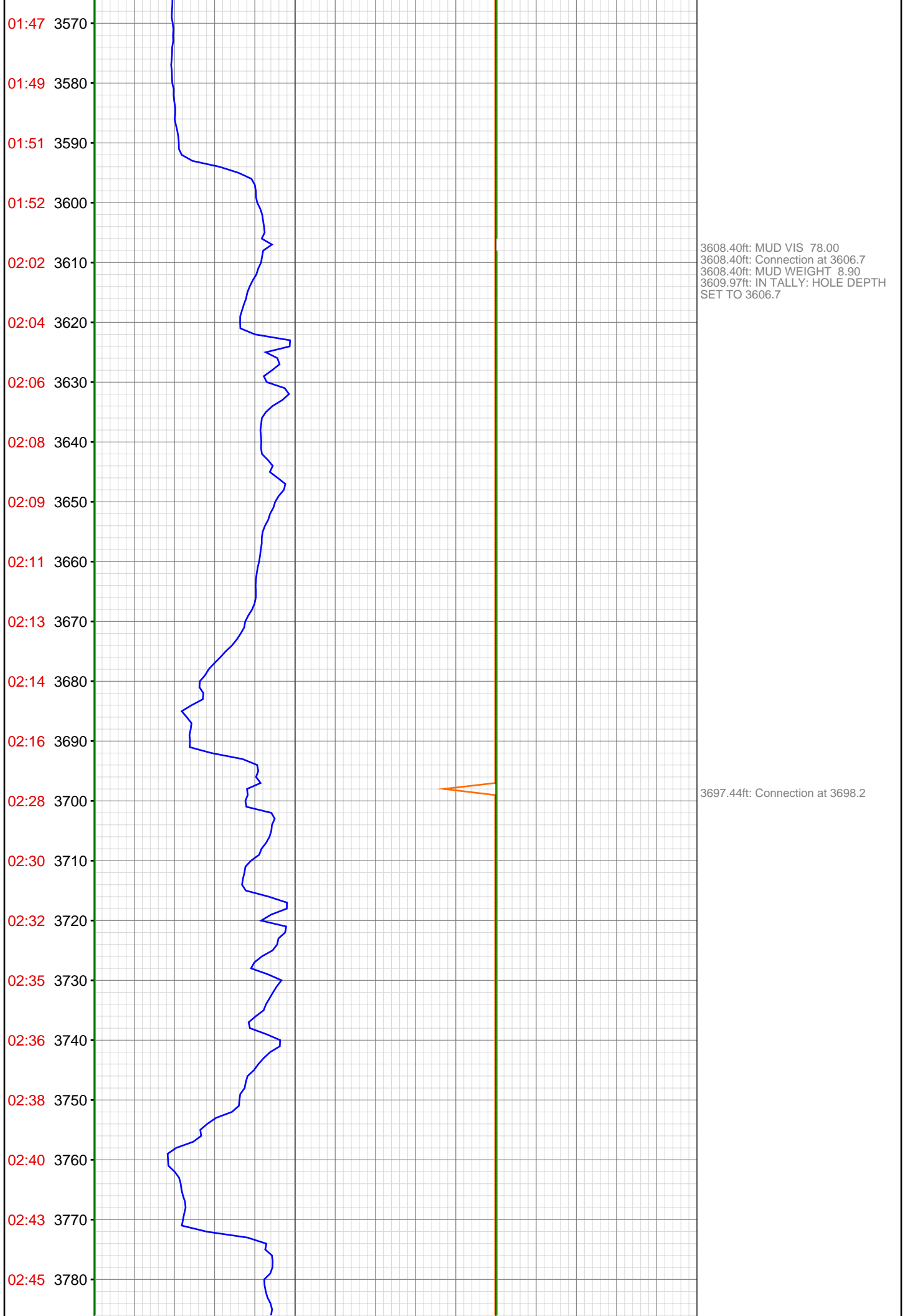












02:57 3790

02:59 3800

03:01 3810

03:03 3820

03:05 3830

03:07 3840

03:08 3850

03:10 3860

03:12 3870

03:13 3880

03:26 3890

03:27 3900

03:30 3910

03:32 3920

03:34 3930

03:36 3940

03:38 3950

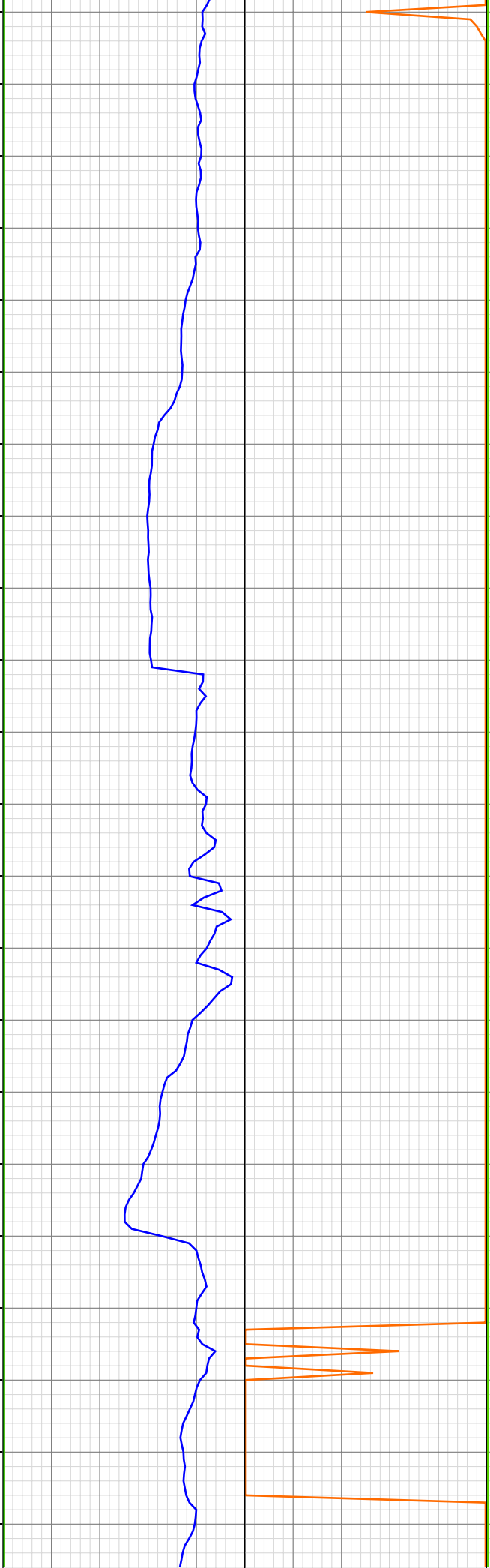
03:40 3960

03:43 3970

03:57 3980

04:00 3990

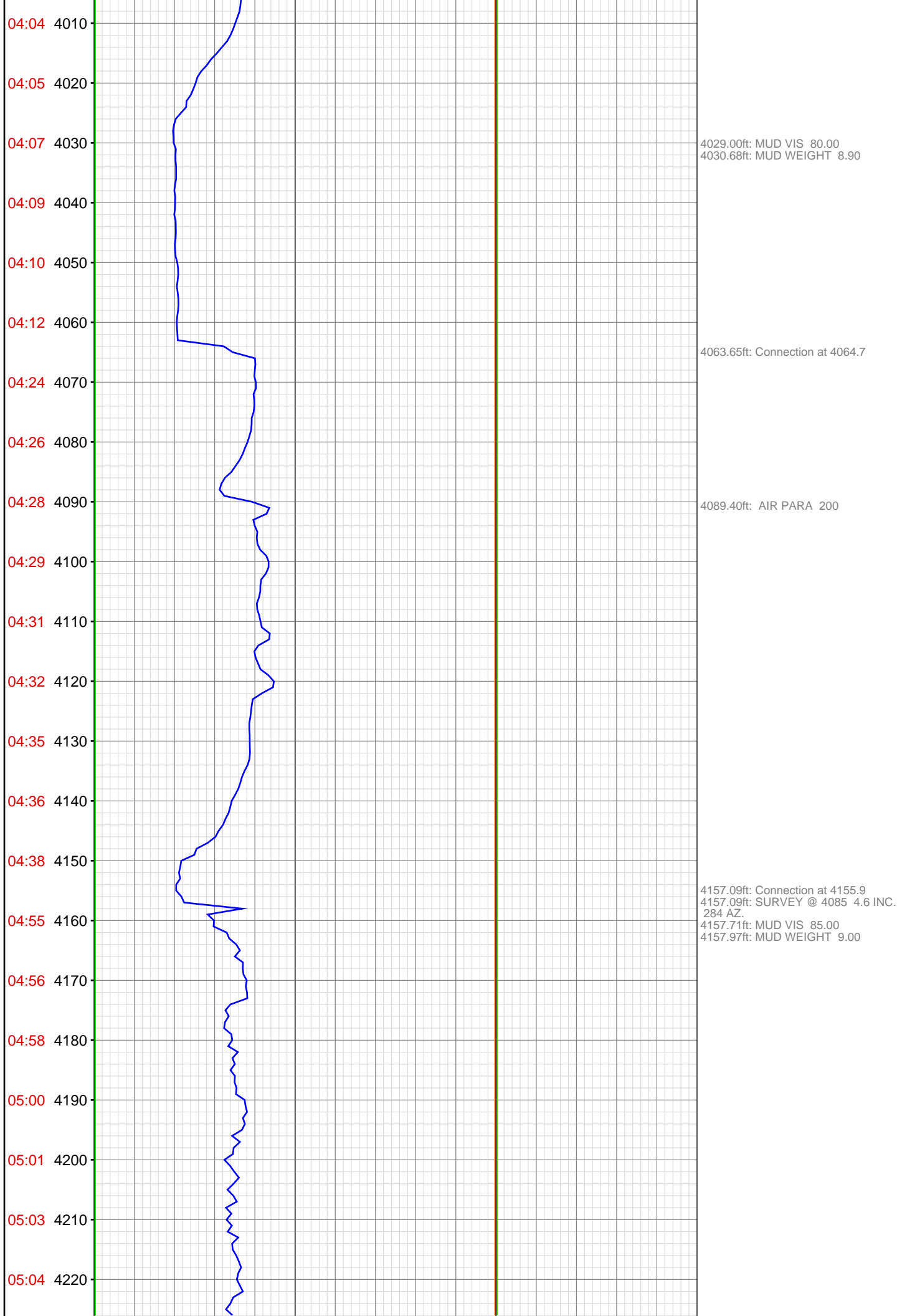
04:02 4000

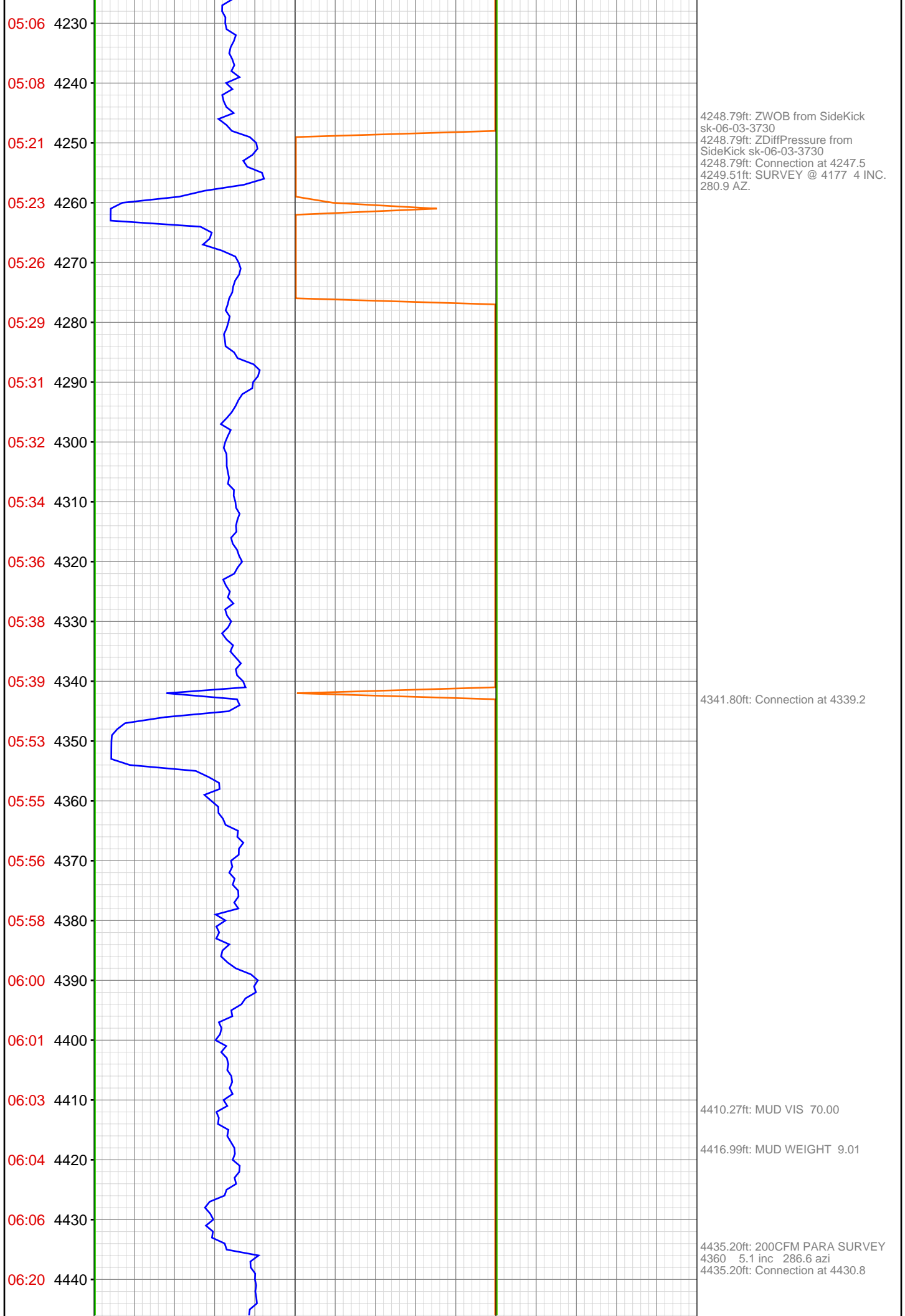


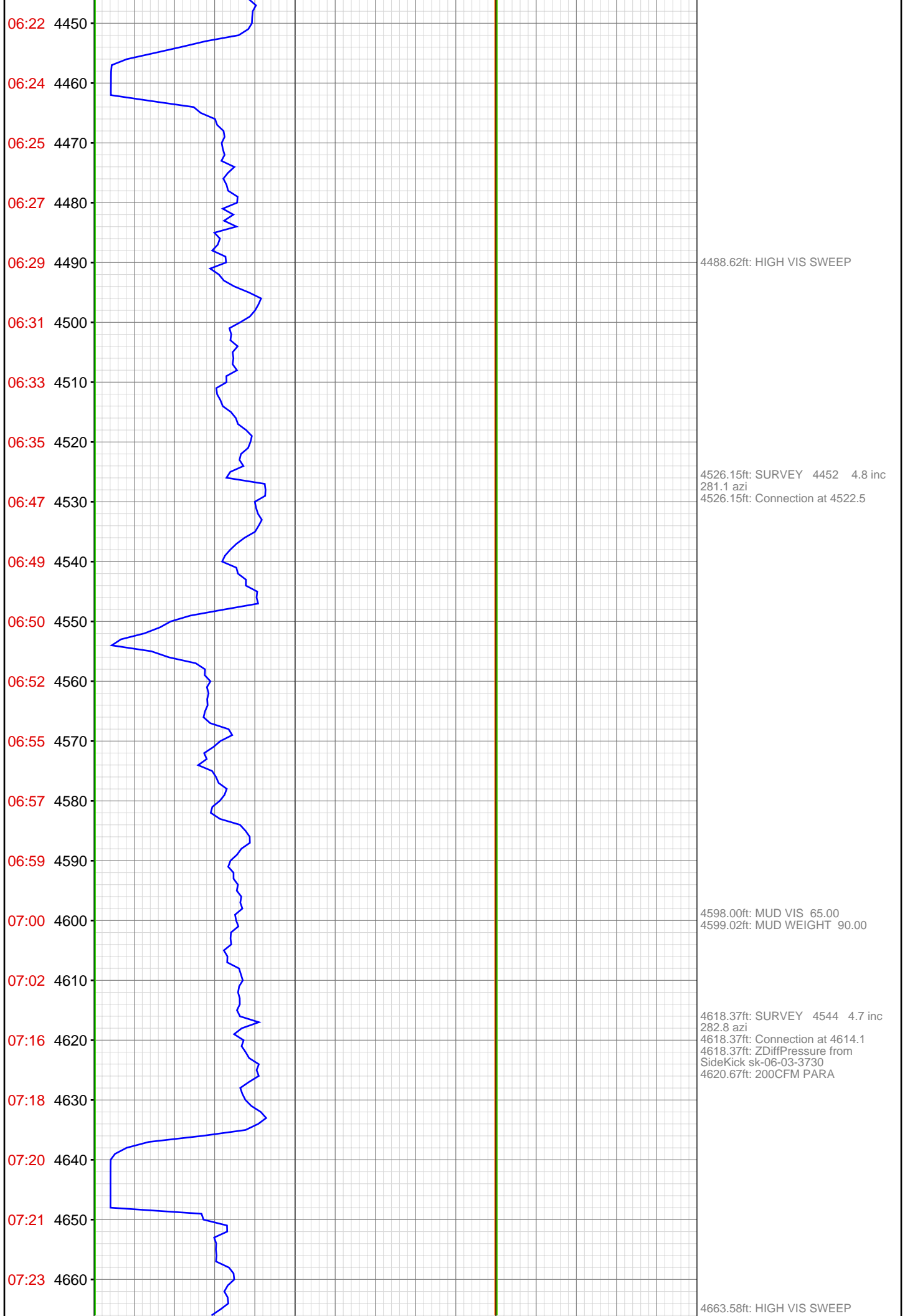
3789.63ft: Connection at 3789.6
3789.63ft: MUD VIS 79.00
3789.63ft: MUD WEIGHT 9.00

