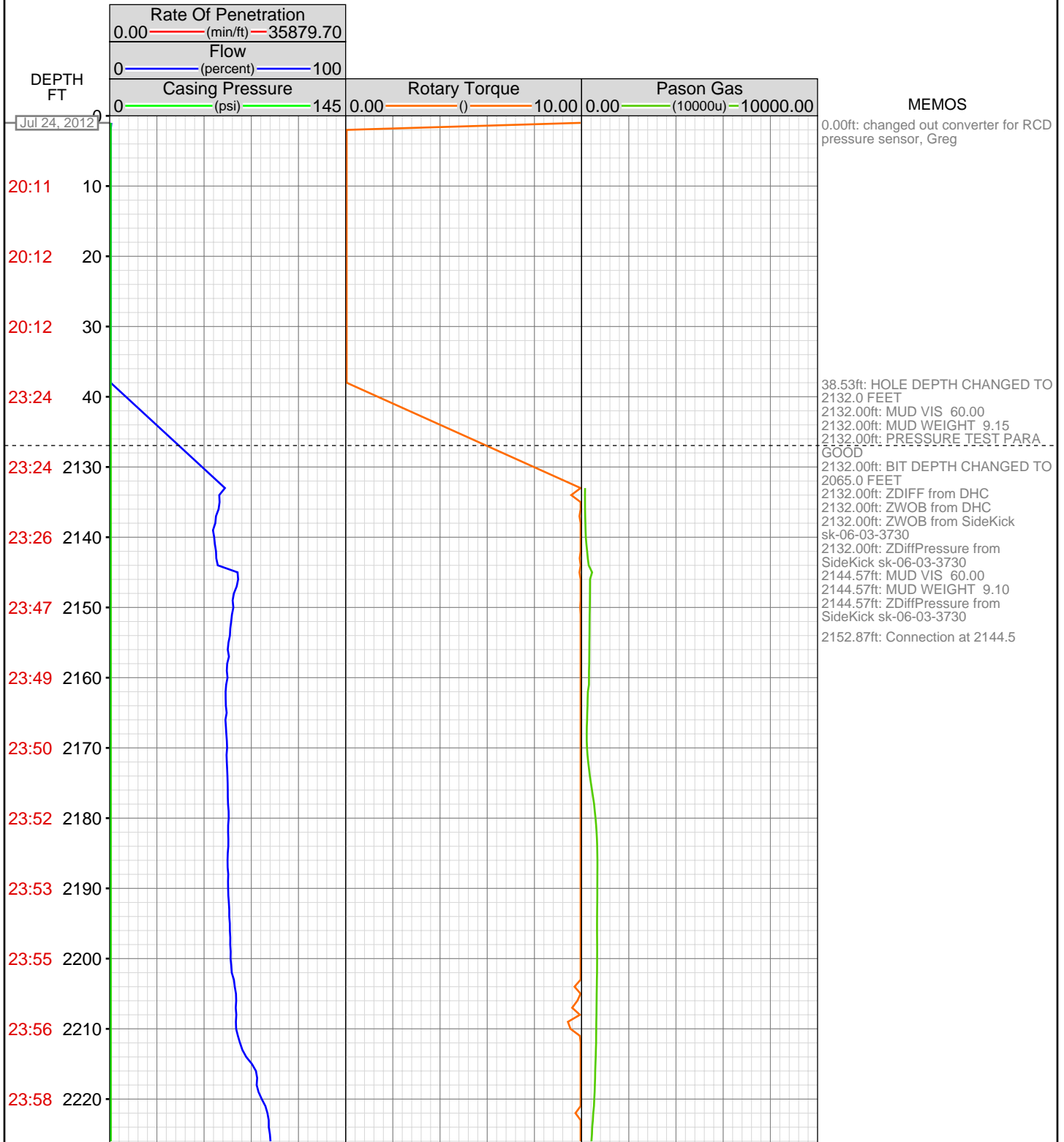


DataHub EDR Log

Wed Aug 01, 2012 09:53:30
Well Dossier 1343134003
Marilyn Tucker

OPERATOR: EnCana Oil & Gas (USA), Inc.
WELL: SG 8516C-21 N22 496
FIELD:
LOCATION: SEC 25 T4S R96W
COUNTRY: USA
RIG: Pat-UTI 306

CONTRACTOR: Patterson-UTI Drilling Company
UNIQUE WELL ID: 05-045-210300-00
SPUD DATE: Jul 24, 2012 22:30
RELEASE DATE:



23:59 2230
Jul 25, 2012

00:20 2240

00:25 2250

00:29 2260

00:31 2270

00:33 2280

00:34 2290

00:36 2300

00:37 2310

00:39 2320

00:51 2330

00:56 2340

01:01 2350

01:06 2360

01:10 2370

01:11 2380

01:13 2390

01:15 2400

01:17 2410

01:28 2420

01:34 2430

01:38 2440

2228.00ft: MUD VIS 65.00
2229.00ft: MUD WEIGHT 9.10

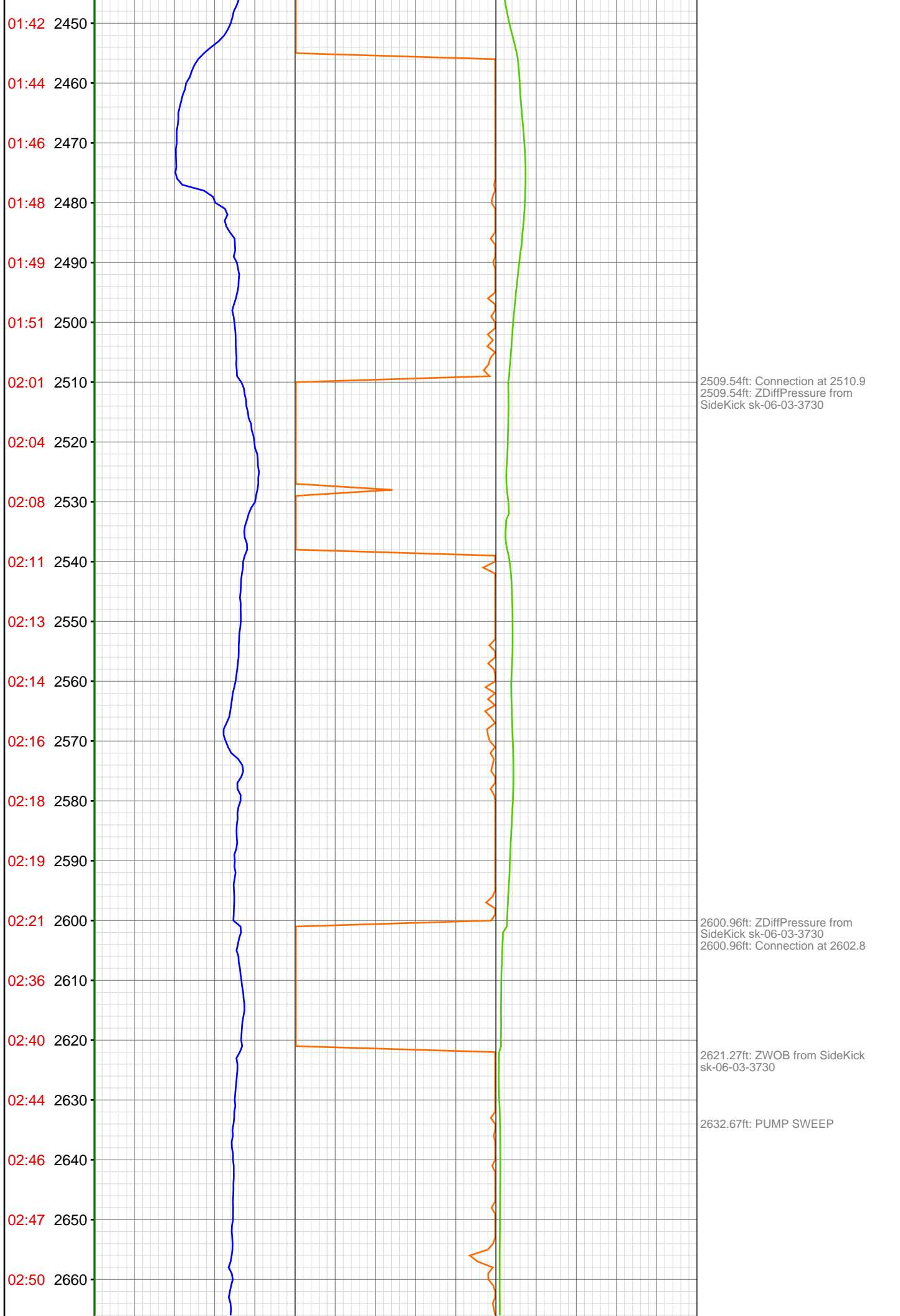
2235.57ft: Connection at 2235.7
2235.79ft: ZDiffPressure from
SideKick sk-06-03-3730

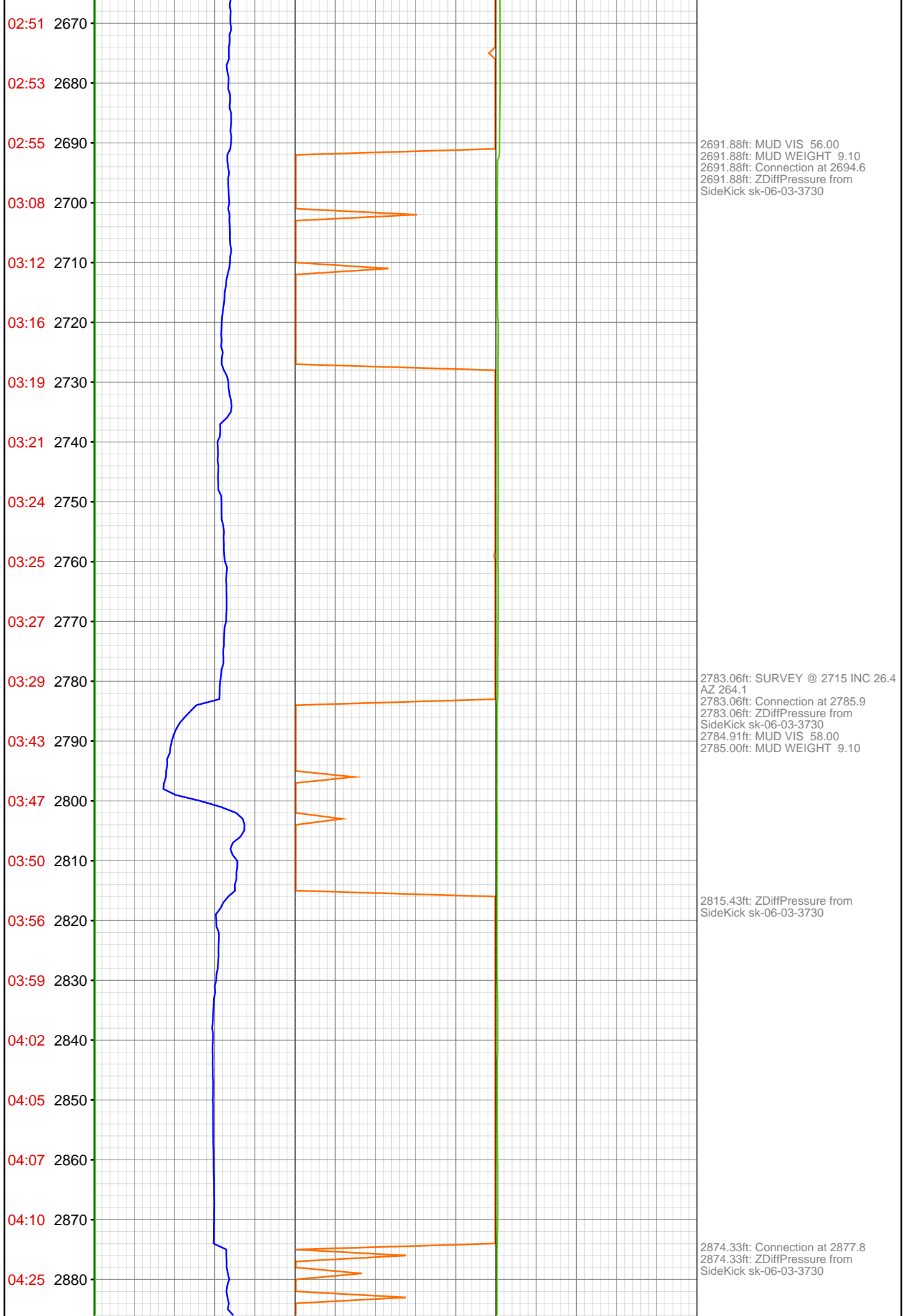
2327.02ft: ZDiffPressure from
SideKick sk-06-03-3730
2327.42ft: Connection at 2327.3
2332.50ft: MUD VIS 58.00
2333.00ft: MUD WEIGHT 9.10