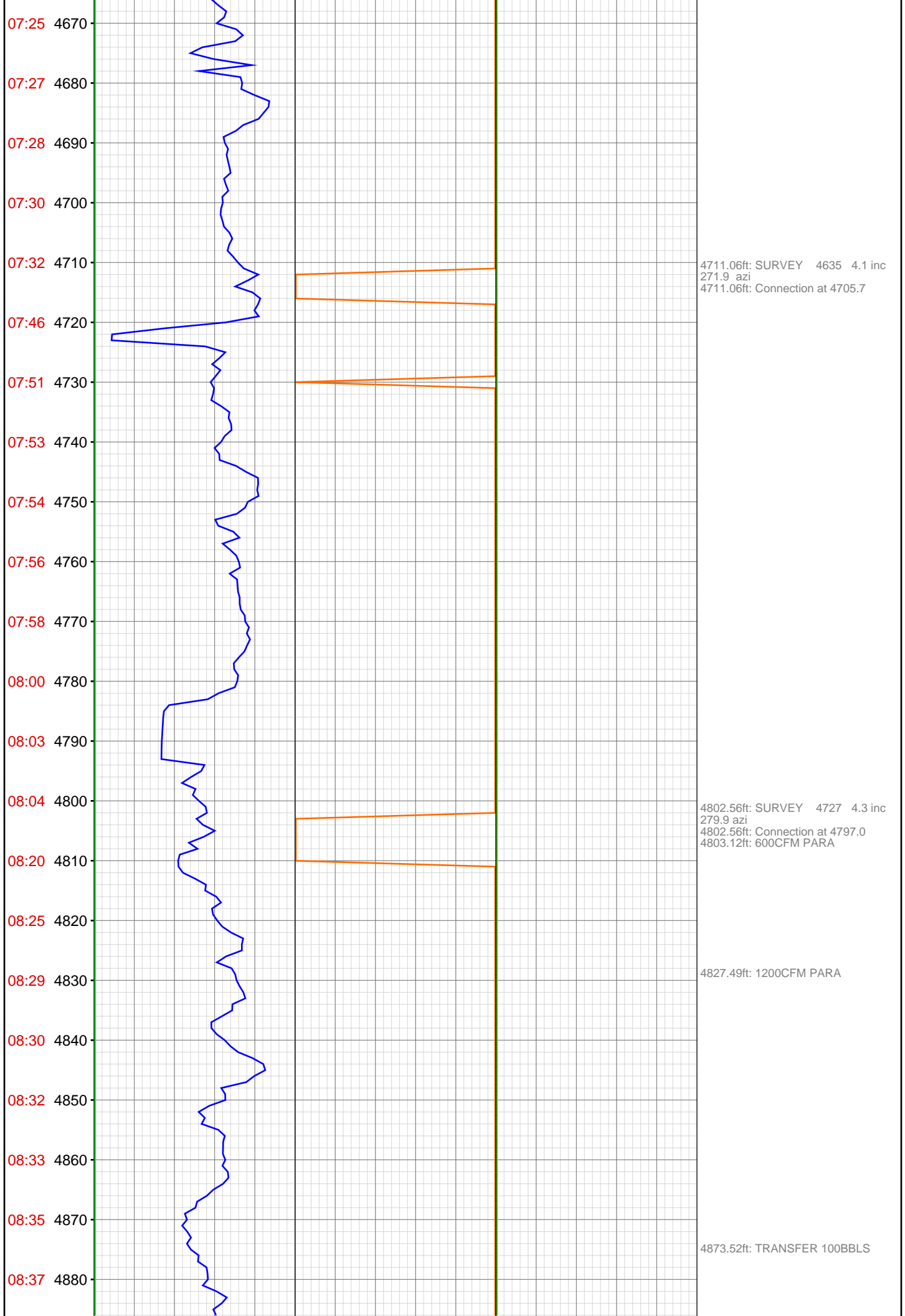
3881.99ft: ZDiffPressure from
SideKick sk-06-03-3730
3881.99ft: ZWOB from SideKick
sk-06-03-3730
3881.99ft: Connection at 3881.2

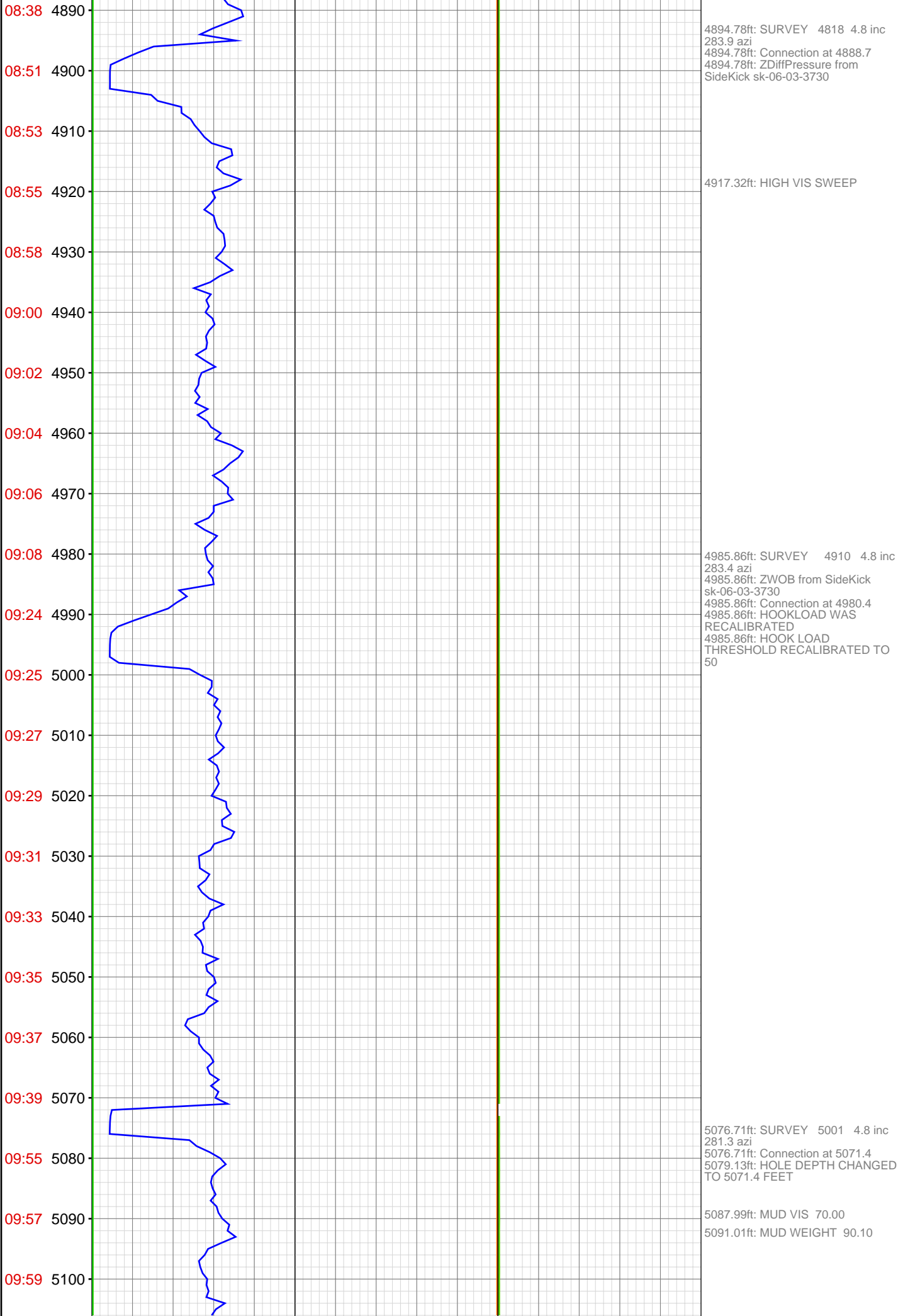
3972.74ft: Connection at 3972.8

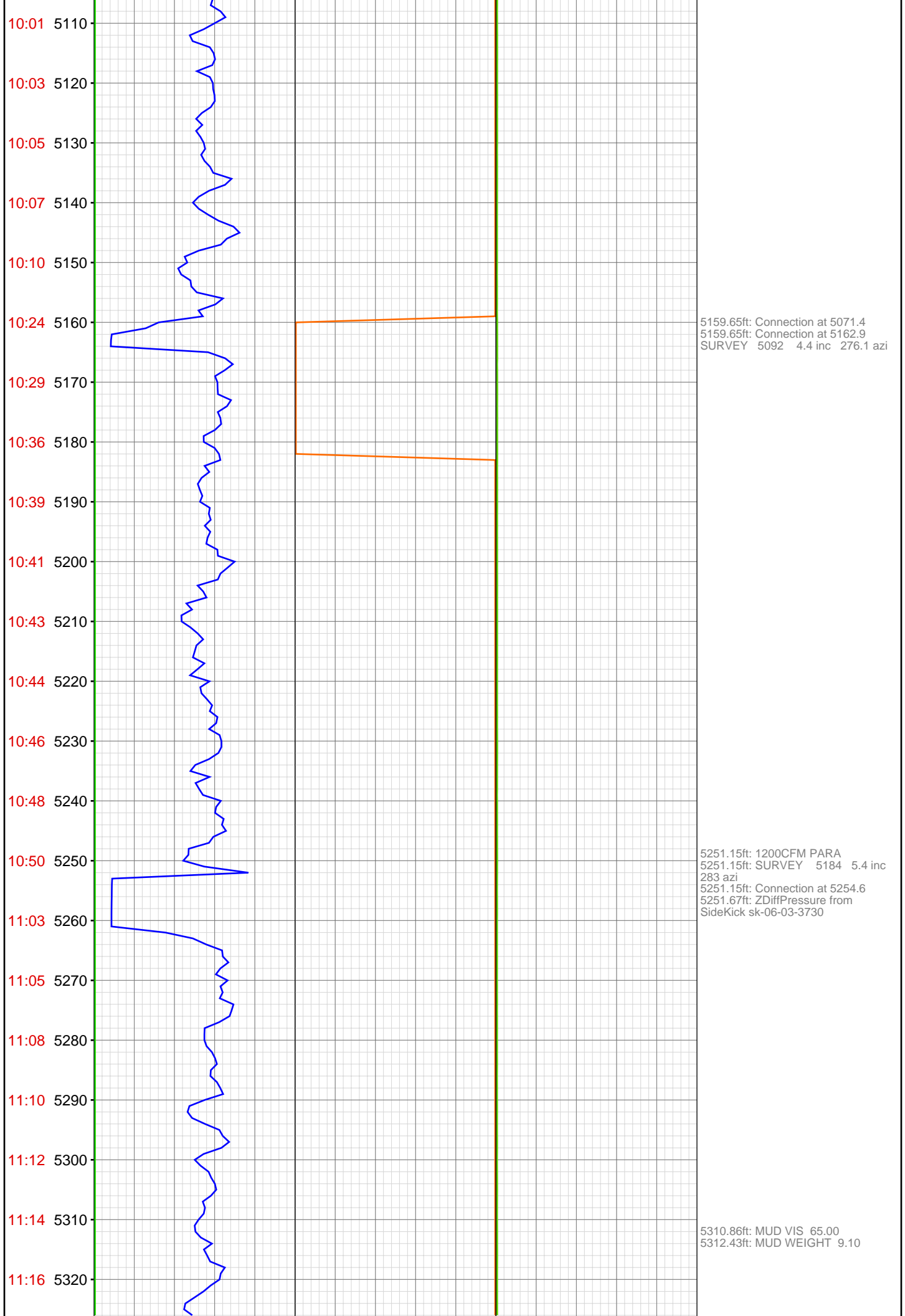




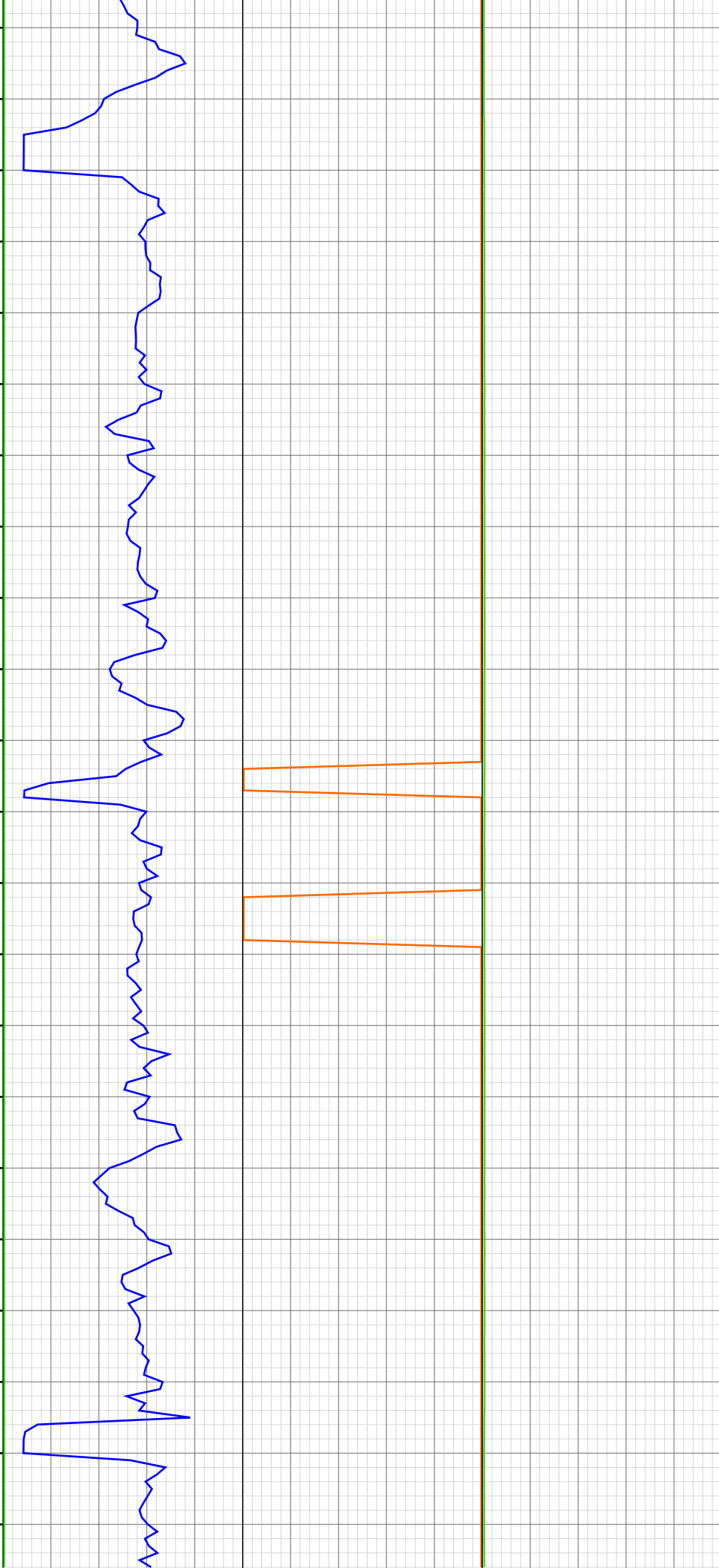








11:18 5330
11:21 5340
11:35 5350
11:37 5360
11:38 5370
11:41 5380
11:43 5390
11:45 5400
11:49 5410
11:53 5420
11:56 5430
12:11 5440
12:16 5450
12:21 5460
12:23 5470
12:25 5480
12:27 5490
12:30 5500
12:32 5510
12:33 5520
12:49 5530
12:52 5540



5342.49ft: ZWOB from SideKick
sk-06-03-3730
5342.49ft: ZDiffPressure from
SideKick sk-06-03-3730
5342.49ft: SURVEY 5276 4.6 inc
288 azi
5342.49ft: Connection at 5346.1
5342.49ft: ZDiffPressure from
SideKick sk-06-03-3730

5393.50ft: HIGH VIS SWEEP

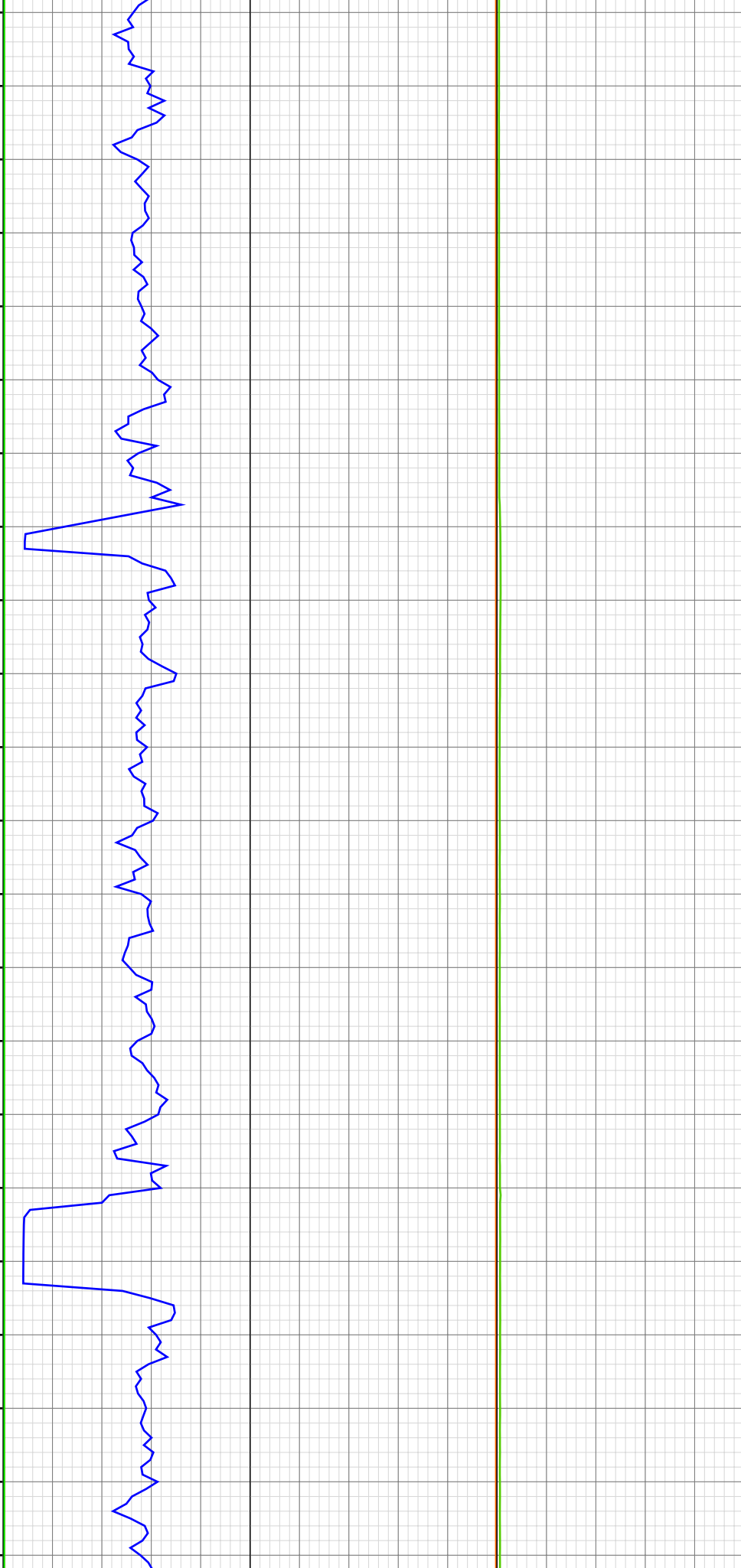
5433.86ft: SURVEY 5367 3.6 inc
280.2 azi
5433.86ft: Connection at 5437.7
5433.86ft: MUD VIS 65.00
5433.86ft: MUD WEIGHT 9.10

5445.47ft: 1200CFM PARA

5458.50ft: ZDiffPressure from
SideKick sk-06-03-3730

5524.54ft: Connection at 5528.6
SURVEY 5458 5.3 inc 286.7 azi

12:54 5550
12:56 5560
12:58 5570
13:01 5580
13:03 5590
13:05 5600
13:08 5610
13:24 5620
13:26 5630
13:28 5640
13:31 5650
13:34 5660
13:36 5670
13:38 5680
13:40 5690
13:42 5700
13:46 5710
14:00 5720
14:03 5730
14:05 5740
14:07 5750
14:09 5760



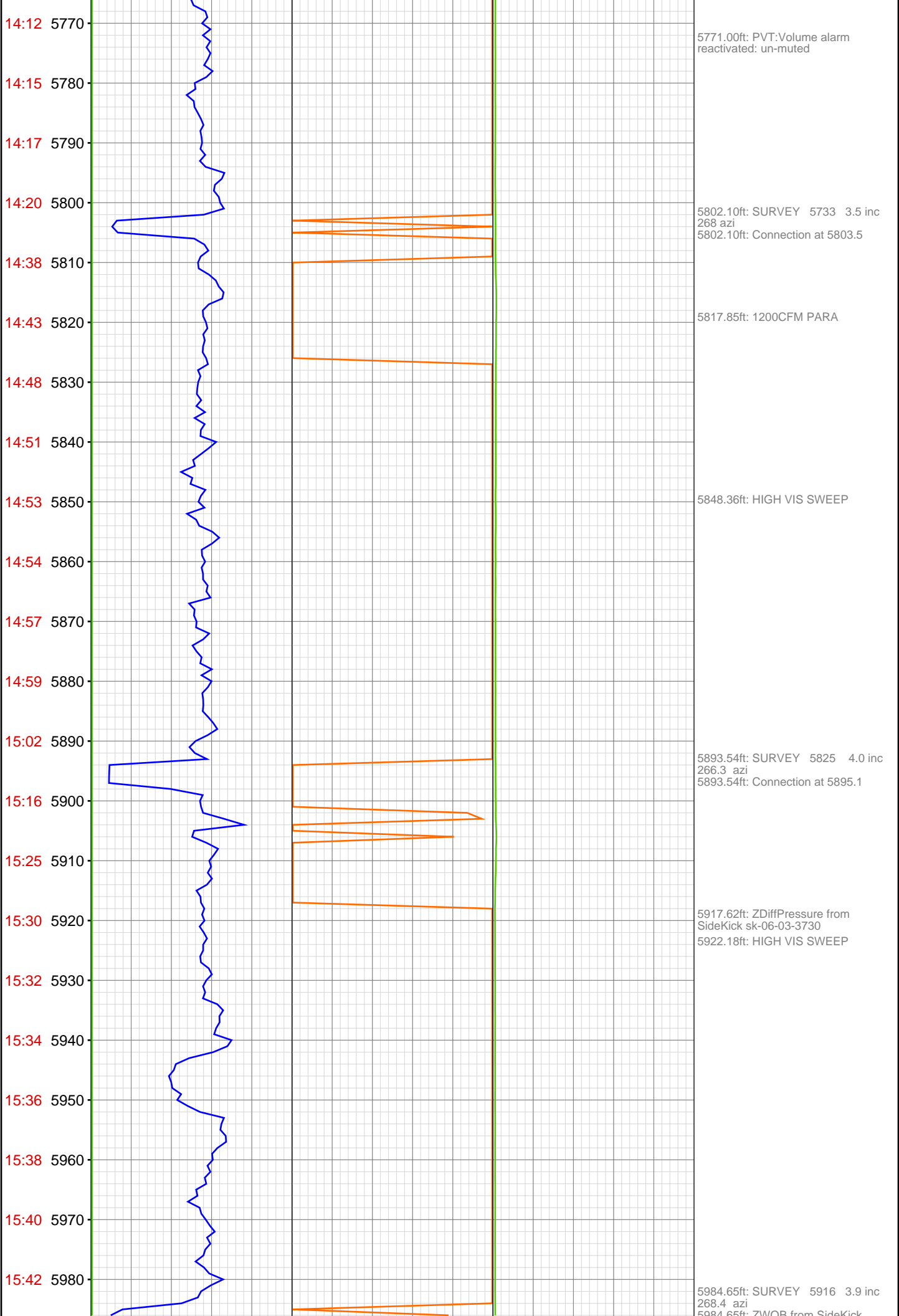
5572.01ft: MUD VIS 68.00
5572.38ft: MUD WEIGHT 9.10

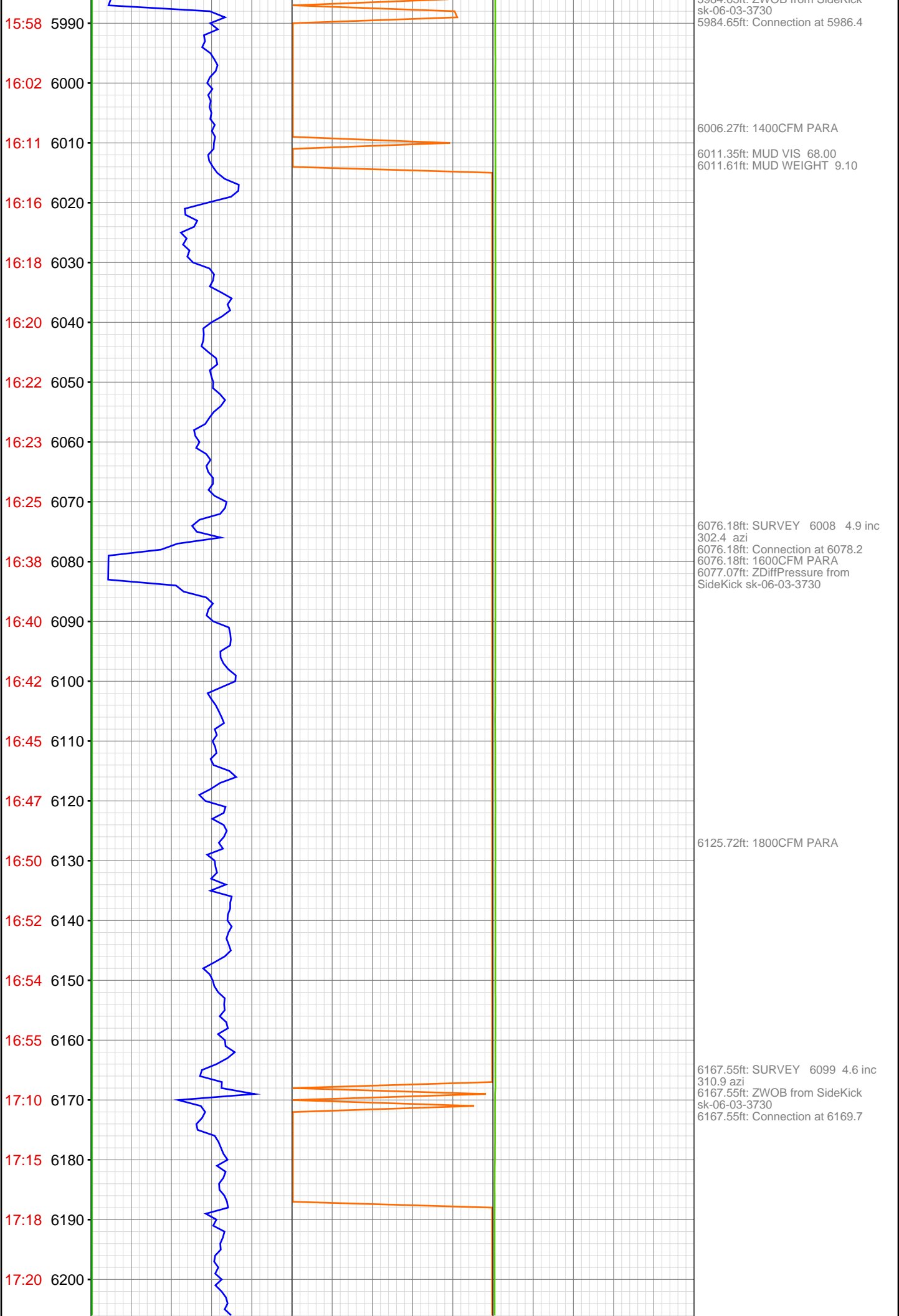
5616.08ft: ZWOB from SideKick
sk-06-03-3730
5616.08ft: SURVEY 5550 5.4 inc
283.1 azi
5616.08ft: Connection at 5620.3

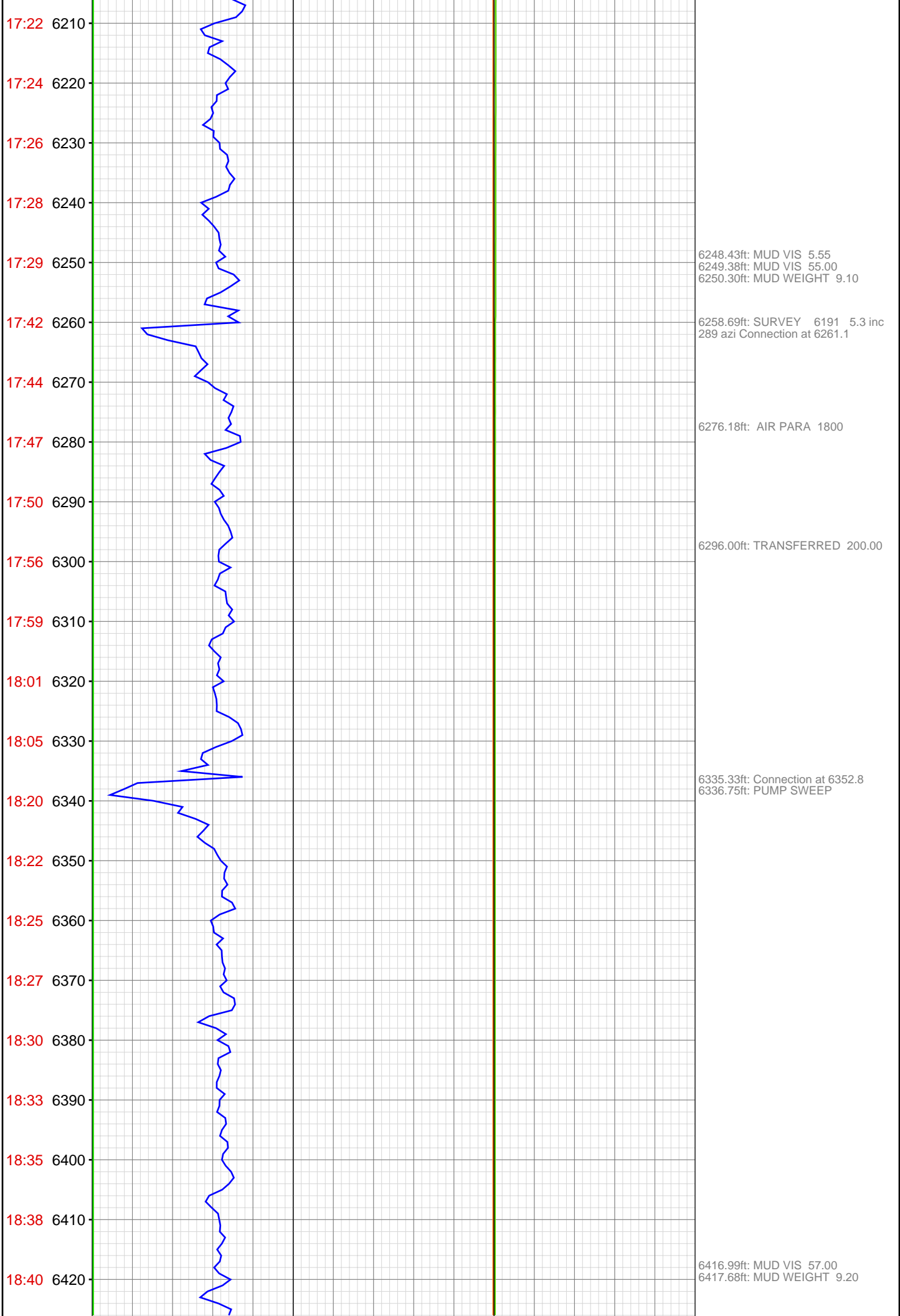
5710.53ft: SURVEY 5641 4.7 inc
281.6 azi
5710.53ft: Connection at 5711.7
5710.53ft: ZDiffPressure from
SideKick sk-06-03-3730