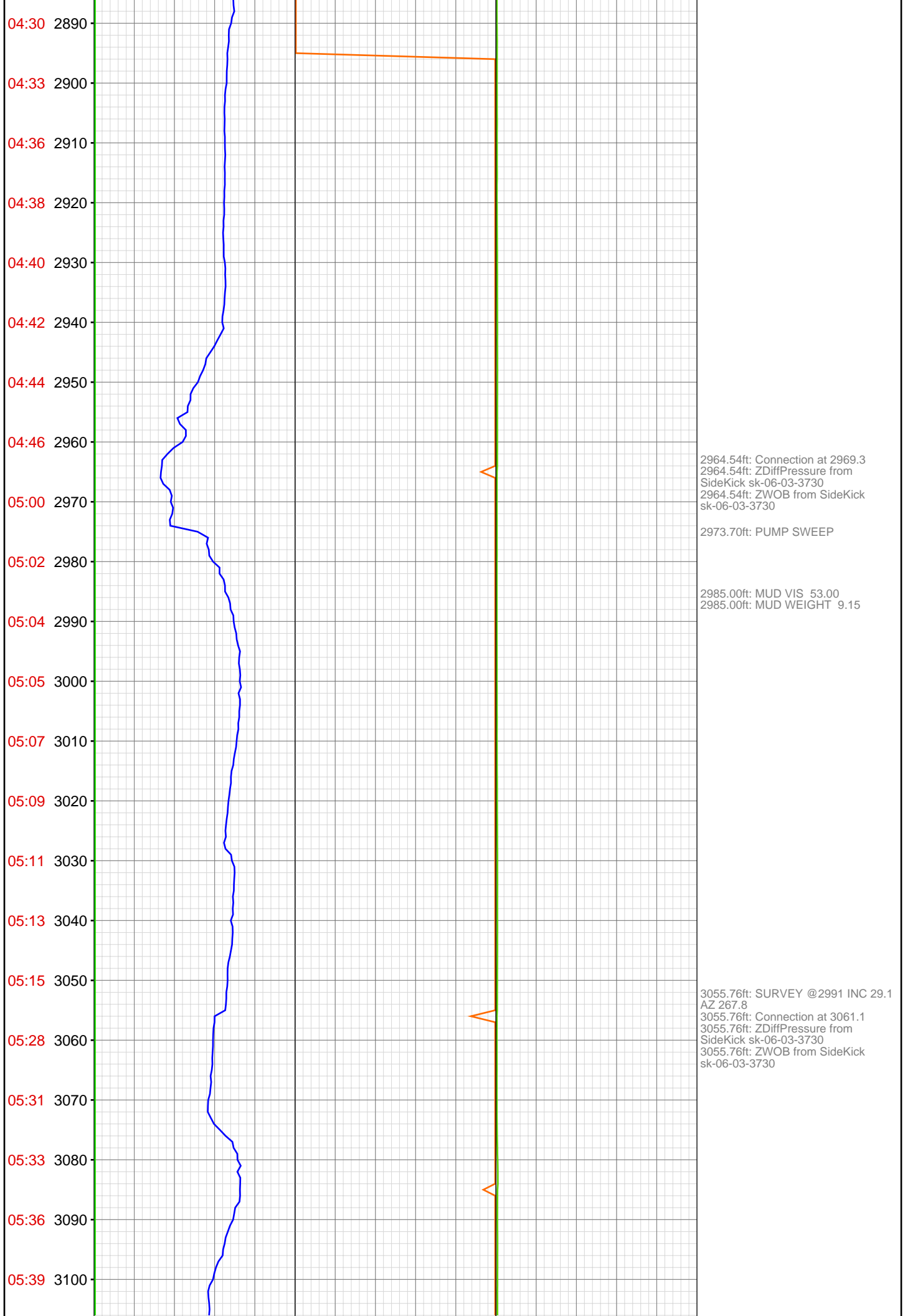
2363.91ft: ZWOB from SideKick
sk-06-03-3730

2418.40ft: Connection at 2419.1
2418.40ft: ZDiffPressure from
SideKick sk-06-03-3730

2435.64ft: MUD VIS 56.00
2436.02ft: MUD WEIGHT 9.10

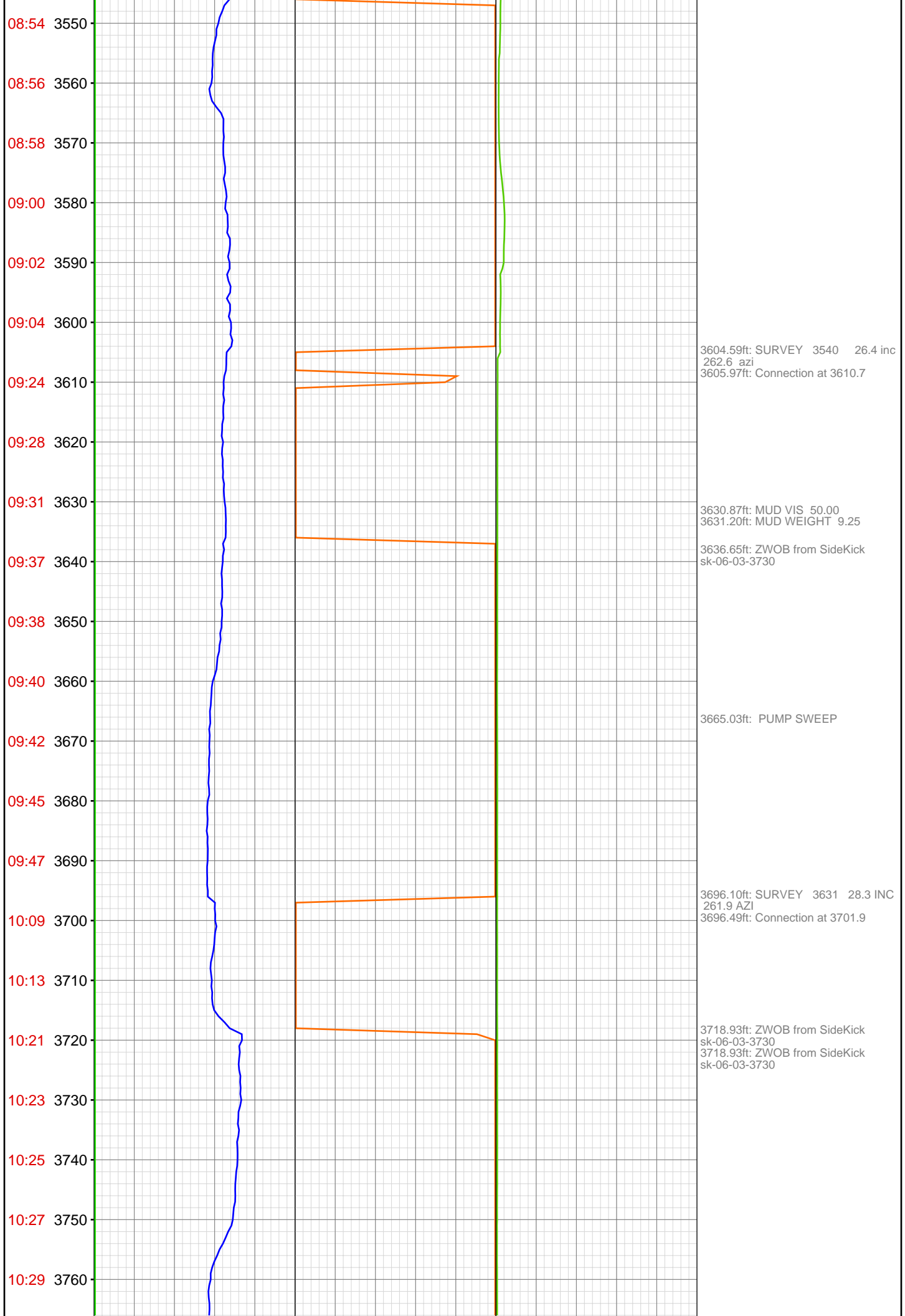




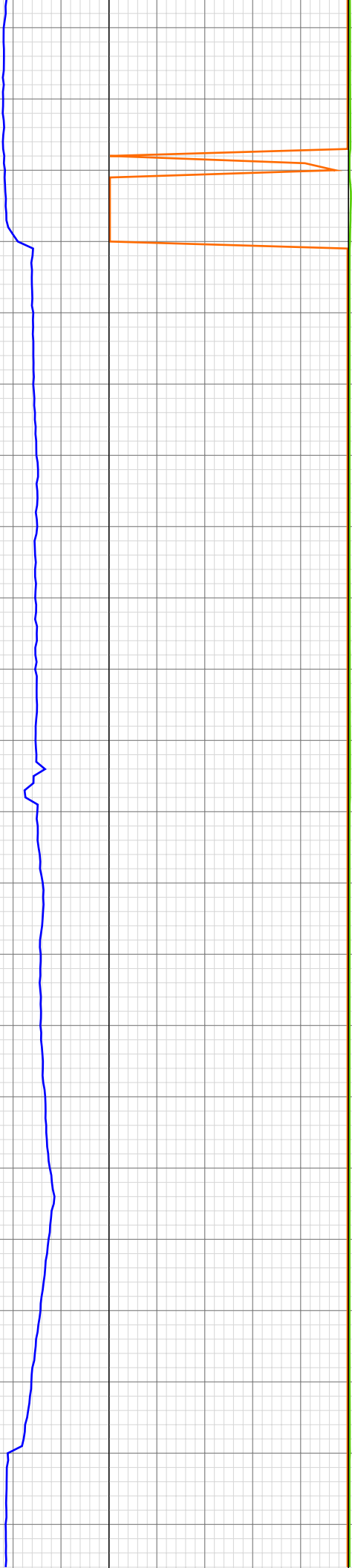








10:31 3770
10:34 3780
10:56 3790
10:59 3800
11:03 3810
11:06 3820
11:08 3830
11:10 3840
11:12 3850
11:15 3860
11:17 3870
11:32 3880
11:34 3890
11:35 3900
11:37 3910
11:39 3920
11:42 3930
11:44 3940
11:46 3950
11:48 3960
12:04 3970
12:07 3980