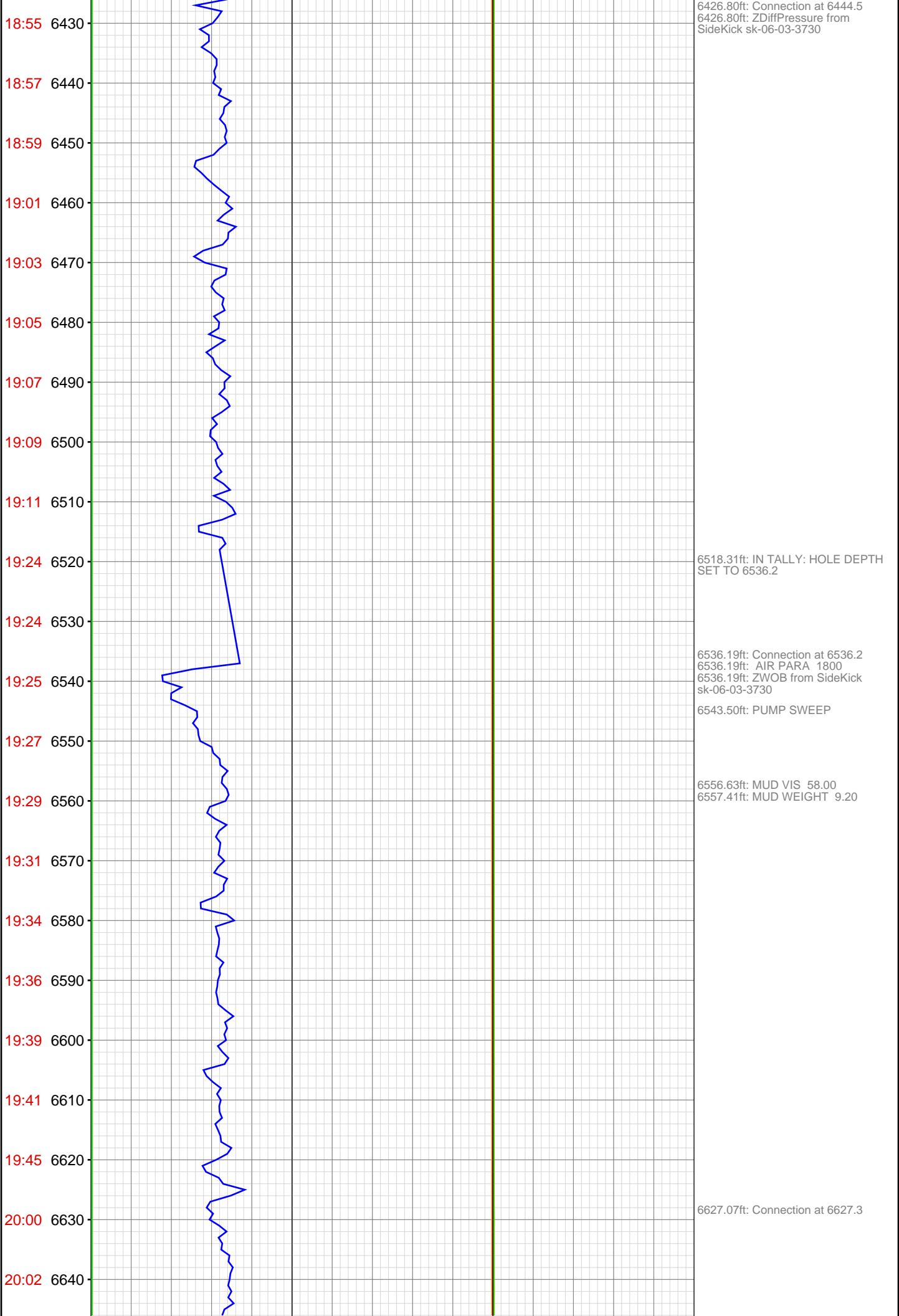
5733.66ft: HIGH VIS SWEEP

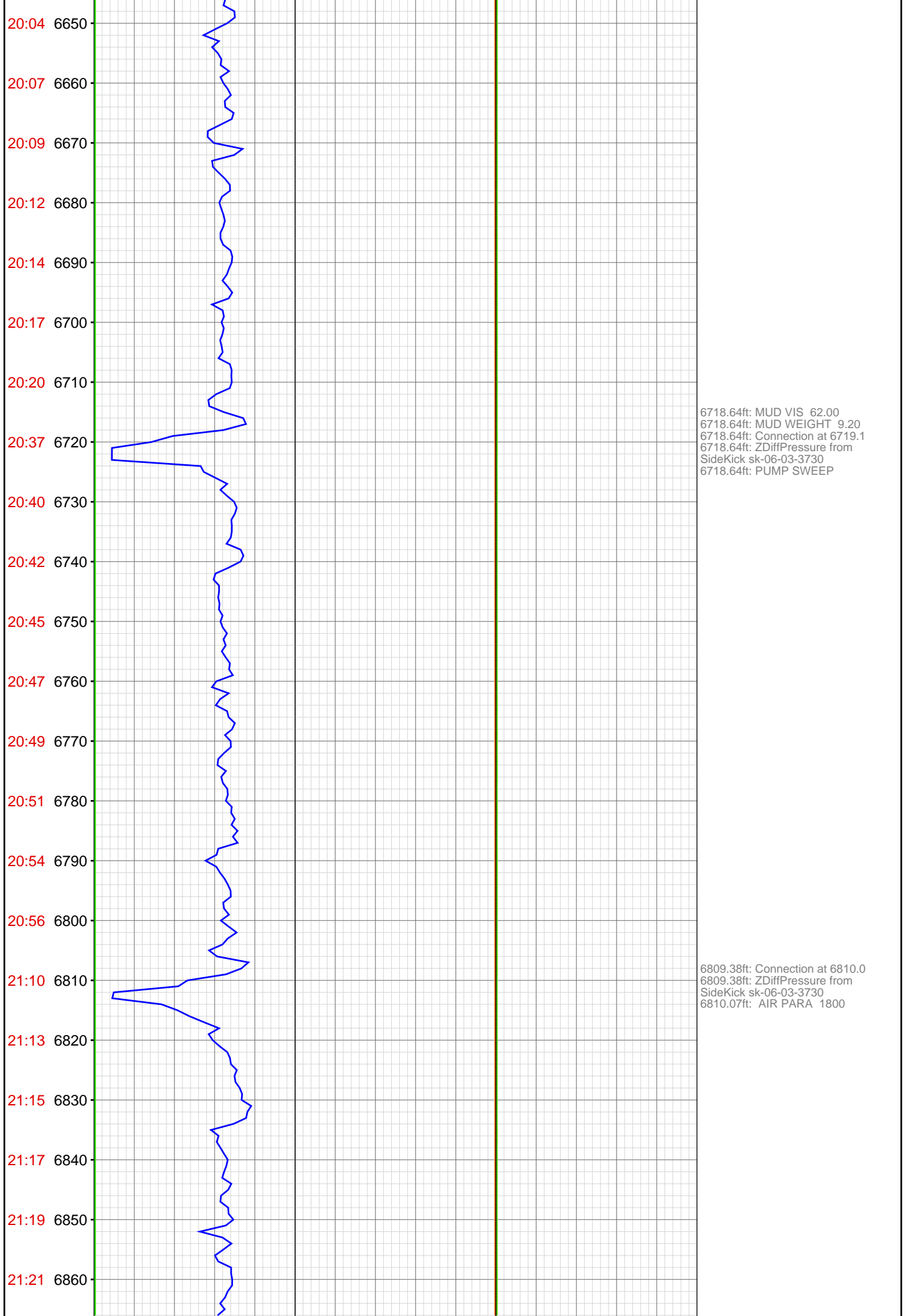
5753.97ft: MUD VIS 68.00
5754.99ft: MUD WEIGHT 9.10

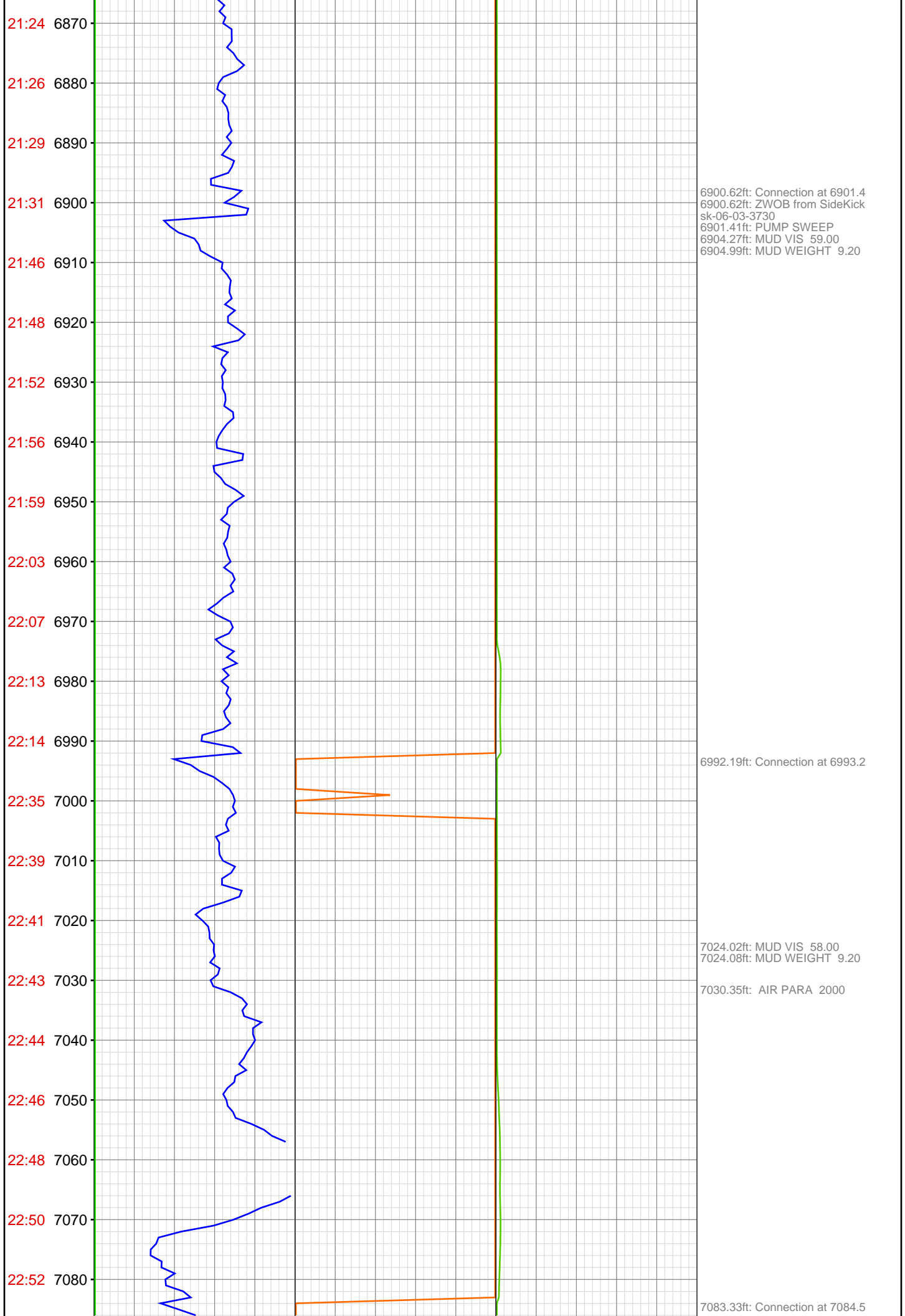


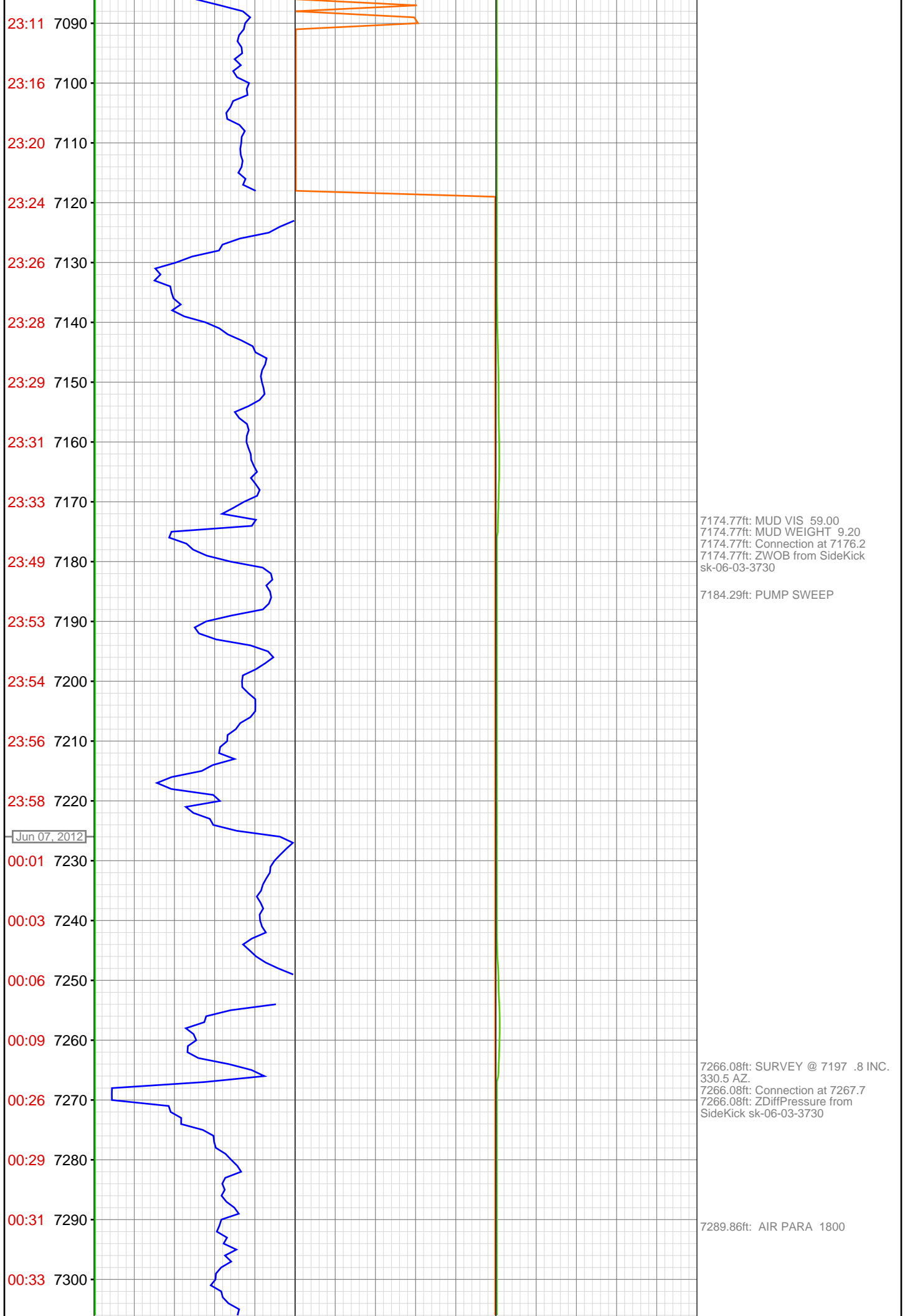


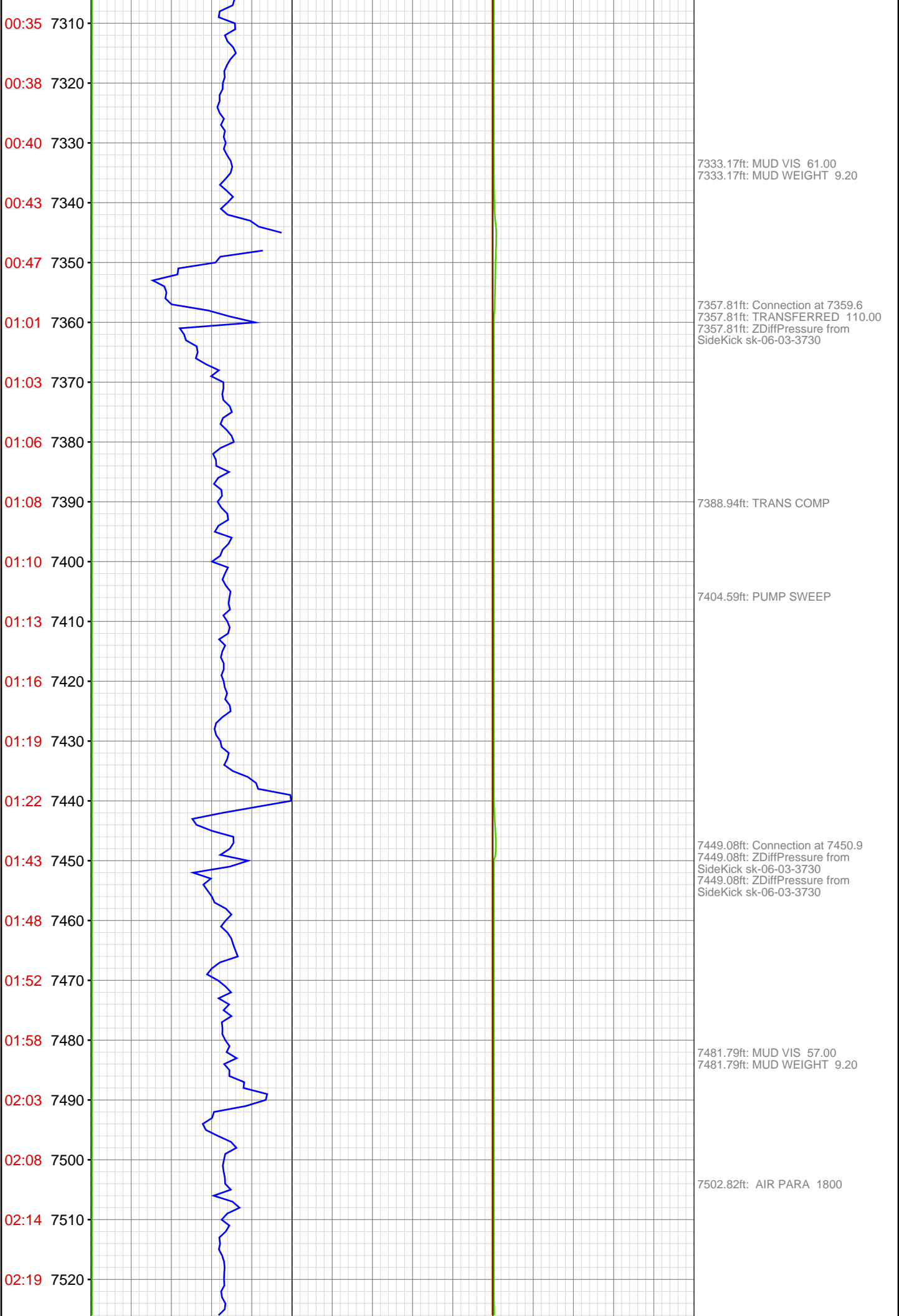


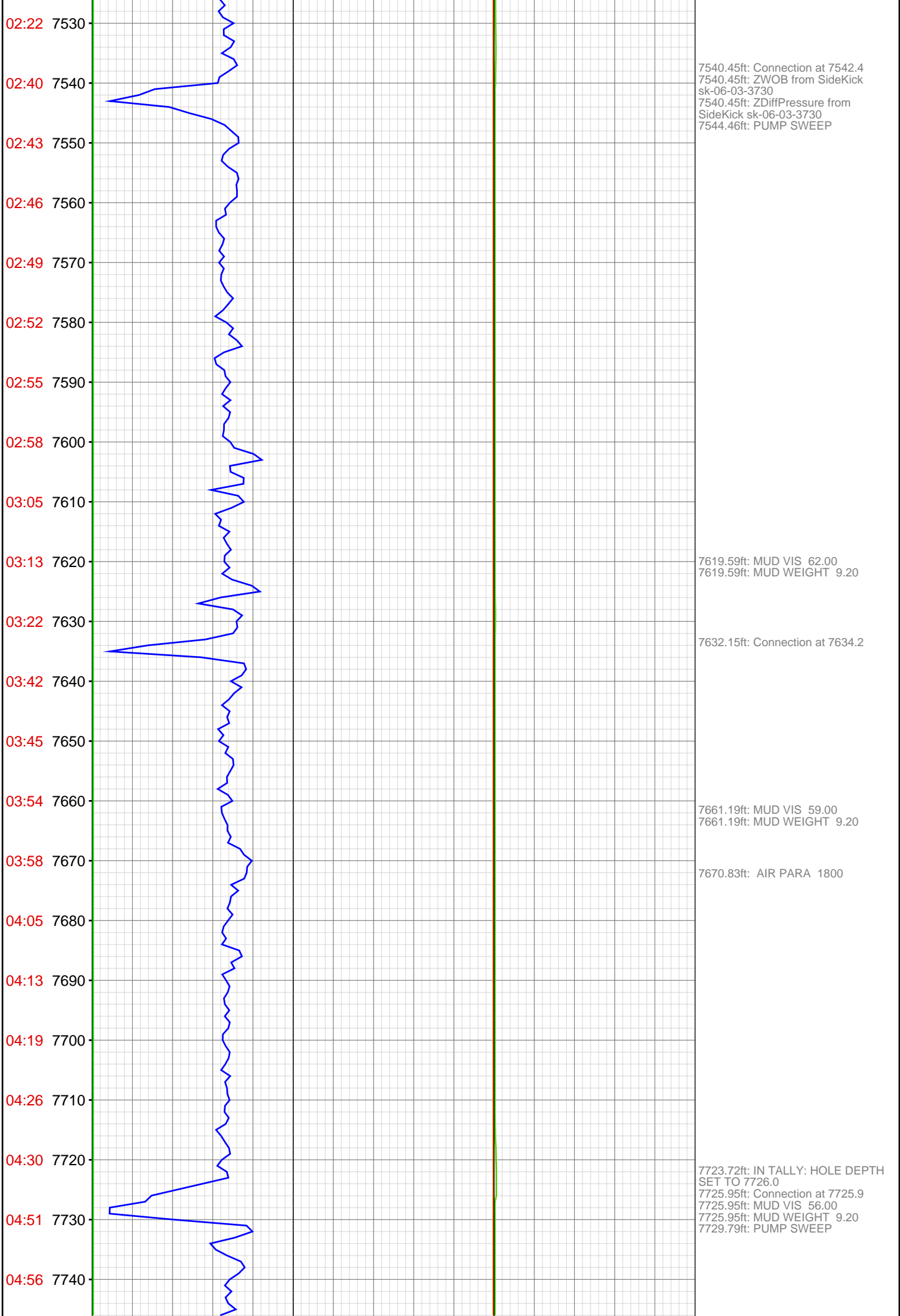


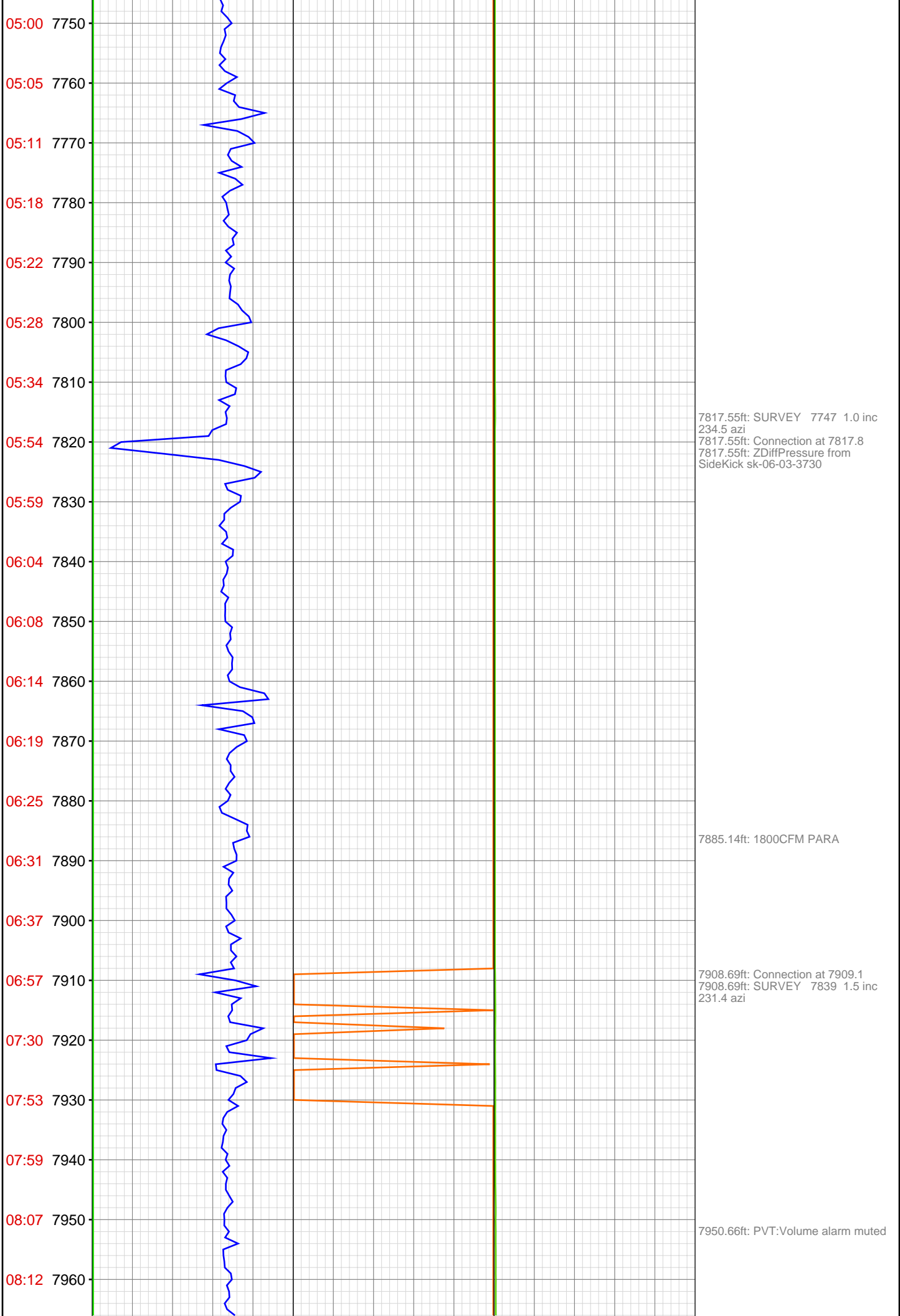


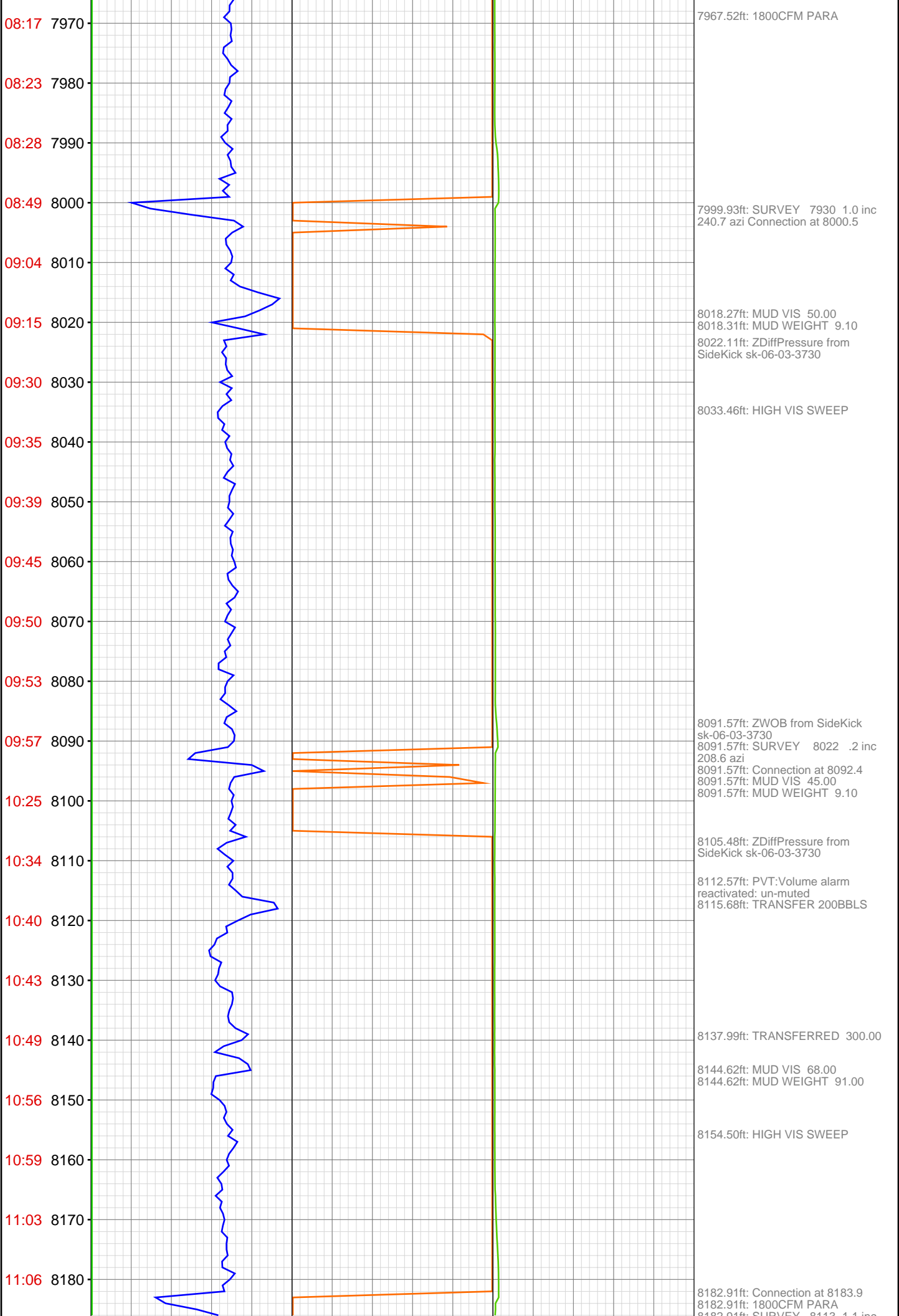


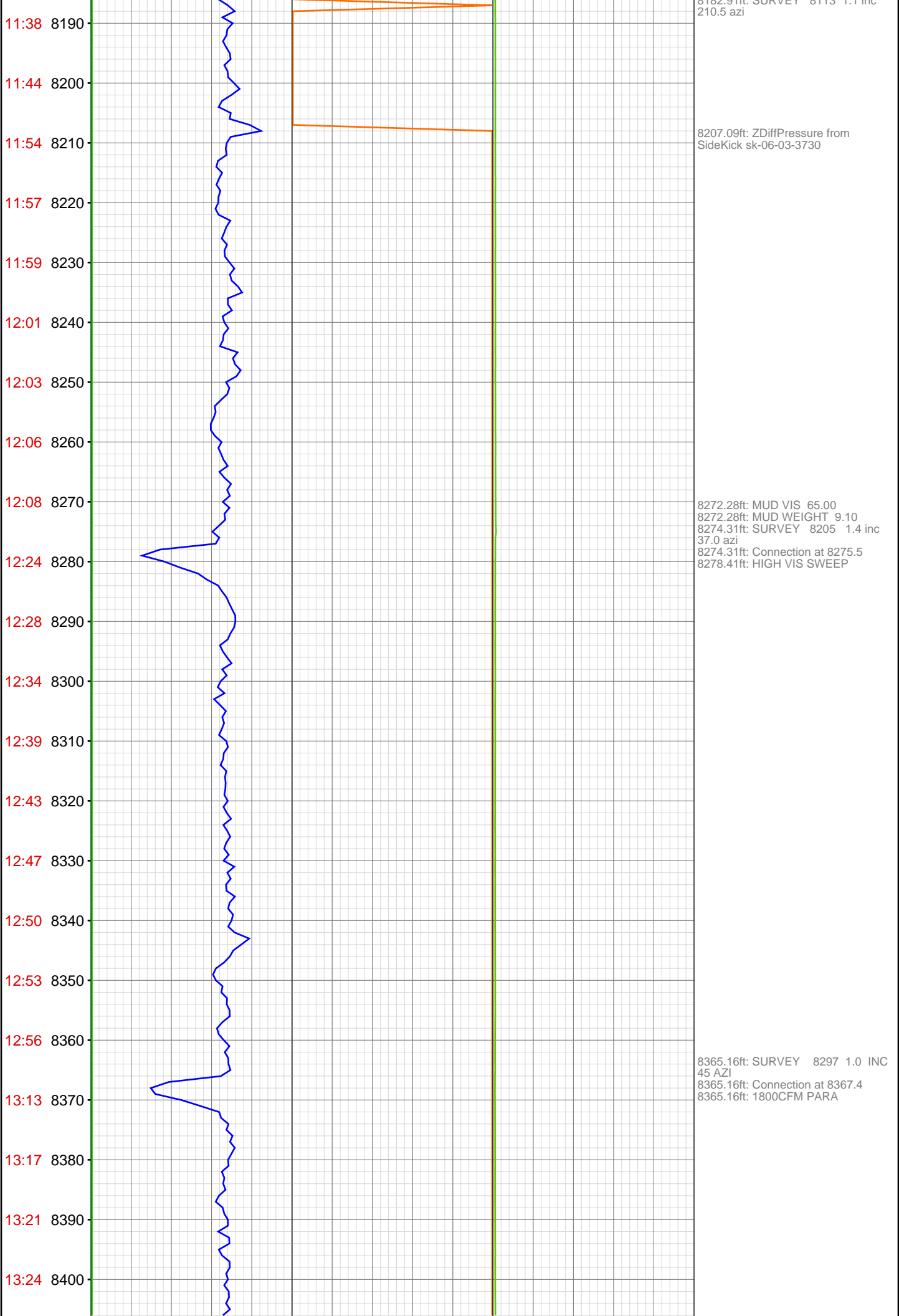












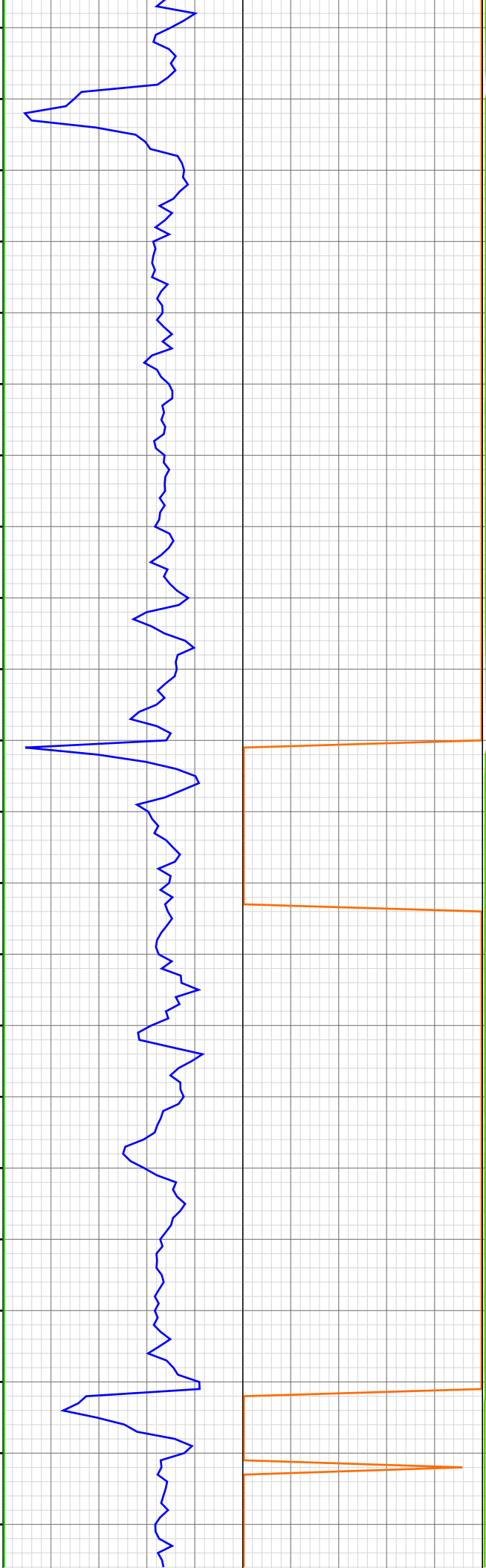
13:30 8410
13:33 8420
13:36 8430
13:40 8440
13:42 8450
14:00 8460
14:03 8470
14:07 8480
14:11 8490
14:15 8500
14:18 8510
14:22 8520
14:27 8530
14:31 8540
15:09 8550
15:12 8560
15:18 8570
15:23 8580
15:27 8590
15:31 8600
15:35 8610
15:38 8620



8456.86ft: SURVEY 8389 .7 INC
136.4 AZI
8456.86ft: Connection at 8459.3
8459.19ft: MUD VIS 55.00
8459.19ft: MUD WEIGHT 9.20

8537.93ft: HIGH VIS SWEEP
8547.67ft: MUD VIS 55.00
8547.67ft: MUD WEIGHT 9.25
8547.67ft: 1800CFM PARA RIG
SERVICE
8547.67ft: SURVEY 8480 .5 INC
355.5 AZI
8547.67ft: MUD VIS 0.54
8547.67ft: MUD WEIGHT 9.30
8547.67ft: Connection at 8550.3
8547.67ft: ZWOB from SideKick
sk-06-03-3730
8547.67ft: ZDiffPressure from
SideKick sk-06-03-3730

15:48 8630
16:14 8640
16:17 8650
16:20 8660
16:24 8670
16:28 8680
16:32 8690
16:35 8700
16:38 8710
16:42 8720
17:06 8730
17:13 8740
17:20 8750
17:28 8760
17:31 8770
17:34 8780
17:37 8790
17:39 8800
17:41 8810
17:44 8820
18:11 8830
18:20 8840



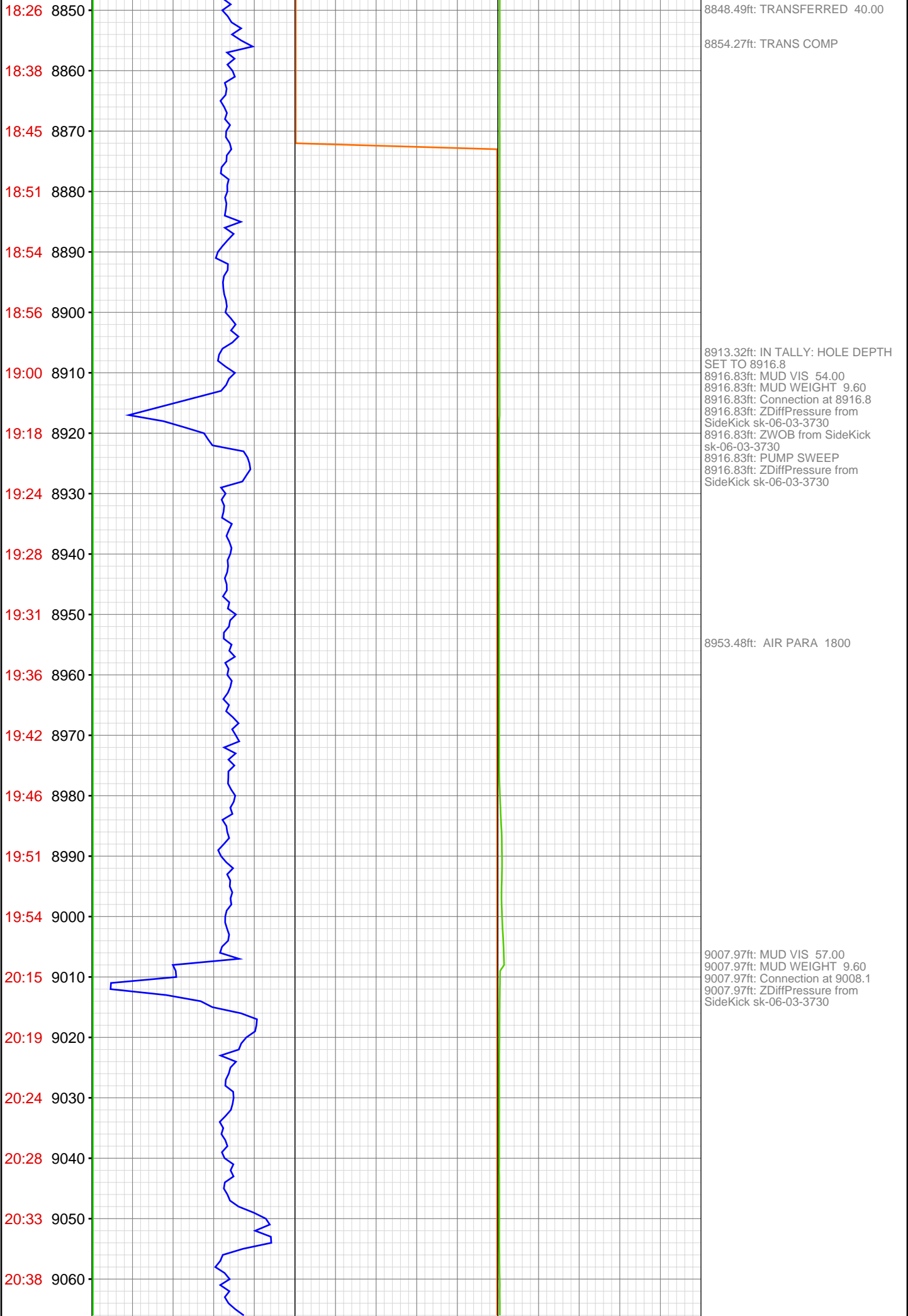
8637.99ft: MUD VIS 56.00
8638.42ft: MUD WEIGHT 9.30
8638.88ft: ZWOB from SideKick
sk-06-03-3730
8638.88ft: SURVEY 8571 .8 inc
255.8 azi
8638.88ft: Connection at 8641.7
8638.88ft: ZDiffPressure from
SideKick sk-06-03-3730
8640.81ft: 1800CFM PARA