3787.37ft: SURVEY 3723 30.9 inc
262 azi
3787.37ft: Connection at 3793.6
3789.40ft: MUD VIS 61.00
3789.70ft: MUD WEIGHT 9.25

3800.39ft: ZWOB from SideKick
sk-06-03-3730

3878.45ft: SURVEY 3815 31.4 inc
262.2 azi
3878.45ft: Connection at 3885.5
3878.45ft: ZDiffPressure from
SideKick sk-06-03-3730

3969.85ft: SURVEY 3907 30.0 INC
261.5 AZI
3969.85ft: MUD VIS 51.00
3969.85ft: MUD WEIGHT 9.20
3969.85ft: ZWOB from SideKick
sk-06-03-3730
3975.62ft: Connection at 3977.1

12:09 3990
12:11 4000
12:13 4010
12:15 4020
12:17 4030
12:19 4040
12:22 4050
12:24 4060
12:39 4070
12:45 4080
12:51 4090
12:53 4100
12:55 4110
12:57 4120
12:59 4130
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13:04 4150
13:21 4160
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13:30 4180
13:32 4190
13:34 4200

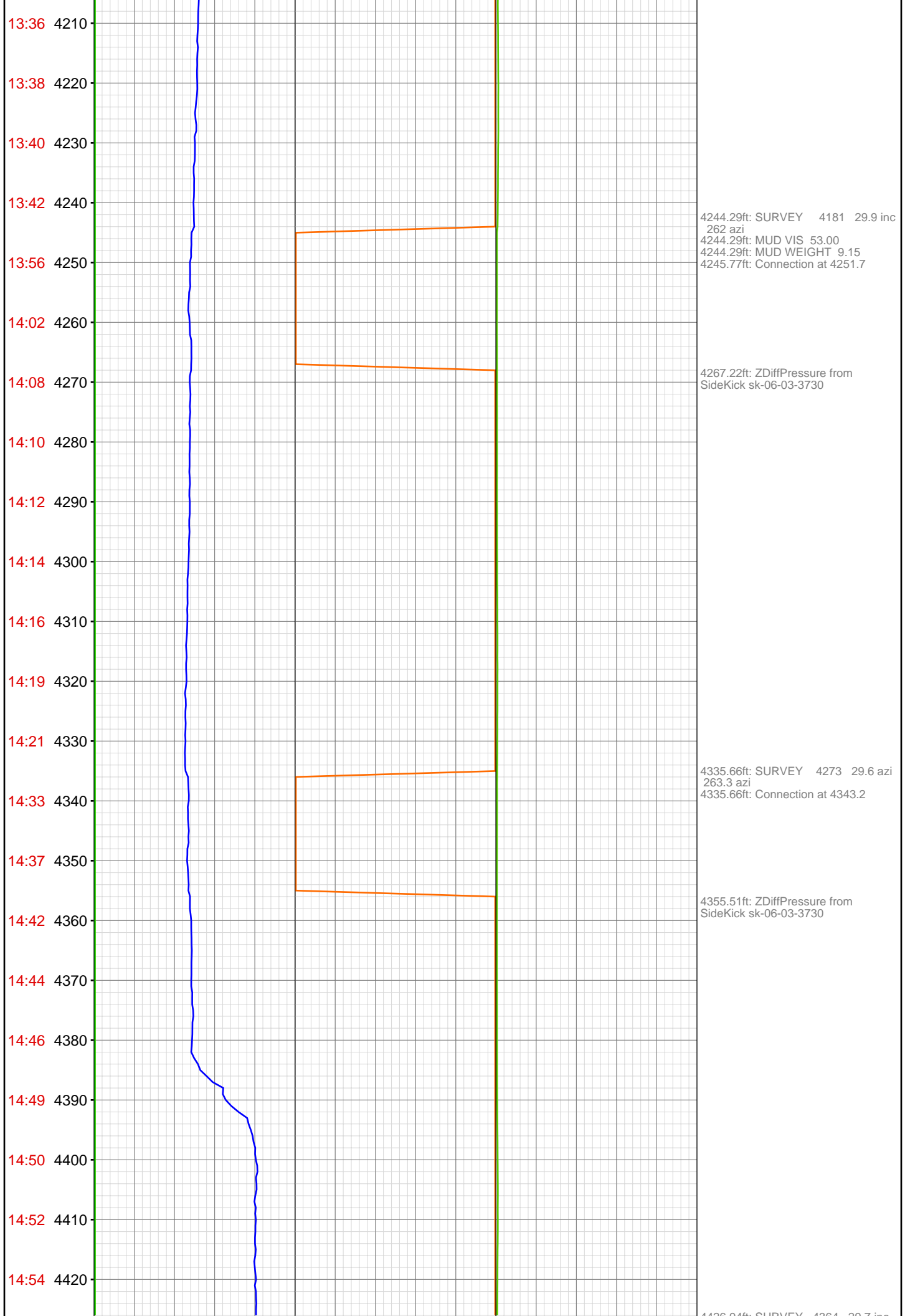
4061.19ft: SURVEY 3998 28.8 inc
260.8 azi
4062.86ft: Connection at 4068.6
4066.08ft: HGAS_024: LOCATION2
High LEL Alarm
4066.57ft: HGAS_004: Horn Muted
4067.09ft: HGAS_020: LOCATION1
Low LEL Alarm
4067.32ft: HGAS_021: LOCATION1
High LEL Alarm
4067.32ft: HGAS_004: Horn Muted
4070.34ft: PVT Horn Disabled

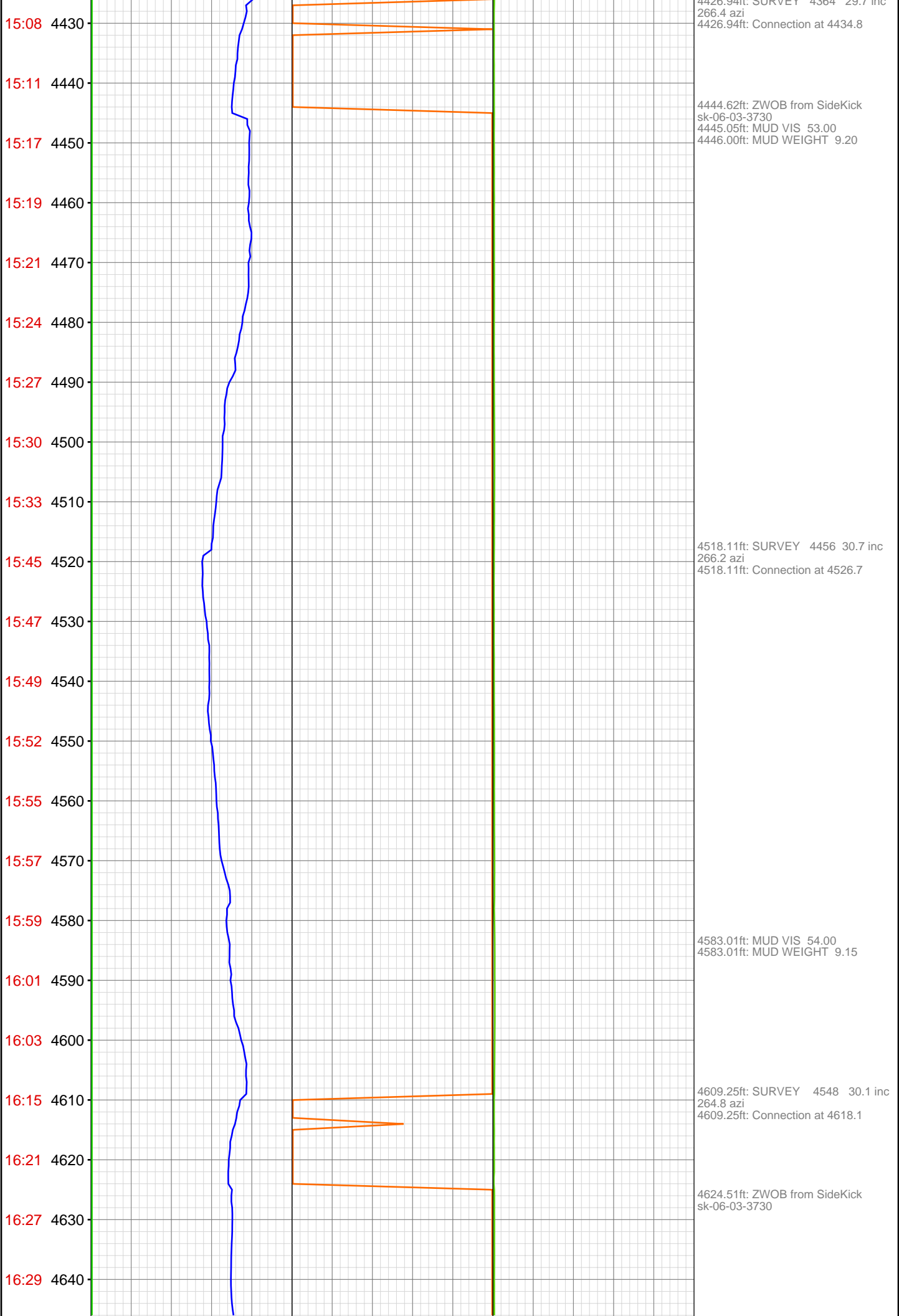
4087.66ft: PVT Horn Enabled
4089.30ft: ZWOB from SideKick
sk-06-03-3730
4089.30ft: ZDiffPressure from
SideKick sk-06-03-3730
4090.16ft: PUMP SWEEP

4131.76ft: MUD VIS 57.00
4131.99ft: MUD WEIGHT 9.15

4152.82ft: SURVEY 4090 30.1 inc
259.9 azi
4156.40ft: Connection at 4160.2

4173.10ft: ZWOB from SideKick
sk-06-03-3730





16:31 4650
16:33 4660
16:35 4670
16:38 4680
16:40 4690
16:43 4700
17:17 4710
17:19 4720
17:21 4730
17:23 4740
17:25 4750
17:27 4760
17:29 4770
17:32 4780
17:34 4790
17:51 4800
17:55 4810
17:59 4820
18:07 4830
18:09 4840
18:11 4850
18:13 4860

4699.93ft: RIG SERVICE
4700.20ft: SURVEY 4639 30.1 INC
265.8 AZI
4700.20ft: Connection at 4709.7
4700.20ft: ZWOB from SideKick
sk-06-03-3730