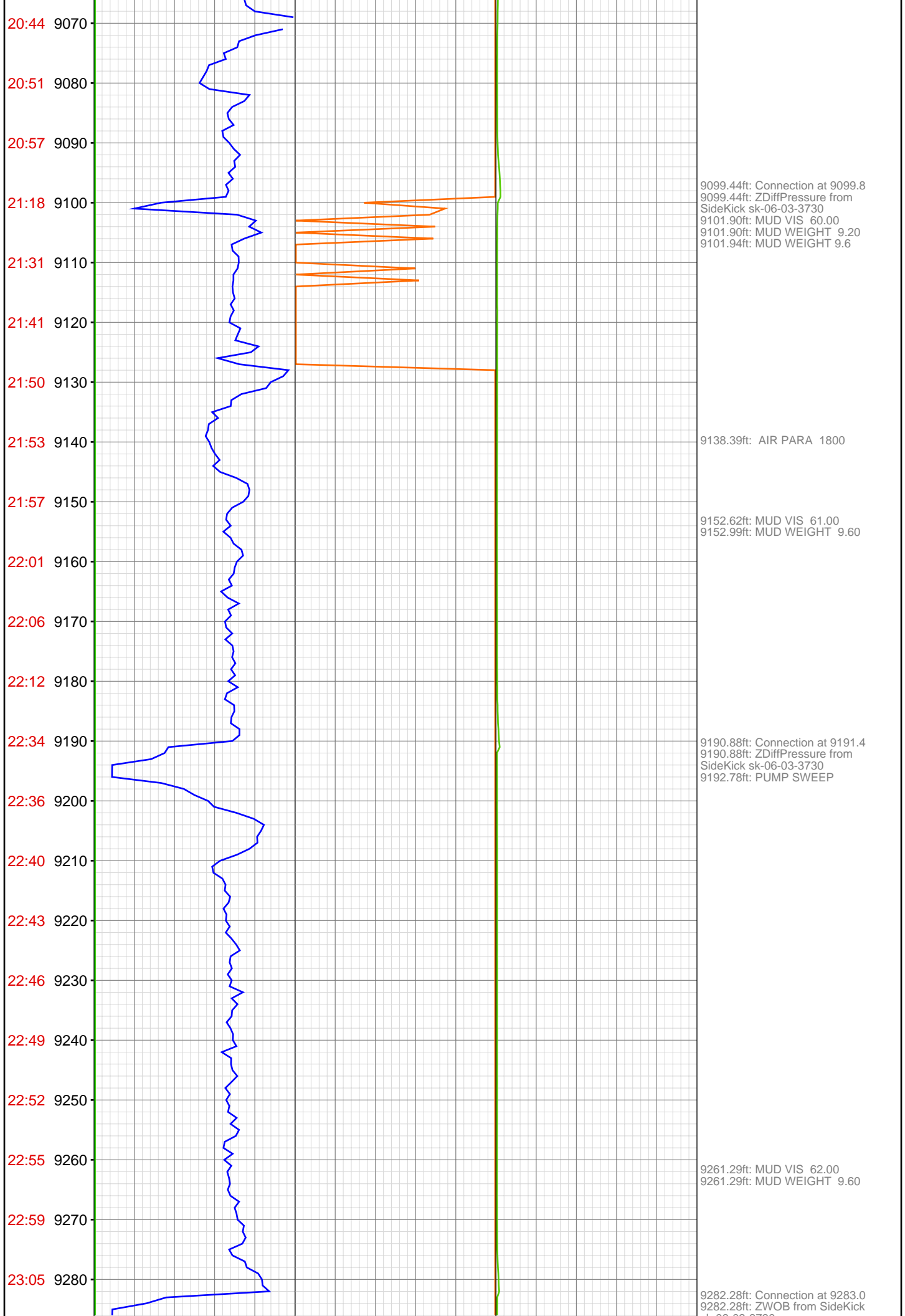
8730.35ft: MUD VIS 58.00
8730.35ft: MUD WEIGHT 9.40
8730.35ft: SURVEY 8663 1.1 inc
247.5 azi
8730.35ft: Connection at 8733.3

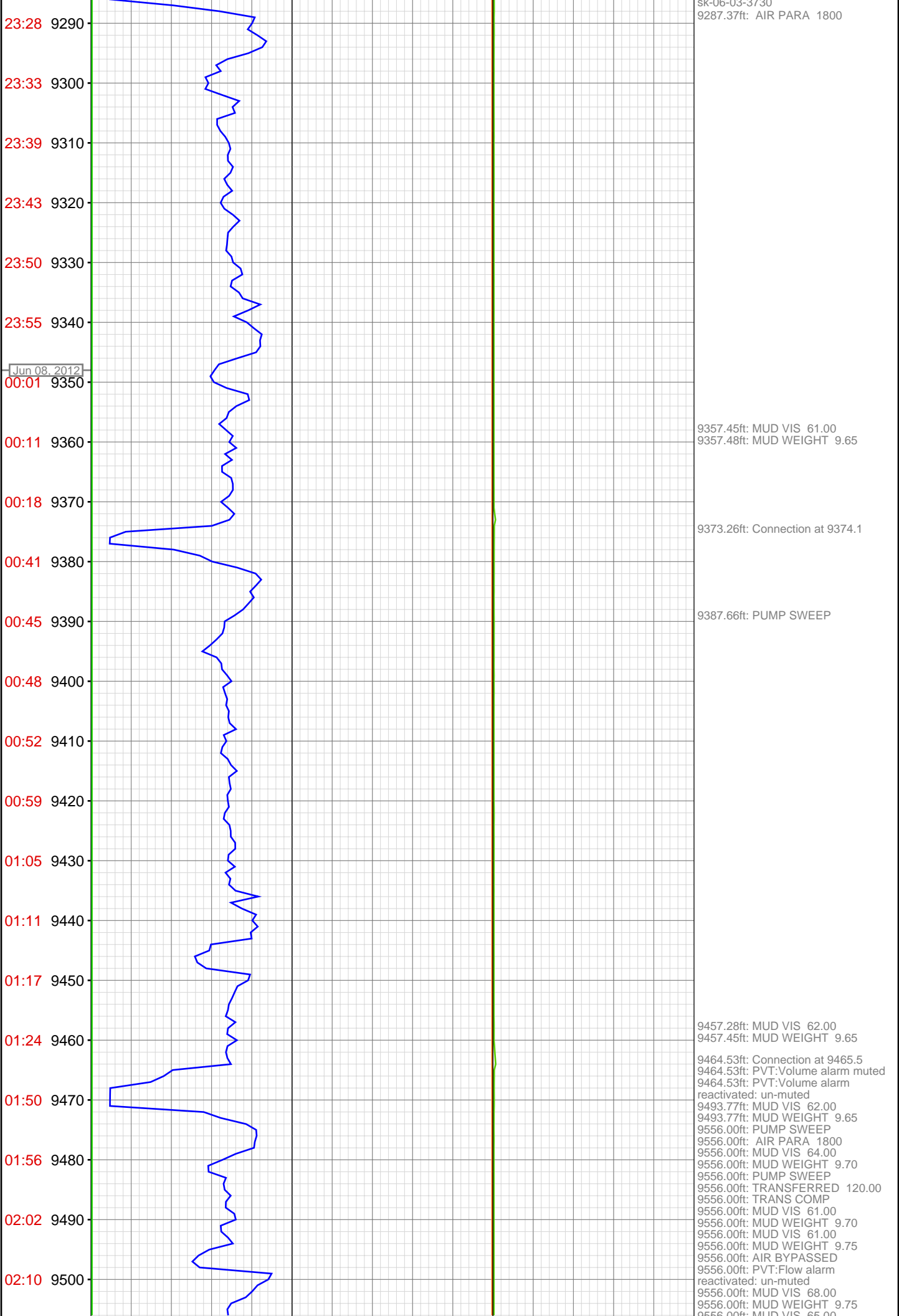
8746.56ft: MUD VIS 54.00
8746.59ft: MUD WEIGHT 9.45

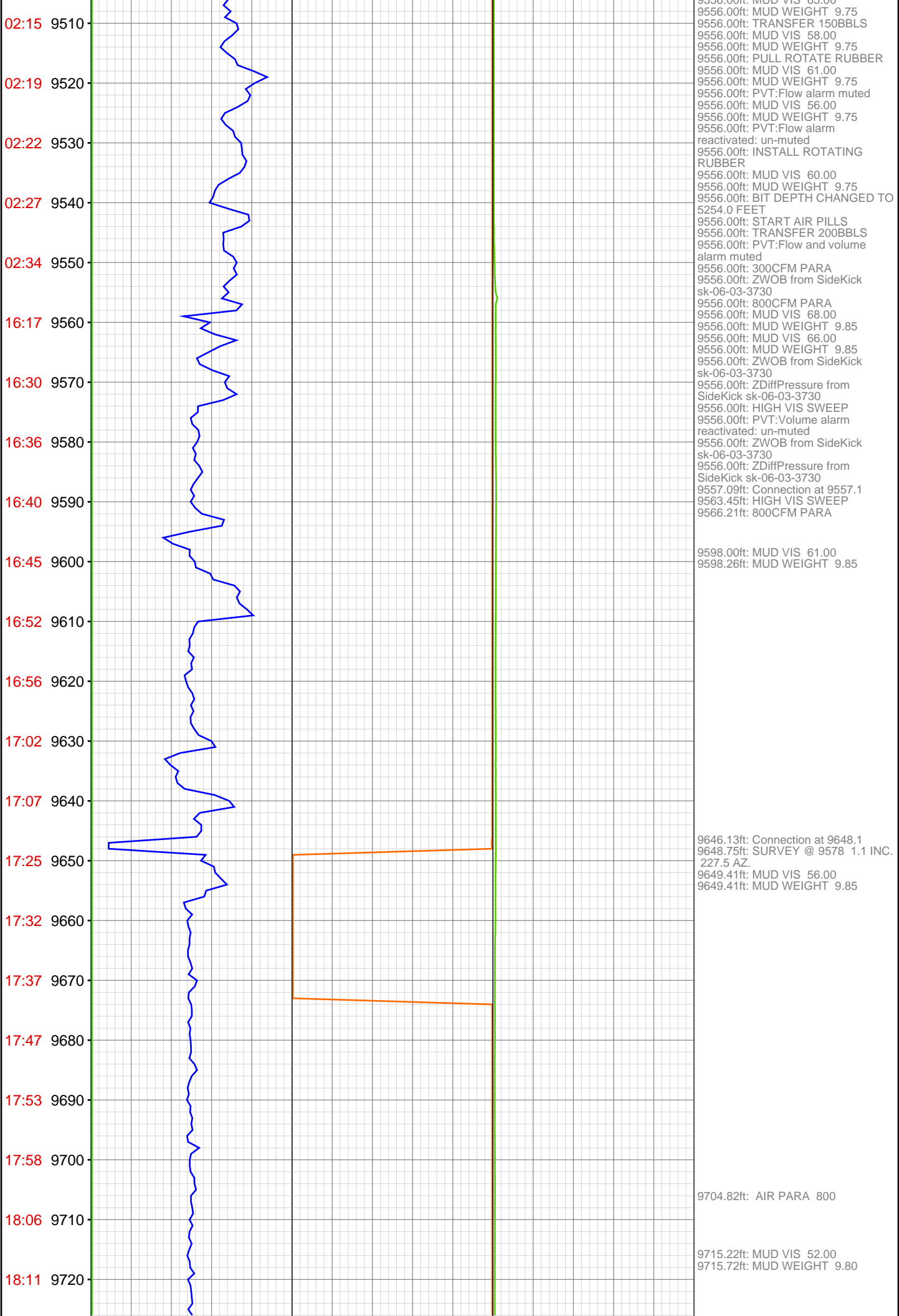
8802.99ft: MUD VIS 55.00
8804.00ft: MUD WEIGHT 9.50

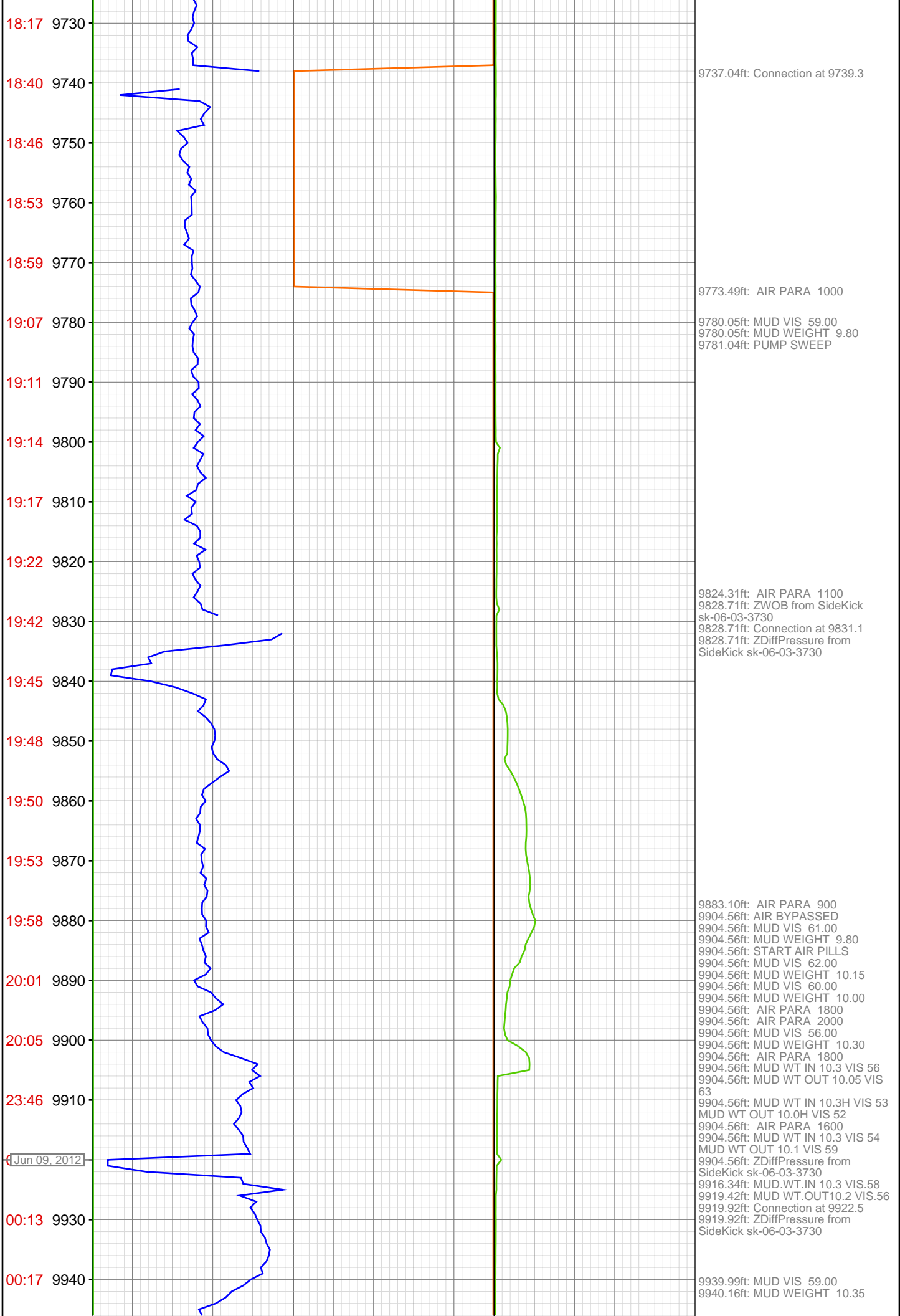
8821.95ft: ZWOB from SideKick
sk-06-03-3730
8821.95ft: Connection at 8825.0
8827.49ft: MUD VIS 56.00
8827.62ft: MUD WEIGHT 9.60



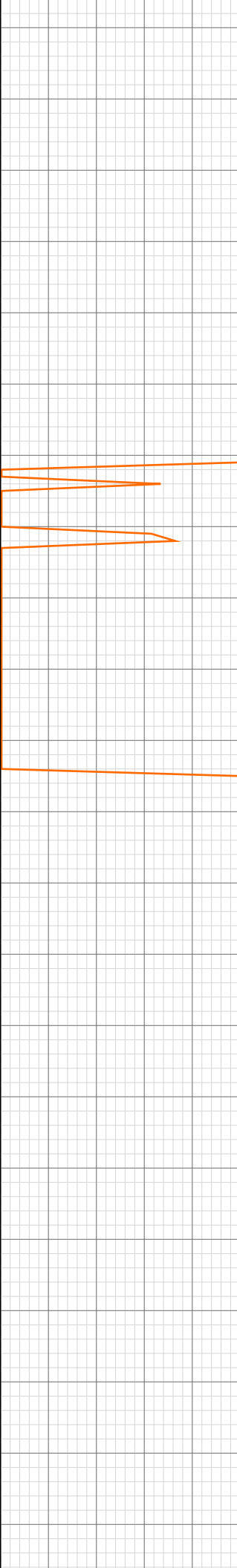
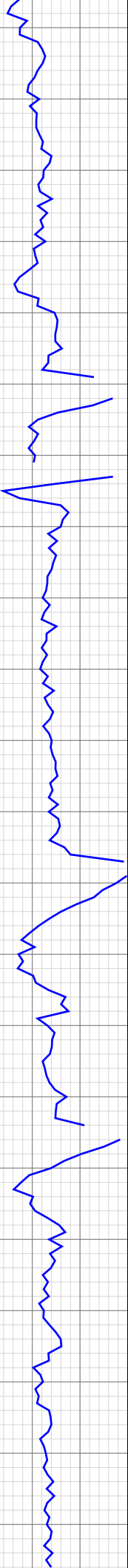








00:20 9950
00:24 9960
00:28 9970
00:32 9980
00:36 9990
00:39 10000
00:43 10010
01:08 10020
01:19 10030
01:24 10040
01:29 10050
01:35 10060
01:38 10070
01:41 10080
01:46 10090
01:50 10100
02:06 10110
02:10 10120
02:15 10130
02:19 10140
02:24 10150
02:30 10160



9984.06ft: AIR PARA 1600

10011.42ft: Connection at 10014.1
10011.42ft: MUD VIS 55.00
10011.42ft: MUD WEIGHT 10.40
10011.42ft: ZDiffPressure from
SideKick sk-06-03-3730

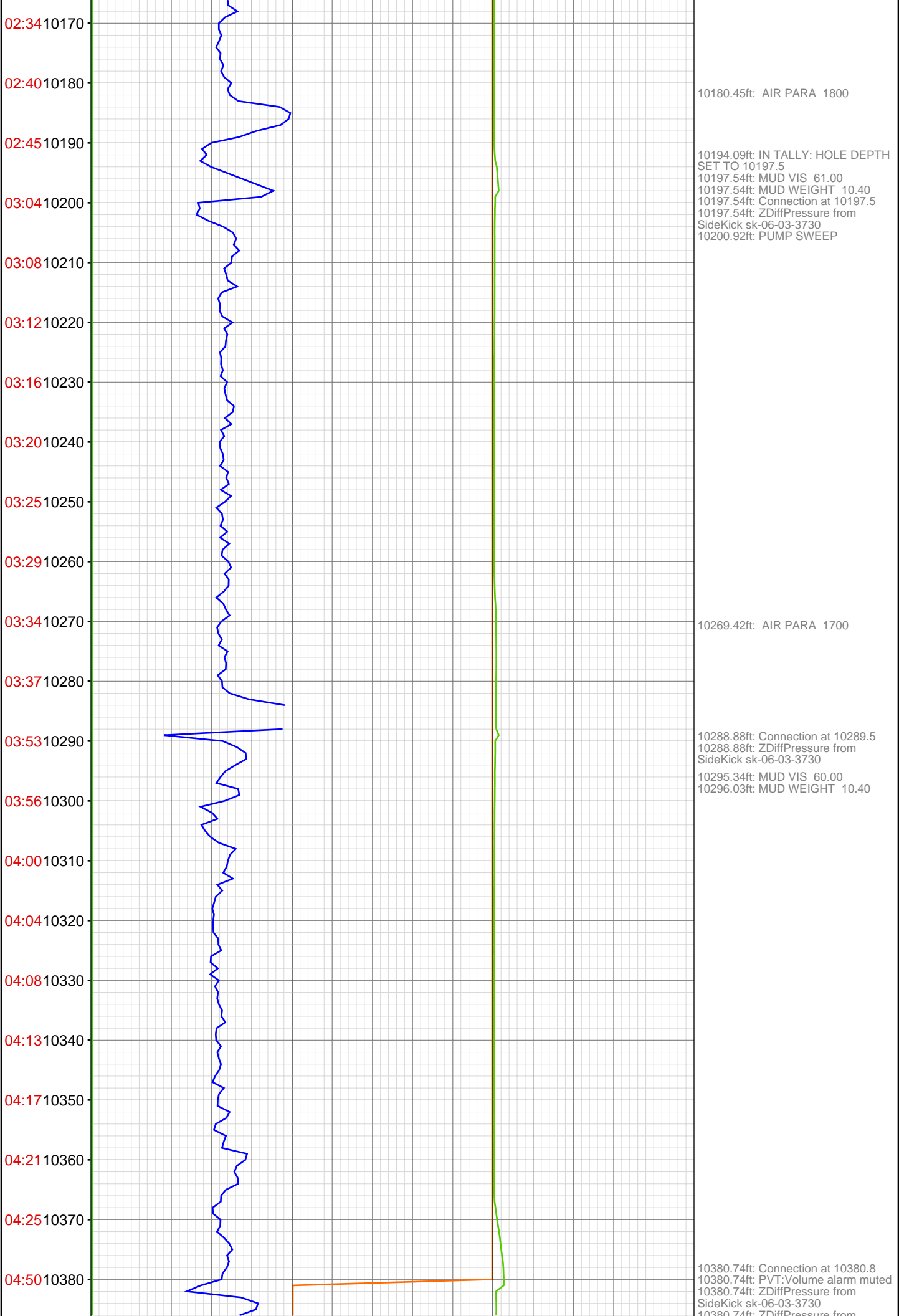
10022.51ft: AIR PARA 1800

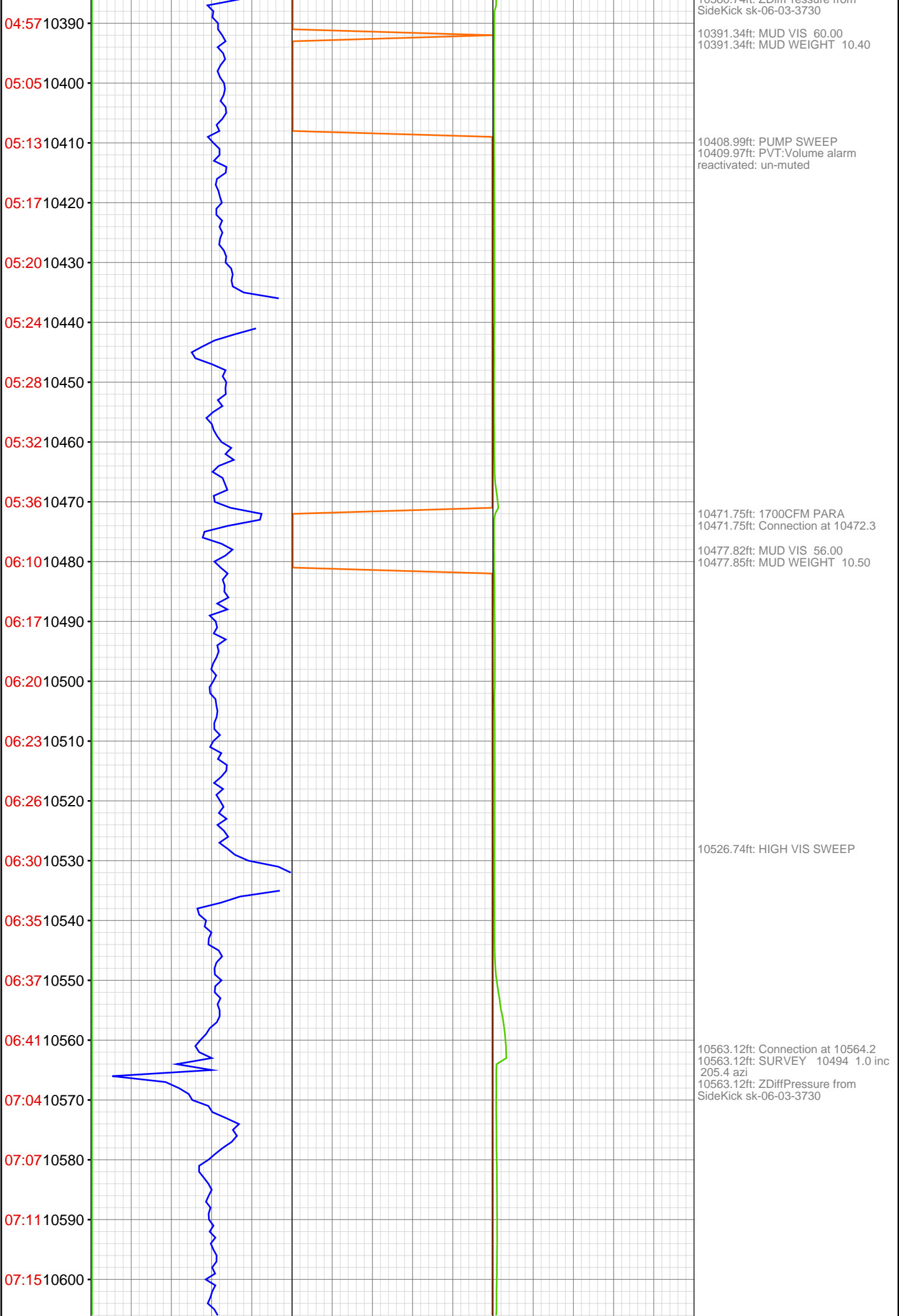
10056.20ft: PUMP SWEEP

10103.05ft: MUD VIS 56.00
10103.05ft: MUD WEIGHT 10.40
10103.05ft: Connection at 10106.0
10103.05ft: ZWOB from SideKick
sk-06-03-3730

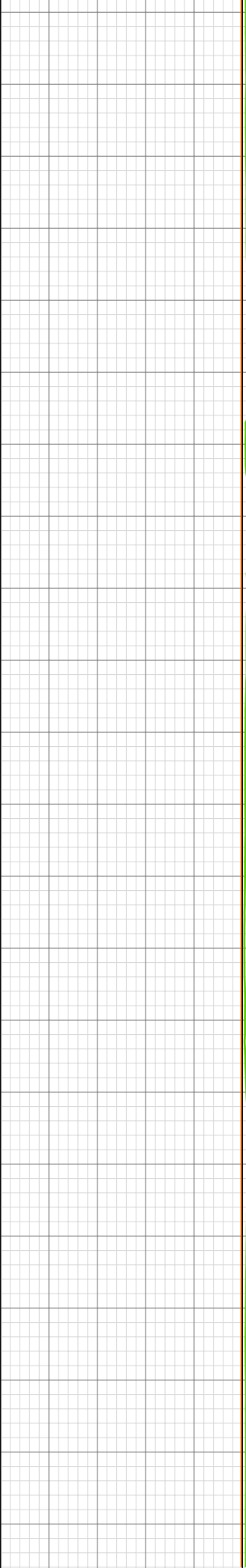
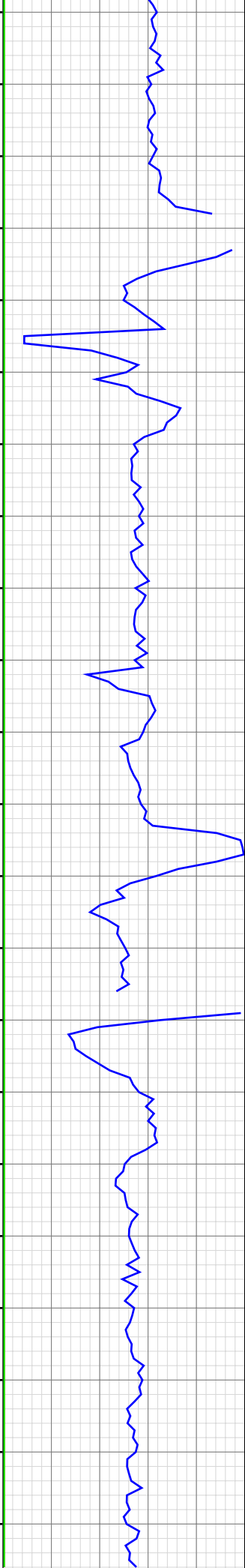
10132.05ft: TRANSFERRED 190.00

10149.02ft: TRANS COMP





07:19 10610
07:27 10620
07:32 10630
07:36 10640
07:40 10650
08:07 10660
08:12 10670
08:15 10680
08:19 10690
08:24 10700
08:34 10710
08:40 10720
08:46 10730
08:51 10740
09:17 10750
09:21 10760
09:24 10770
09:28 10780
09:33 10790
09:38 10800
09:43 10810
09:46 10820



10654.63ft: MUD VIS 65.00
10654.63ft: MUD WEIGHT 10.70
10654.63ft: Connection at 10656.0

10661.16ft: 1600CFM PARA

10667.42ft: 1400CFM PARA

10683.43ft: 1200CFM PARA

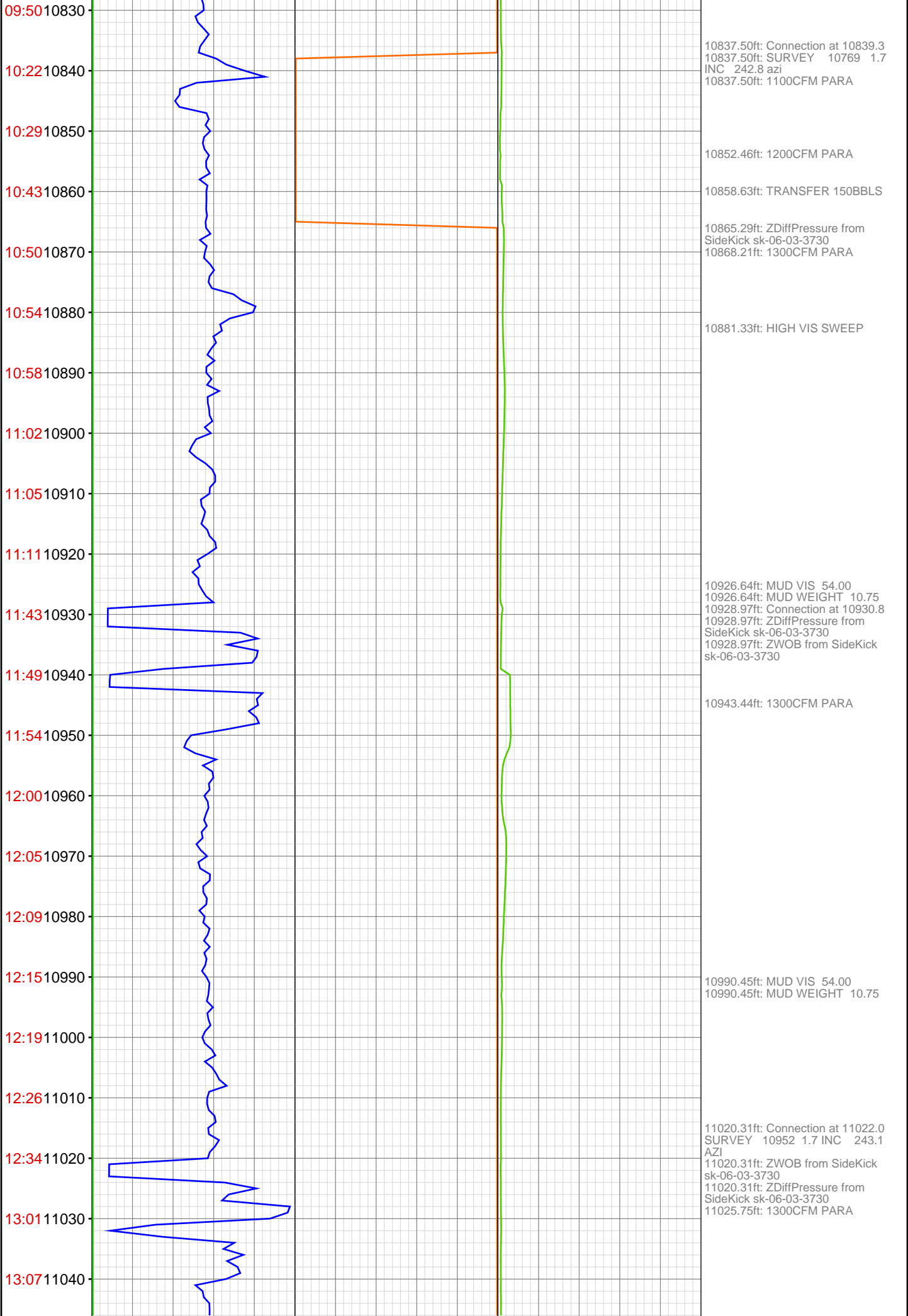
10701.67ft: 1000CFM PARA

10725.66ft: 500CFM PARA

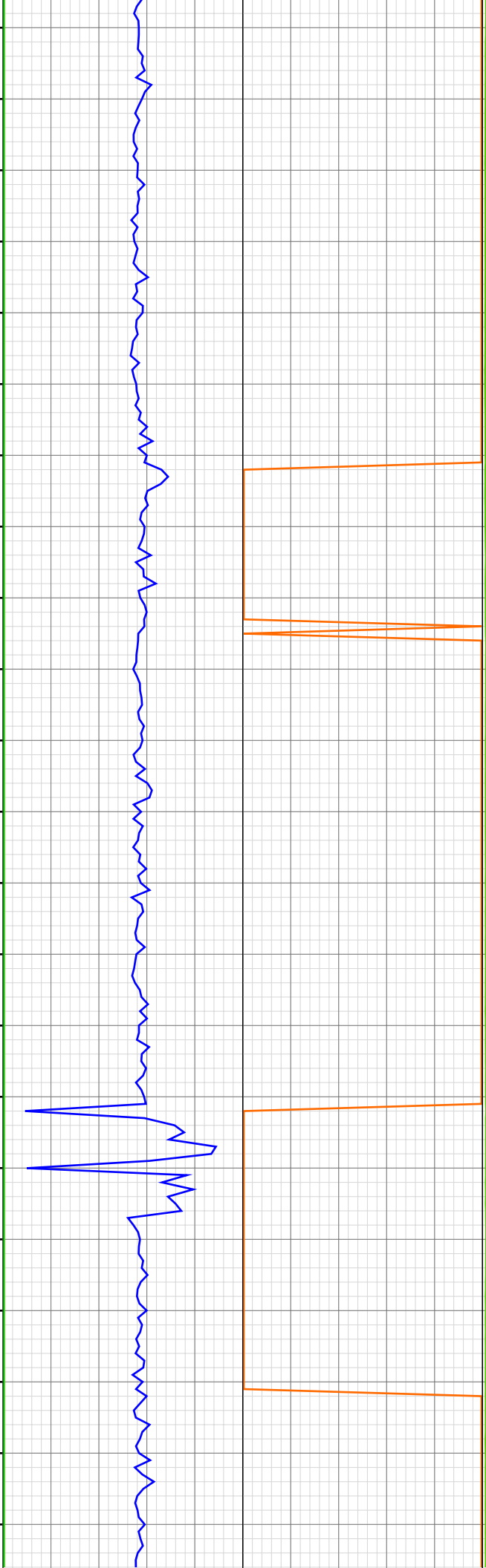
10745.41ft: 1000CFM PARA
10746.13ft: Connection at 10747.6
10746.13ft: SURVEY 10677 1.8
INC 241.5 AZI
10746.13ft: ZDiffPressure from
SideKick sk-06-03-3730