4791.60ft: SURVEY 4731 28.5 inc
265 azi
4791.60ft: Connection at 4801.5

4812.24ft: MUD VIS 50.00
4812.99ft: MUD WEIGHT 9.20

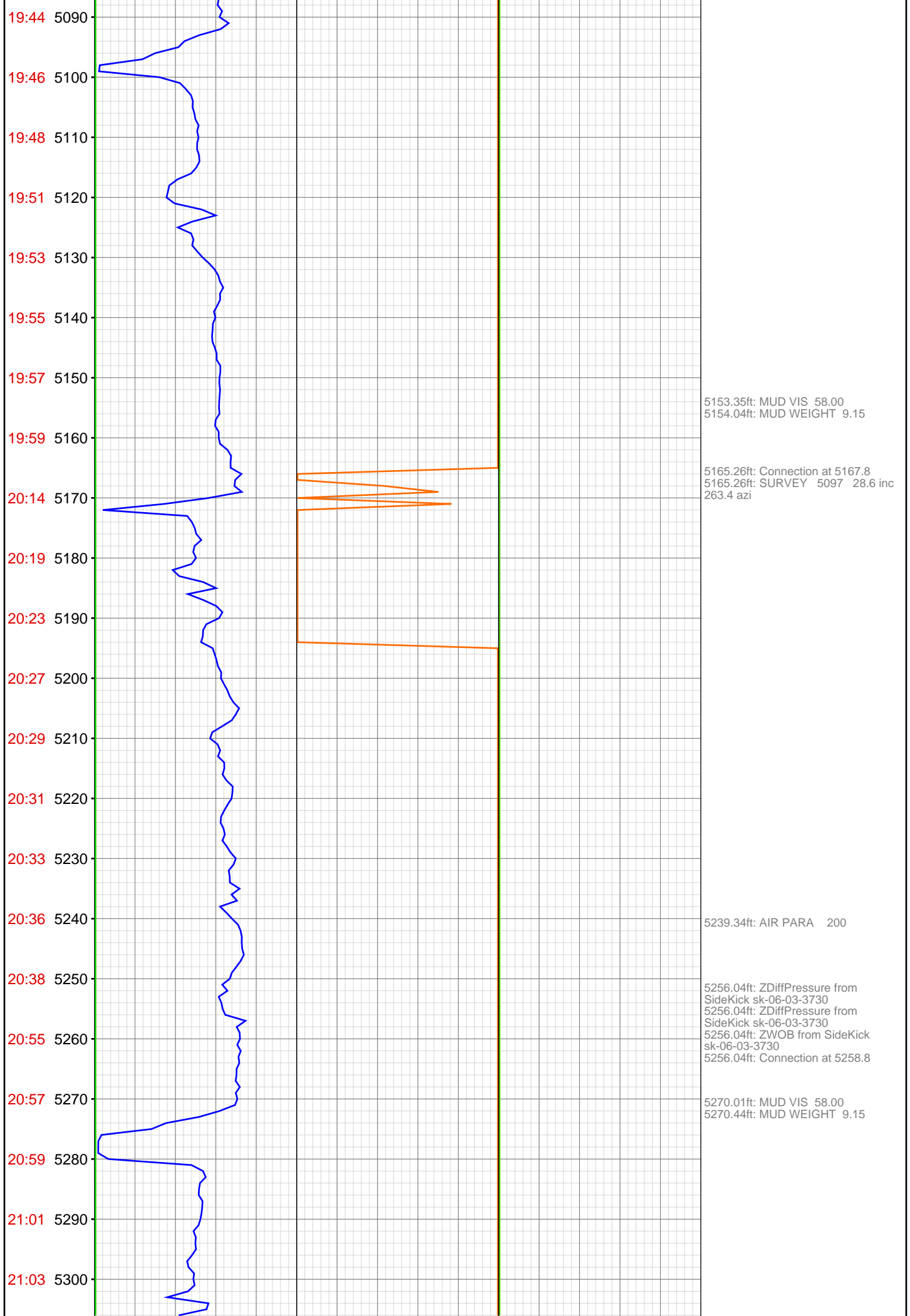
4821.92ft: ZWOB from SideKick
sk-06-03-3730
4821.92ft: ZDiffPressure from
SideKick sk-06-03-3730

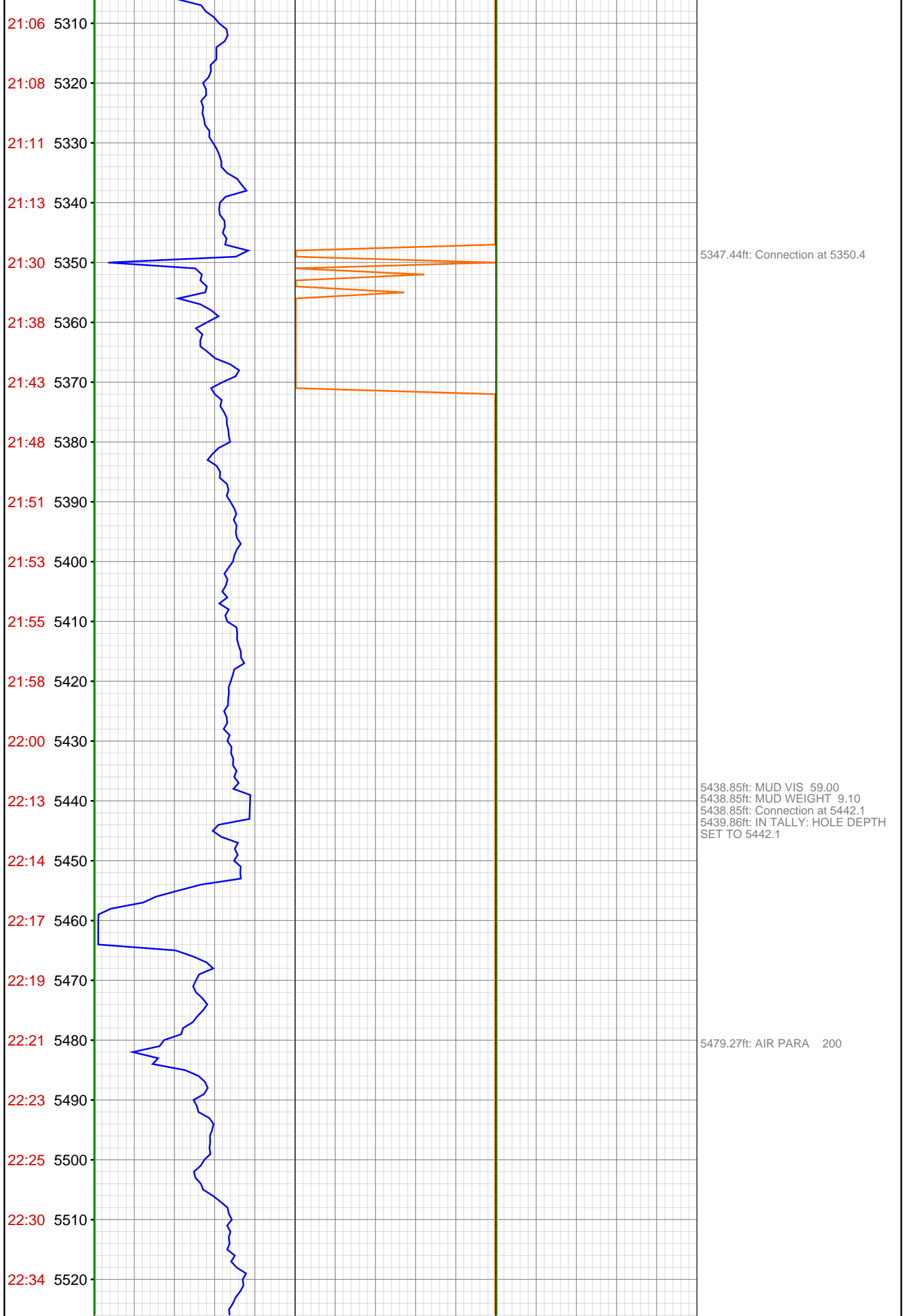
18:17 4870
18:21 4880
18:34 4890
18:35 4900
18:37 4910
18:39 4920
18:42 4930
18:44 4940
18:46 4950
18:48 4960
18:50 4970
18:53 4980
19:10 4990
19:14 5000
19:19 5010
19:21 5020
19:23 5030
19:25 5040
19:27 5050
19:29 5060
19:31 5070
19:42 5080

4883.17ft: SURVEY 4823 29.1 inc
264.4 azi
4883.17ft: Connection at 4893.1
4884.35ft: IN TALLY: HOLE DEPTH
SET TO 4893.1

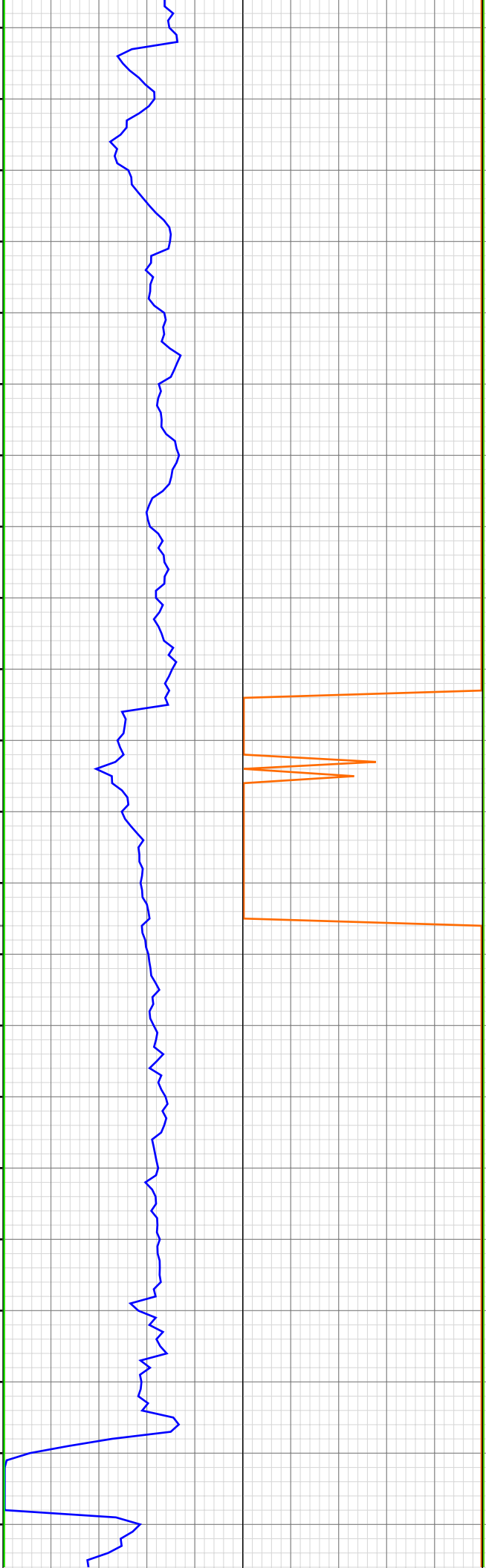
4983.30ft: SURVEY 4914 29.0 inc
263.8 azi
4983.30ft: Connection at 4984.8
4983.30ft: MUD VIS 57.00
4983.30ft: MUD WEIGHT 9.20
4988.85ft: AIR PARA 200