10756.86ft: HIGH VIS SWEEP

10776.02ft: MUD VIS 54.00
10776.48ft: MUD WEIGHT 10.75



13:12 11050
13:19 11060
13:23 11070
13:27 11080
13:31 11090
13:35 11100
13:40 11110
14:19 11120
14:44 11130
14:56 11140
15:00 11150
15:04 11160
15:09 11170
15:16 11180
15:23 11190
15:29 11200
15:54 11210
16:02 11220
16:08 11230
16:14 11240
16:20 11250
16:25 11260



11081.66ft: TRANSFER 100BBLs

11111.32ft: SURVEY 11042 2.0
INC 229.9 AZI
11111.32ft: MUD VIS 52.00
11111.32ft: MUD WEIGHT 10.75
11111.32ft: Connection at 11112.9
11111.32ft: 1300CFM PARA

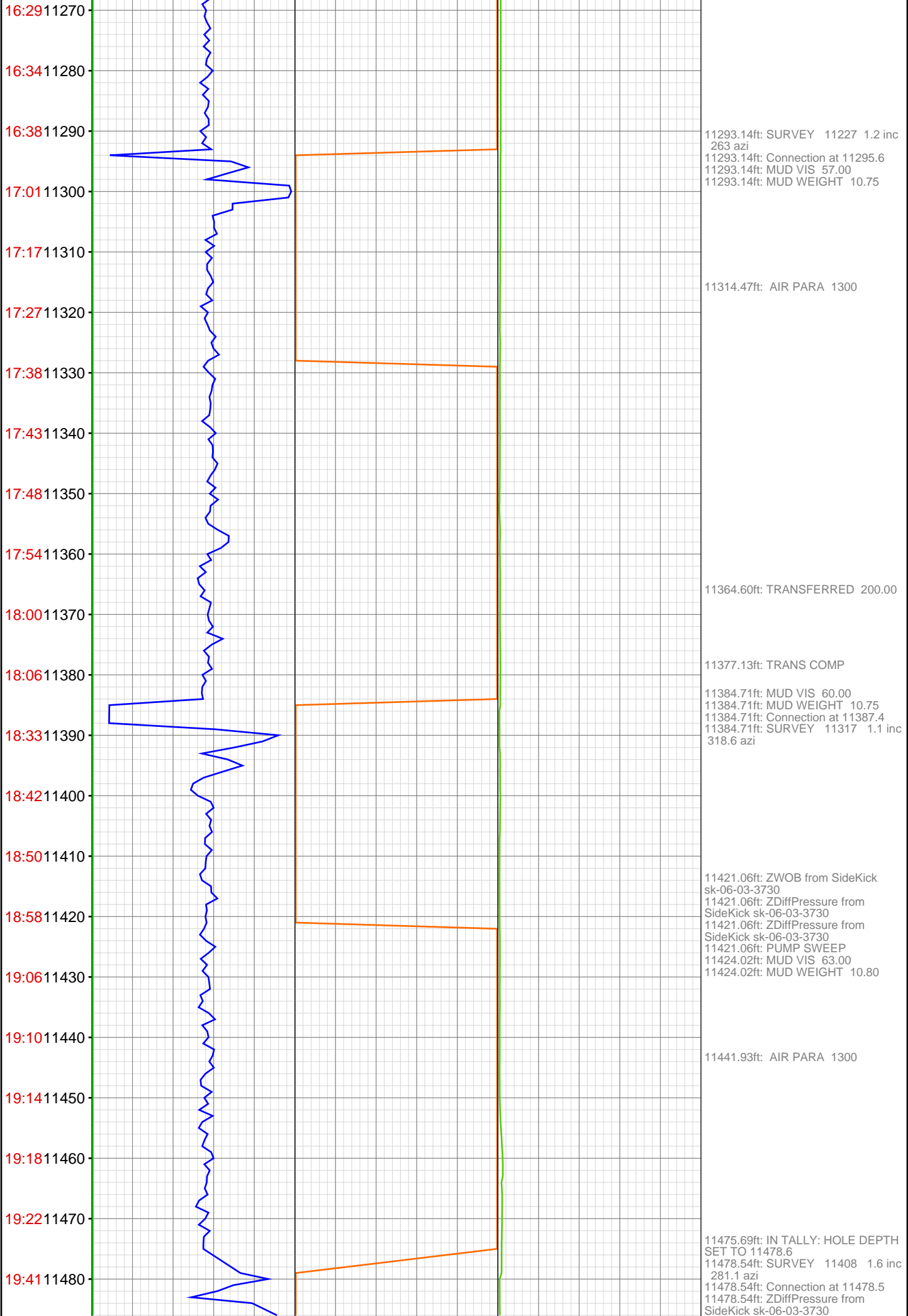
11125.39ft: HIGH VIS SWEEP

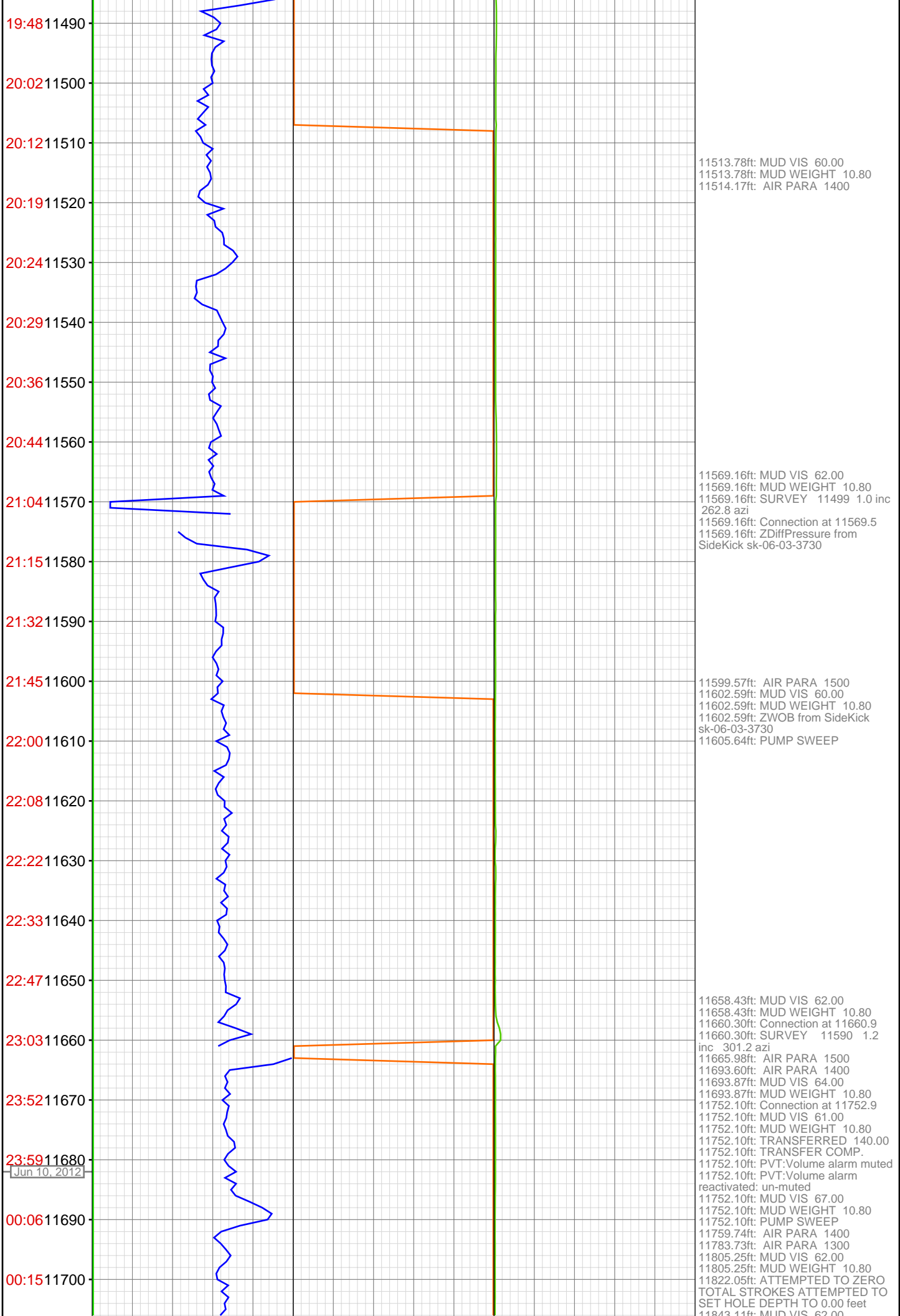
11135.43ft: ZDiffPressure from
SideKick sk-06-03-3730
11135.43ft: ZWOB from SideKick
sk-06-03-3730

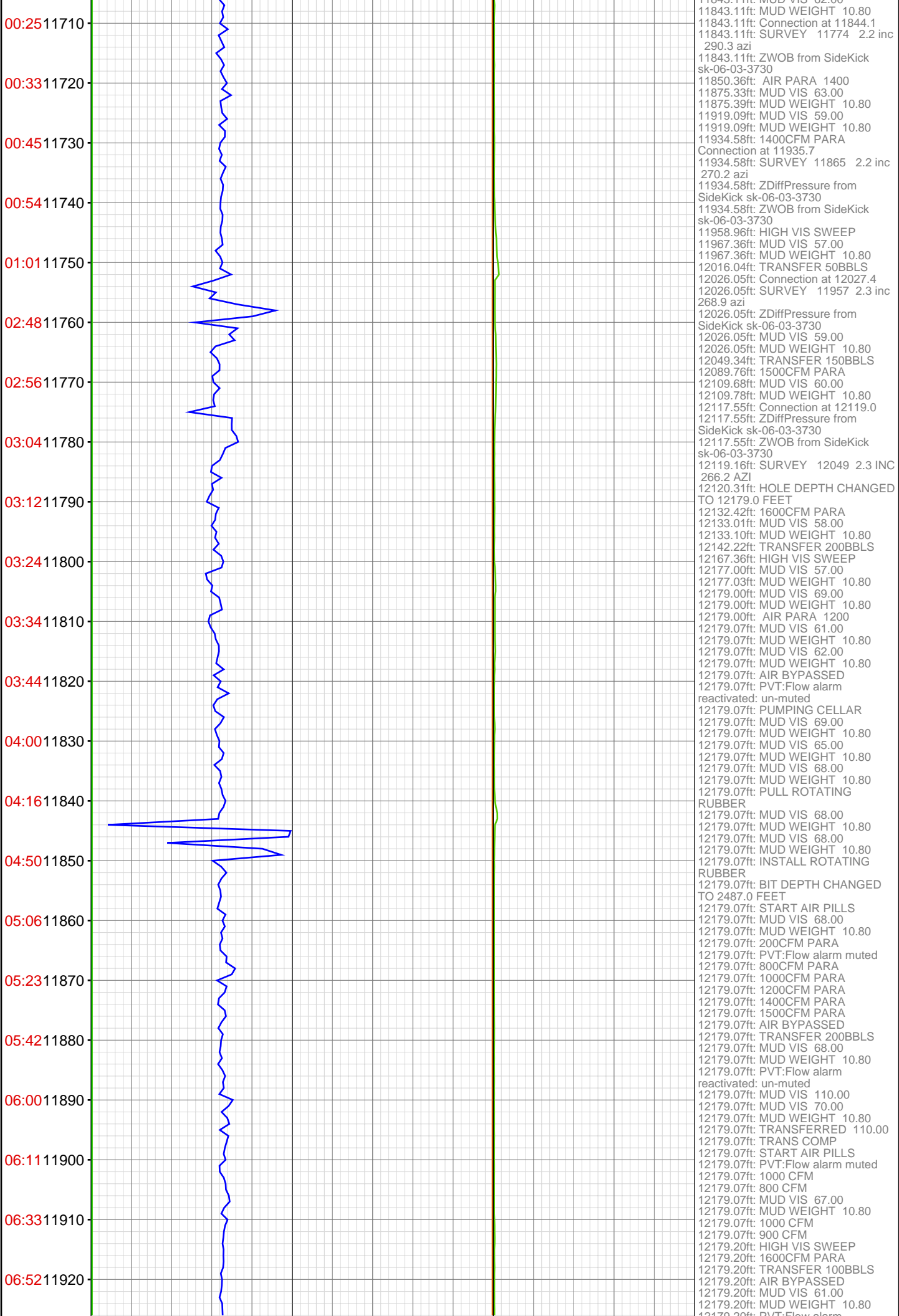
11201.97ft: Connection at 11204.4
11201.97ft: 1300CFM PARA

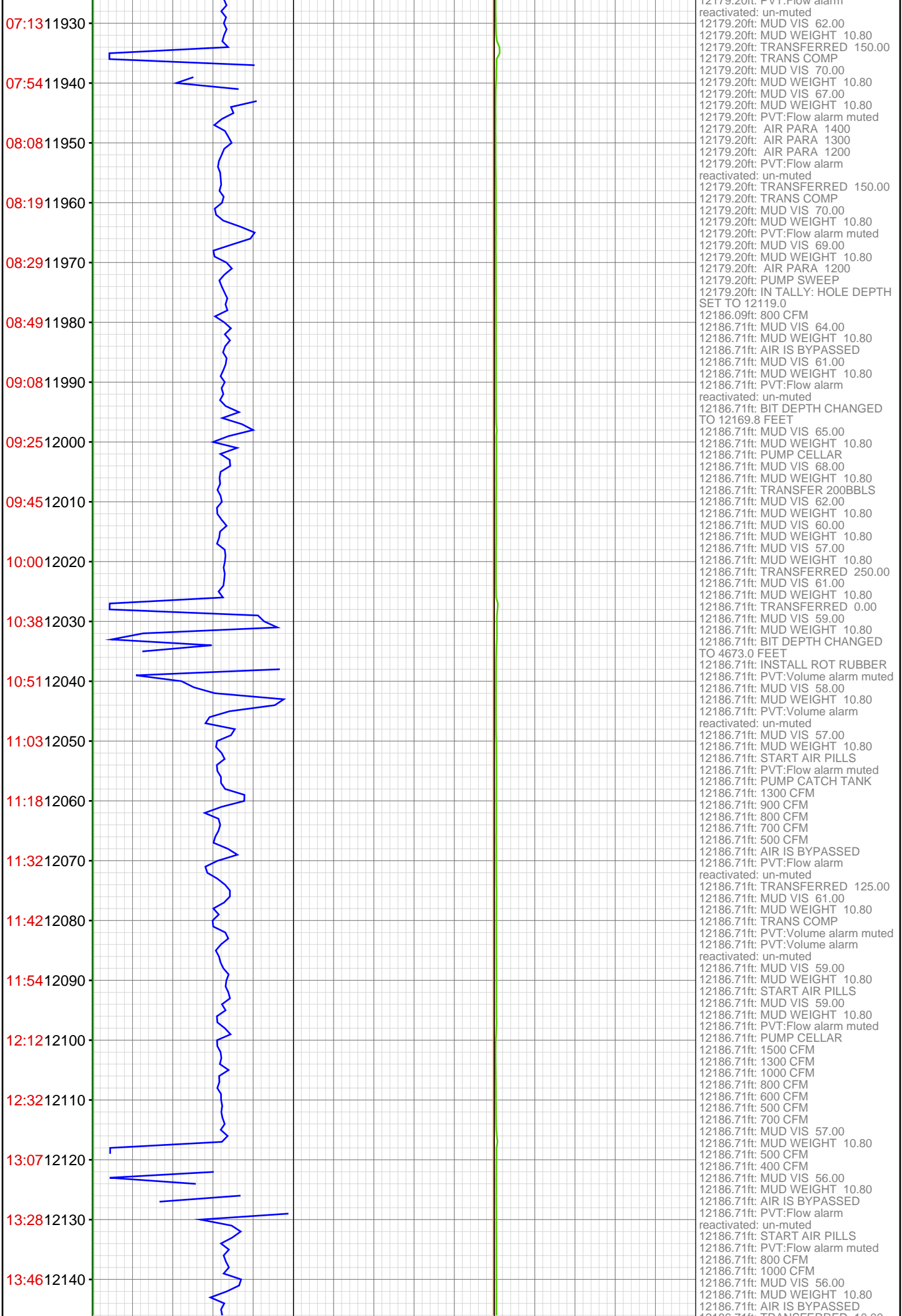
11210.11ft: MUD VIS 55.00
11210.37ft: MUD WEIGHT 10.75

11224.77ft: SURVEY 11134 2.3
INC 240.9 AZI









13:59 12150

14:13 12160

14:30 12170

2 Jun 11, 2012

12190



12186.71ft: TRANSFERRED 10.00
12186.71ft: PVT:Flow alarm
reactivated: un-muted
12186.71ft: START AIR PILLS
12186.71ft: PVT:Flow alarm muted
12186.71ft: 1000 CFM
12186.71ft: 800 CFM
12186.71ft: 900 CFM
12186.71ft: 800 CFM
12186.71ft: MUD VIS 55.00
12186.71ft: MUD WEIGHT 10.80
12186.71ft: MUD VIS 53.00
12186.71ft: MUD WEIGHT 10.80
12186.71ft: MUD VIS 48.00
12186.71ft: MUD WEIGHT 10.75
12186.71ft: PVT:Volume alarm muted
12186.71ft: 200CFM PARA
12186.71ft: TRANSFERRED 150.00
12186.71ft: COR. NO TRANSFER
12186.71ft: MUD WEIGHT 10.60
12186.71ft: MUD VIS 42.00
12186.71ft: 200CFM PARA
12186.71ft: AIR BYPASSED
12186.71ft: START AIR PILLS
12186.71ft: 200CFM PARA
12186.71ft: 400CFM PARA
12186.71ft: 500CFM PARA
12186.71ft: TRANSFERRED 60.00