5074.28ft: ZDiffPressure from
SideKick sk-06-03-3730
5074.28ft: ZWOB from SideKick
sk-06-03-3730
5074.28ft: SURVEY 5006 29.7 inc
264.8 azi Connection at 5076.3





22:36 5530
23:00 5540
23:02 5550
23:05 5560
23:08 5570
23:11 5580
23:14 5590
23:17 5600
23:21 5610
23:24 5620
23:43 5630
23:50 5640
23:55 5650
Jul 26, 2012
00:02 5660
00:04 5670
00:07 5680
00:10 5690
00:12 5700
00:15 5710
00:30 5720
00:32 5730
00:35 5740



5532.19ft: ZWOB from SideKick
sk-06-03-3730
5532.19ft: ZDiffPressure from
SideKick sk-06-03-3730
5532.19ft: Connection at 5533.6
5532.19ft: ZDiffPressure from
SideKick sk-06-03-3730

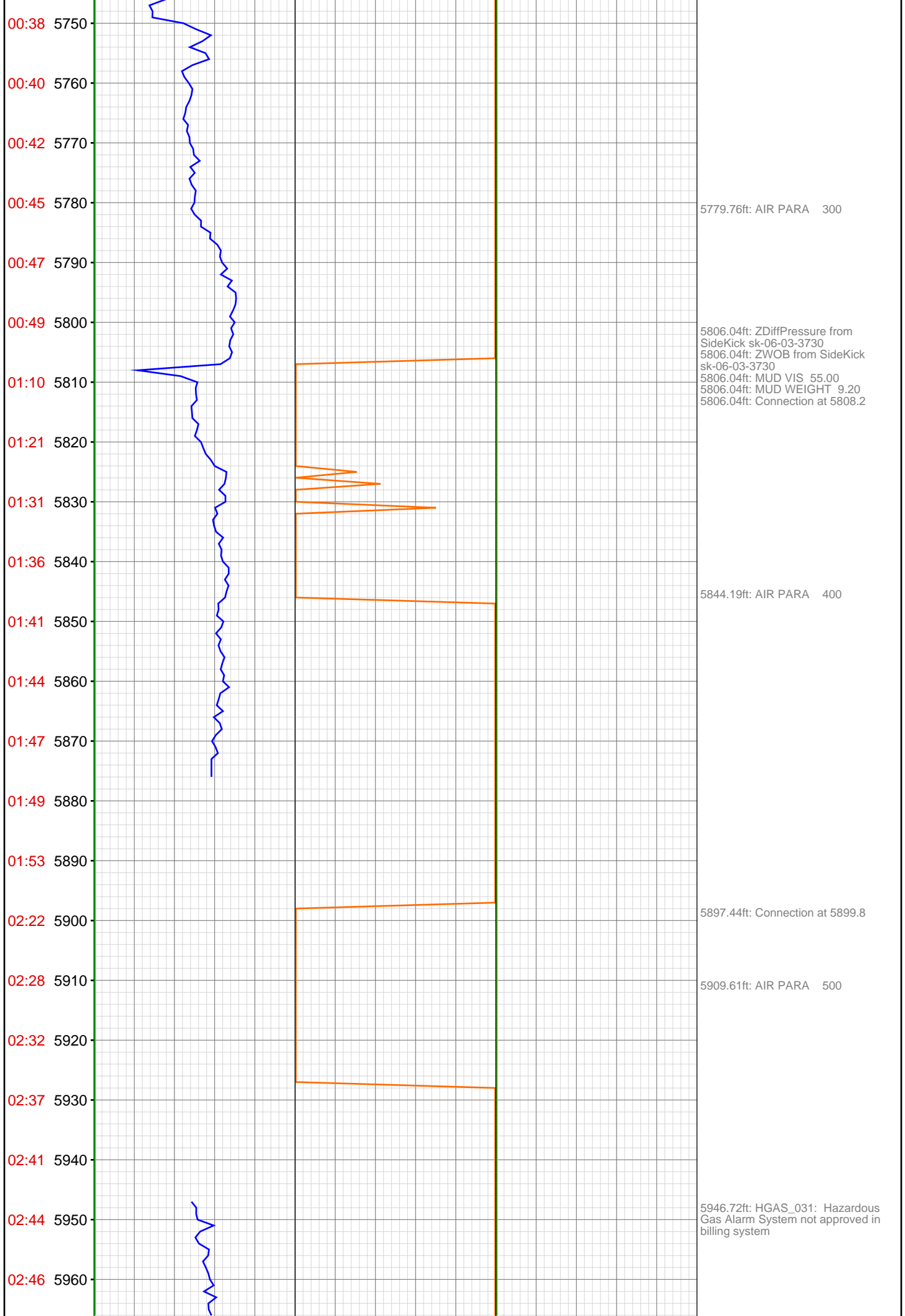
5549.25ft: MUD VIS 56.00
5549.25ft: MUD WEIGHT 9.15

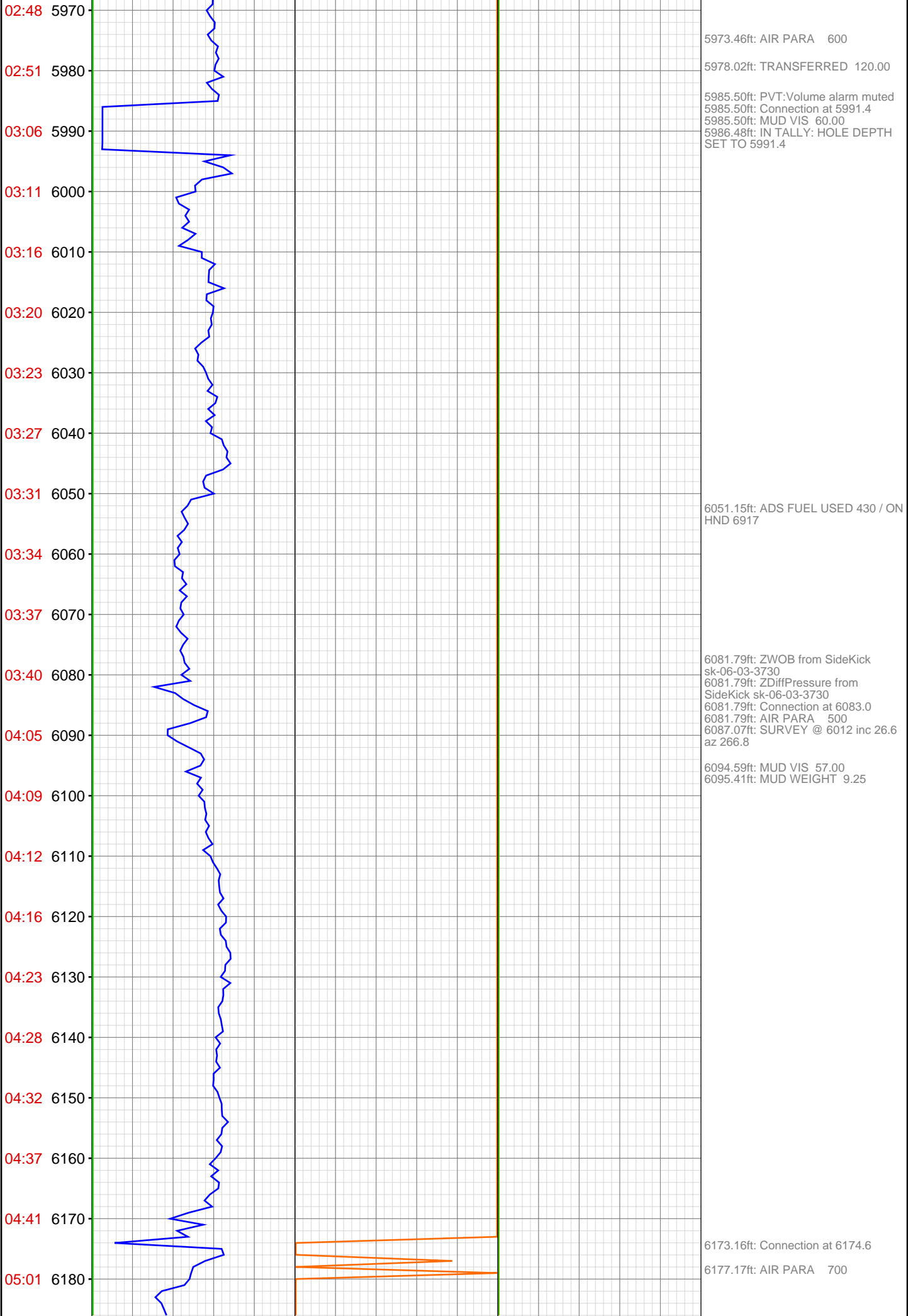
5623.82ft: Connection at 5625.5

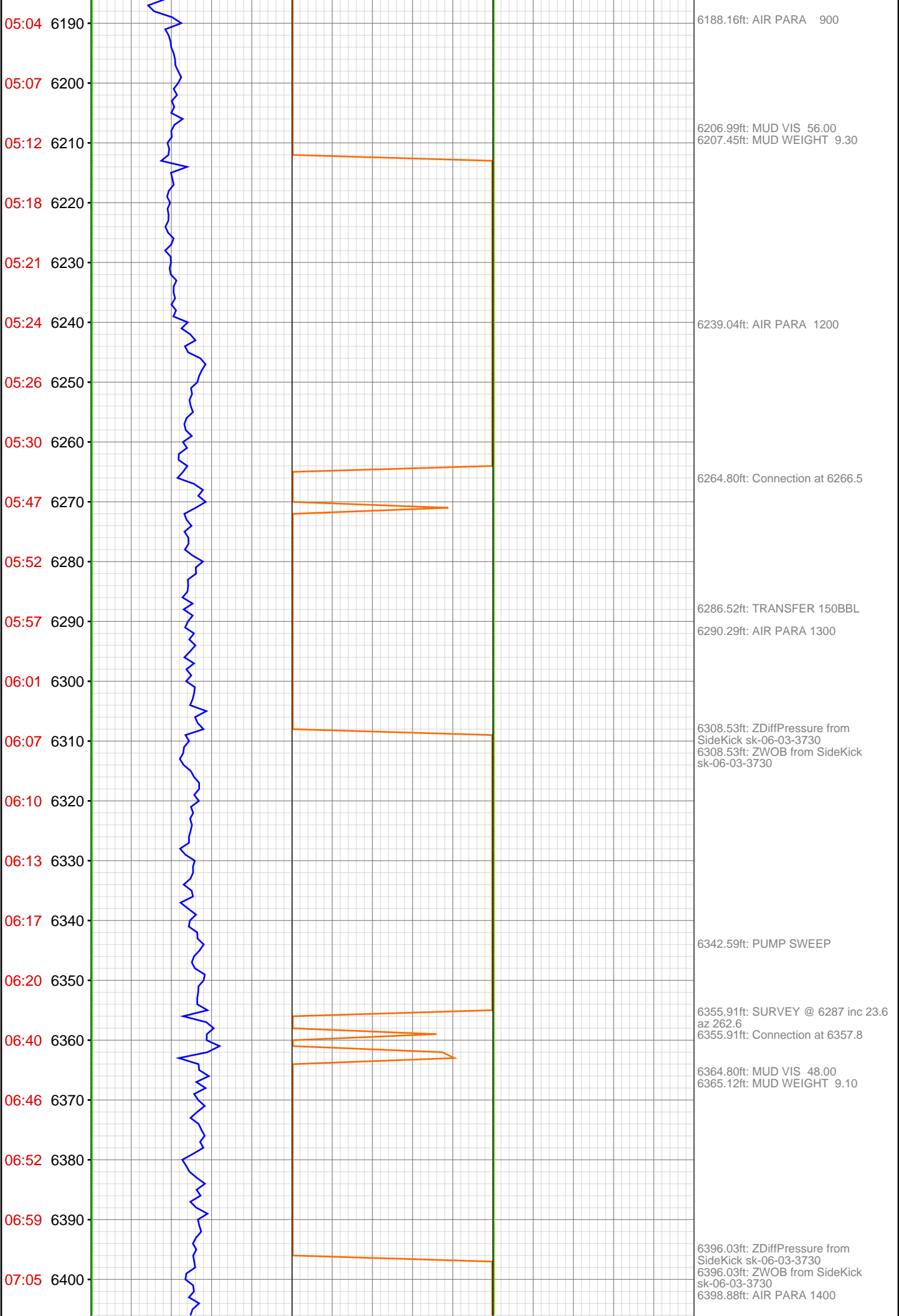
5645.54ft: AIR PARA 200

5683.01ft: MUD VIS 58.00
5683.43ft: MUD WEIGHT 9.20

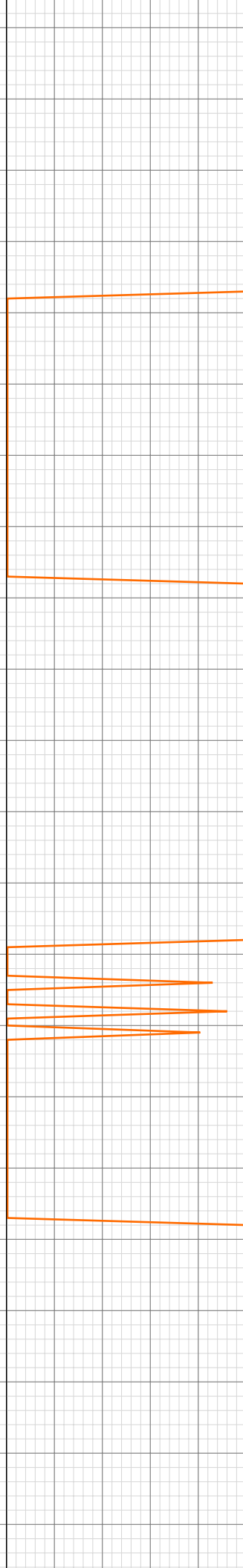
5714.70ft: Connection at 5716.6







07:09 6410
07:12 6420
07:17 6430
07:22 6440
07:38 6450
07:42 6460
07:46 6470
07:52 6480
08:01 6490
08:03 6500
08:06 6510
08:10 6520
08:12 6530
08:28 6540
08:34 6550
08:38 6560
08:43 6570
08:49 6580
08:52 6590
08:54 6600
08:56 6610
08:59 6620



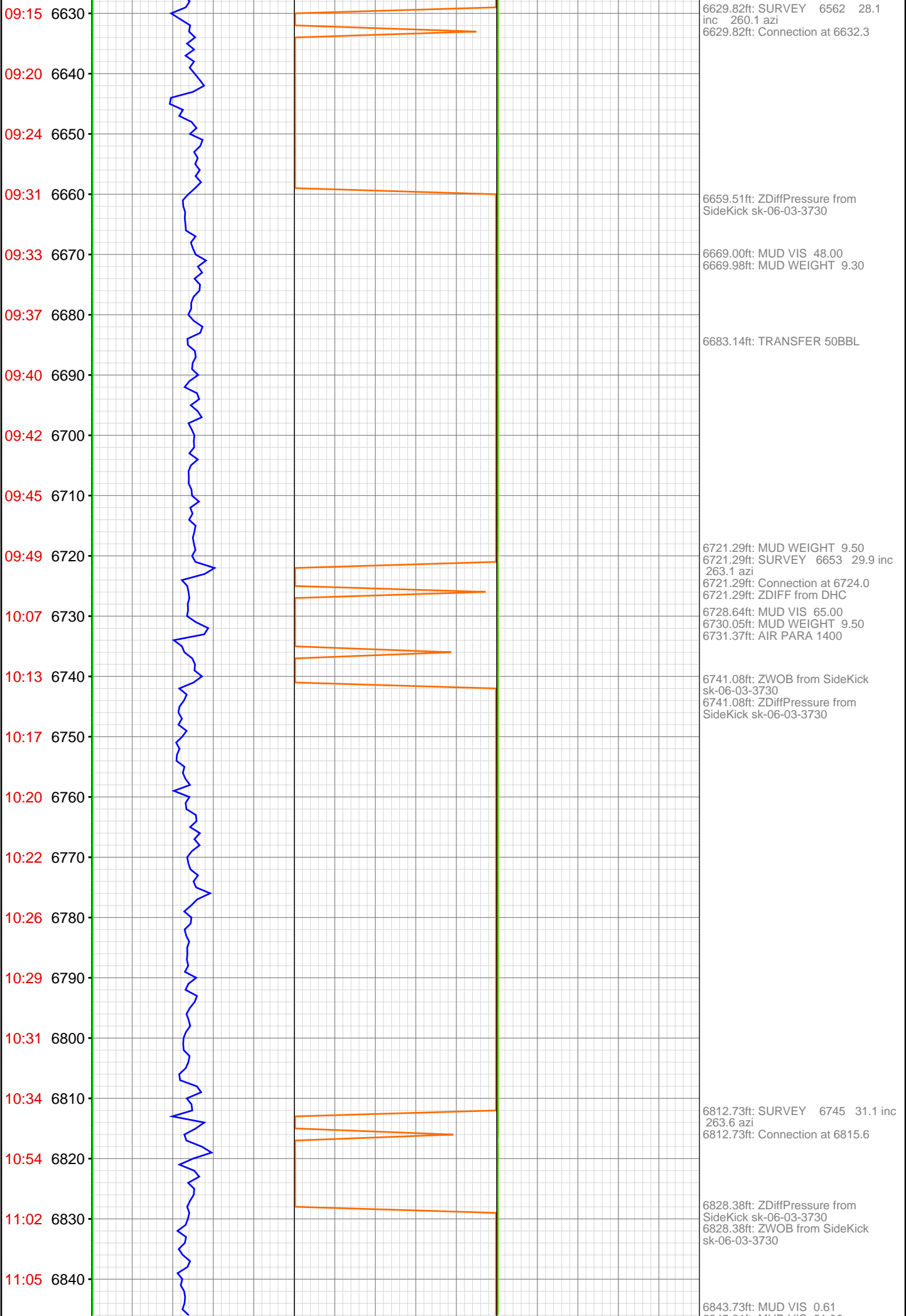
6408.33ft: PUMP SWEEP

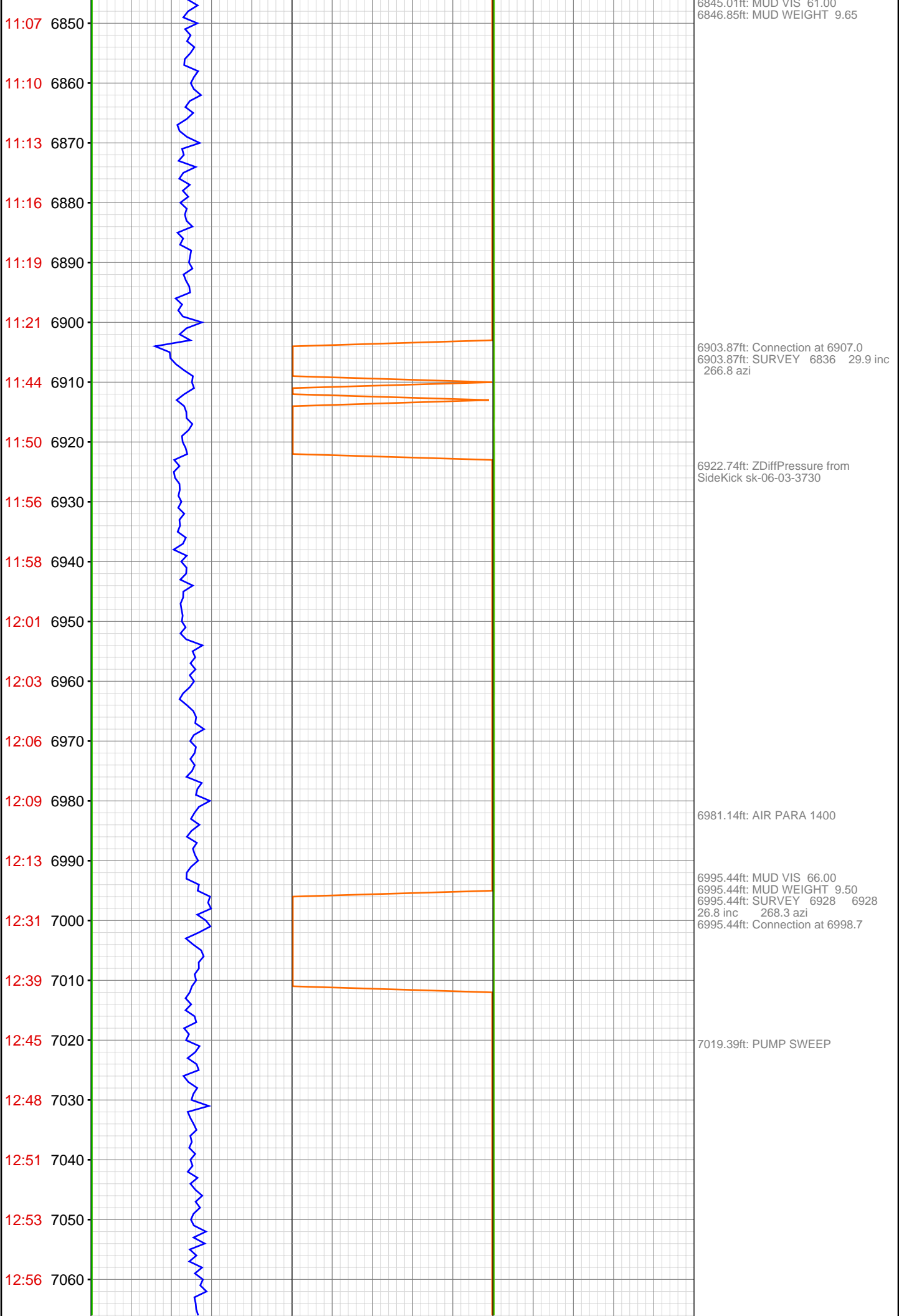
6447.34ft: SURVEY 6379 24.7 inc
258.8 azi
6447.34ft: Connection at 6449.3
6447.34ft: MUD VIS 50.00
6447.34ft: MUD WEIGHT 9.30

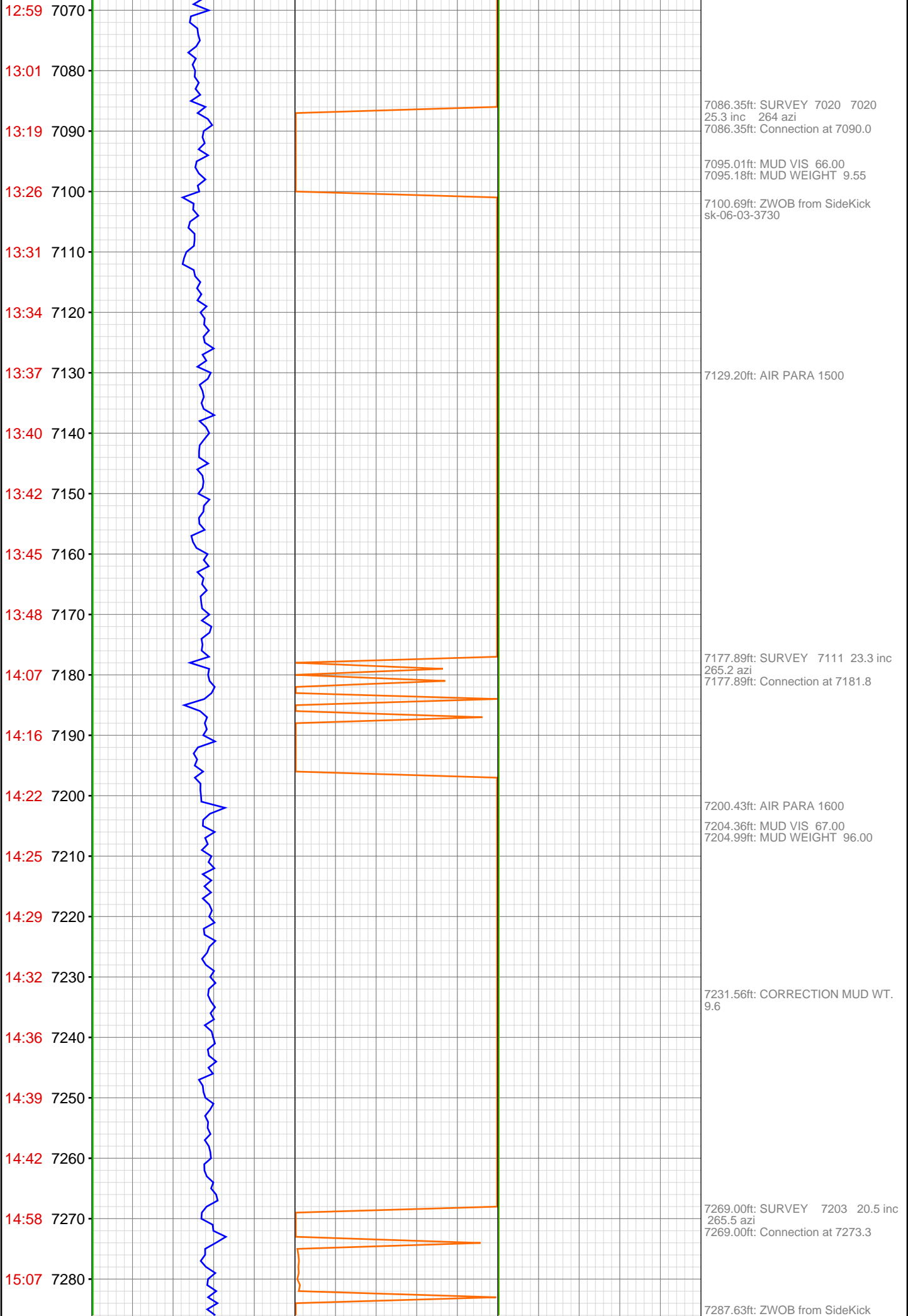
6487.53ft: ZWOB from SideKick
sk-06-03-3730
6487.53ft: ZDiffPressure from
SideKick sk-06-03-3730

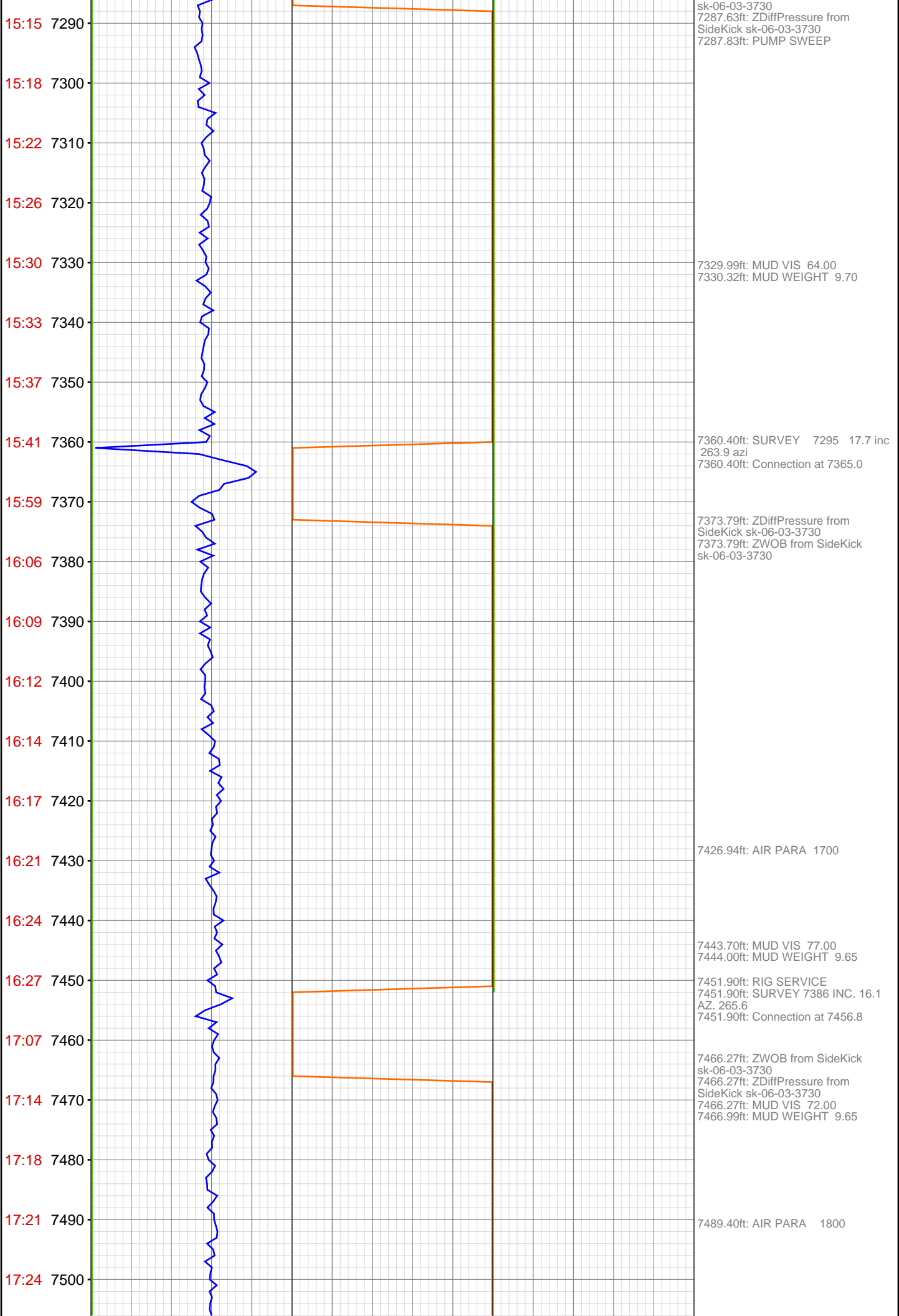
6538.62ft: SURVEY 6470 26.2 inc
259.7 azi
6538.62ft: Connection at 6540.9

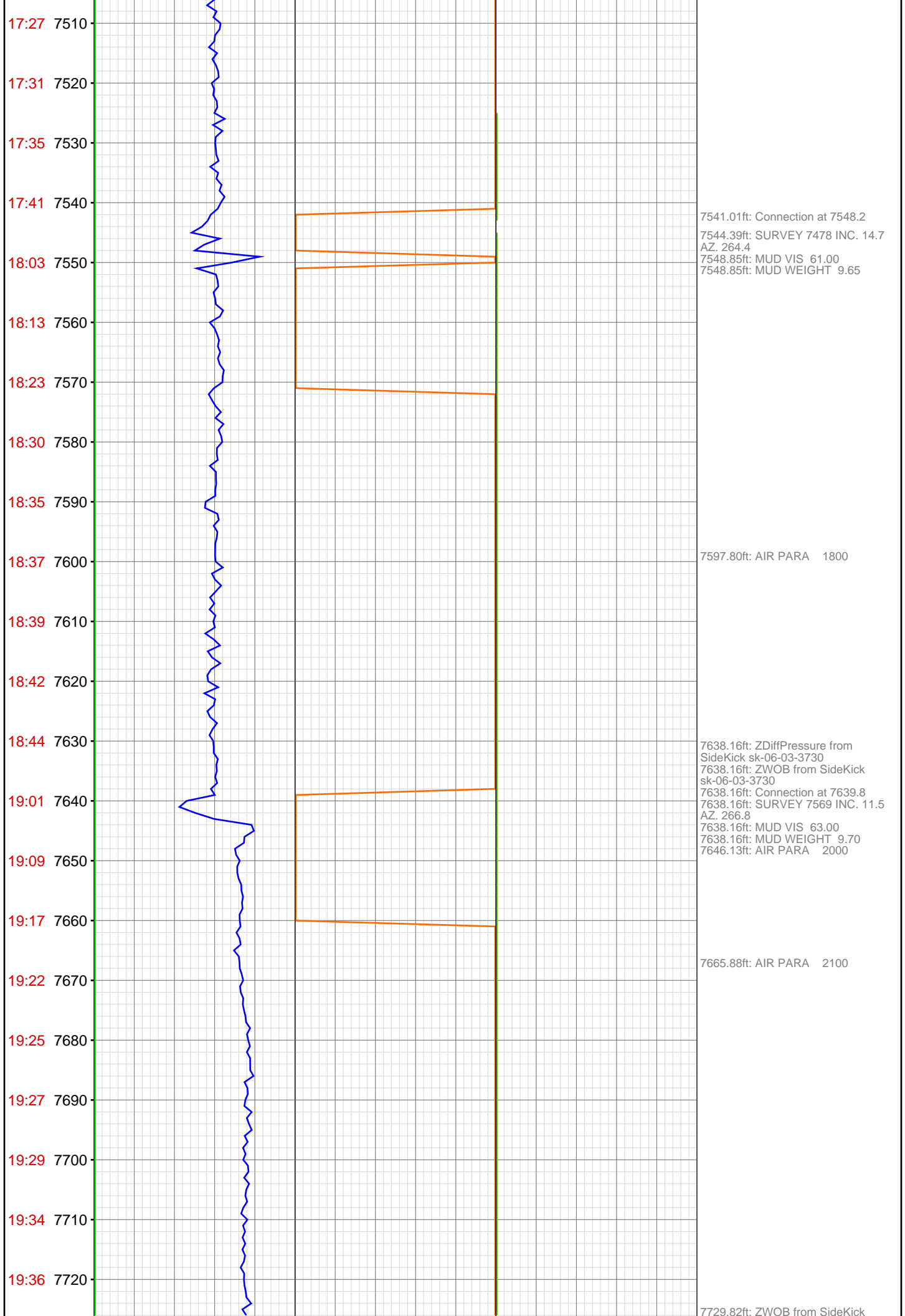
6546.59ft: MUD VIS 50.00
6547.28ft: MUD WEIGHT 9.30
6549.93ft: AIR PARA 1400



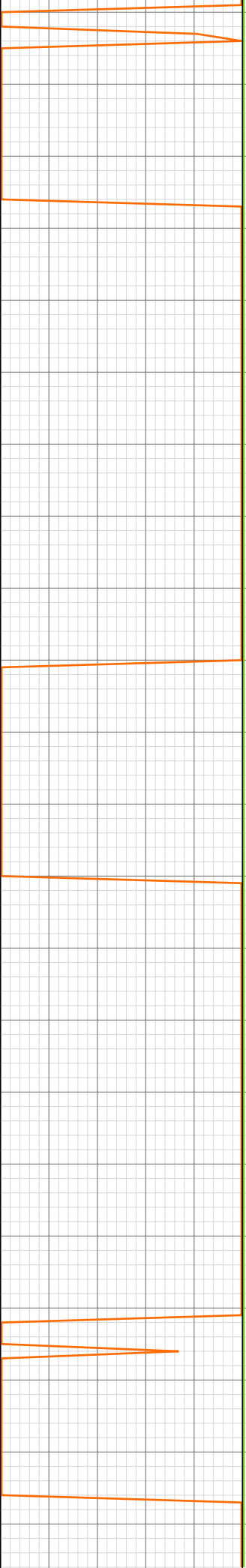
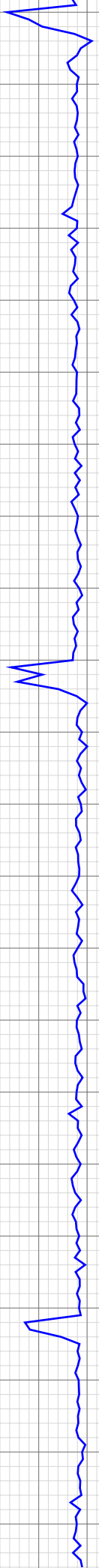








19:53 7730
20:03 7740
20:08 7750
20:13 7760
20:16 7770
20:19 7780
20:21 7790
20:24 7800
20:27 7810
20:30 7820
20:54 7830
21:00 7840
21:05 7850
21:10 7860
21:14 7870
21:17 7880
21:19 7890
21:22 7900
21:26 7910
21:50 7920
22:02 7930
22:12 7940



sk-06-03-3730
7729.82ft: ZDiffPressure from
SideKick sk-06-03-3730
7729.82ft: Connection at 7731.7
7729.82ft: SURVEY 7661 INC. 9.1
AZ. 263.3
7733.56ft: MUD VIS 64.00
7733.99ft: MUD WEIGHT 9.80

7820.67ft: Connection at 7822.9
7820.67ft: SURVEY 7752 INC. 6.5
AZ. 262.8

7827.99ft: AIR PARA 2100

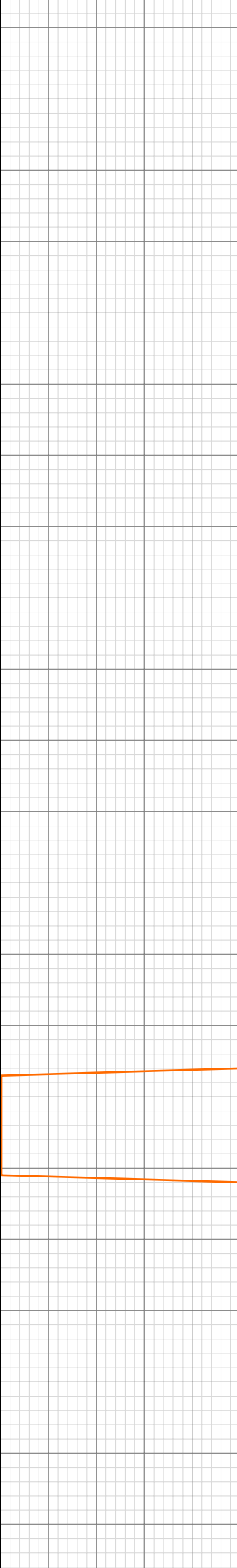
7834.12ft: MUD VIS 62.00
7834.12ft: MUD WEIGHT 9.90

7838.71ft: TRANSFERRED 80.00

7911.88ft: Connection at 7914.5
7911.88ft: SURVEY 7844 INC. 4.1
AZ. 254.8

7923.16ft: MUD VIS 59.00
7923.29ft: MUD WEIGHT 9.95

22:15 7950
22:18 7960
22:21 7970
22:23 7980
22:27 7990
22:31 8000
22:53 8010
22:58 8020
23:05 8030
23:13 8040
23:18 8050
23:27 8060
23:34 8070
23:42 8080
23:49 8090
Jul 27, 2012
00:14 8100
00:34 8110
00:45 8120
00:51 8130
00:55 8140
01:01 8150
01:07 8160



7991.01ft: AIR PARA 2100
8003.35ft: Connection at 8006.2
8004.27ft: IN TALLY: HOLE DEPTH SET TO 8006.2
8006.20ft: SURVEY 7935 INC. 1.8 AZ. 278.3
8039.24ft: MUD VIS 58.00
8039.24ft: MUD WEIGHT 10.00
8096.72ft: ZWOB from SideKick sk-06-03-3730
8096.72ft: ZDiffPressure from SideKick sk-06-03-3730
8096.72ft: Connection at 8097.9
8096.72ft: MUD VIS 59.00
8096.72ft: MUD WEIGHT 10.00
8096.72ft: SURVEY 8027 INC. 1.4 AZ. 275.3
8096.72ft: AIR PARA 2100
8151.61ft: MUD VIS 60.00
8152.30ft: MUD WEIGHT 10.10

01:10 8170
01:14 8180
01:31 8190
01:36 8200
01:41 8210
01:48 8220
01:55 8230
02:00 8240
02:05 8250
02:10 8260
02:16 8270
02:38 8280
02:44 8290
02:50 8300
02:58 8310
03:06 8320
03:11 8330
03:18 8340
03:22 8350
03:27 8360
03:32 8370
04:09 8380



8188.03ft: Connection at 8189.5
8188.03ft: SURVEY 8119 INC. 0.5
AZ. 217.8

8207.38ft: AIR PARA 2200

8214.17ft: AIR PARA 2300

8222.93ft: AIR PARA 2400

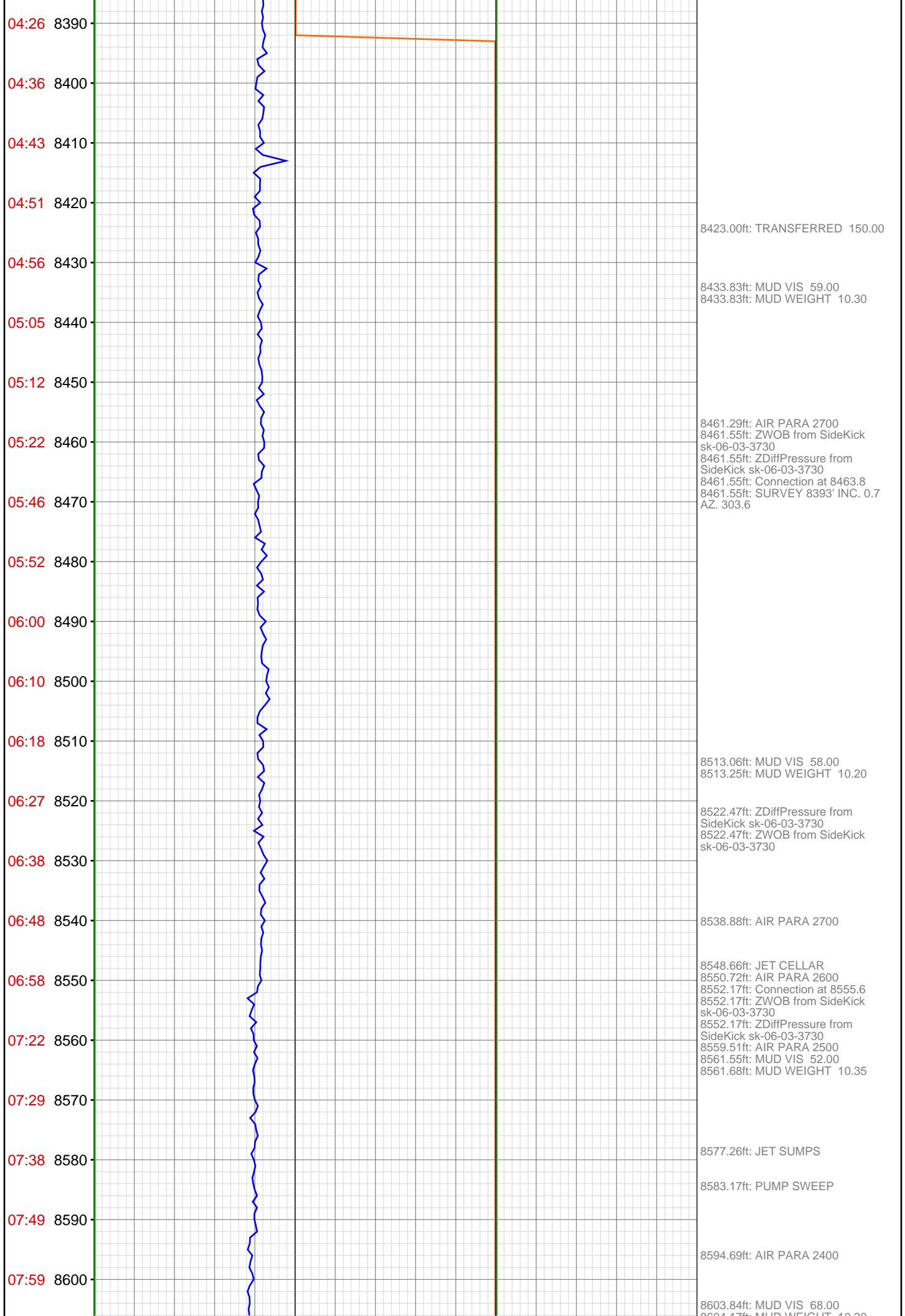
8263.39ft: AIR PARA 2500
8264.34ft: MUD VIS 60.00
8264.73ft: MUD WEIGHT 10.10

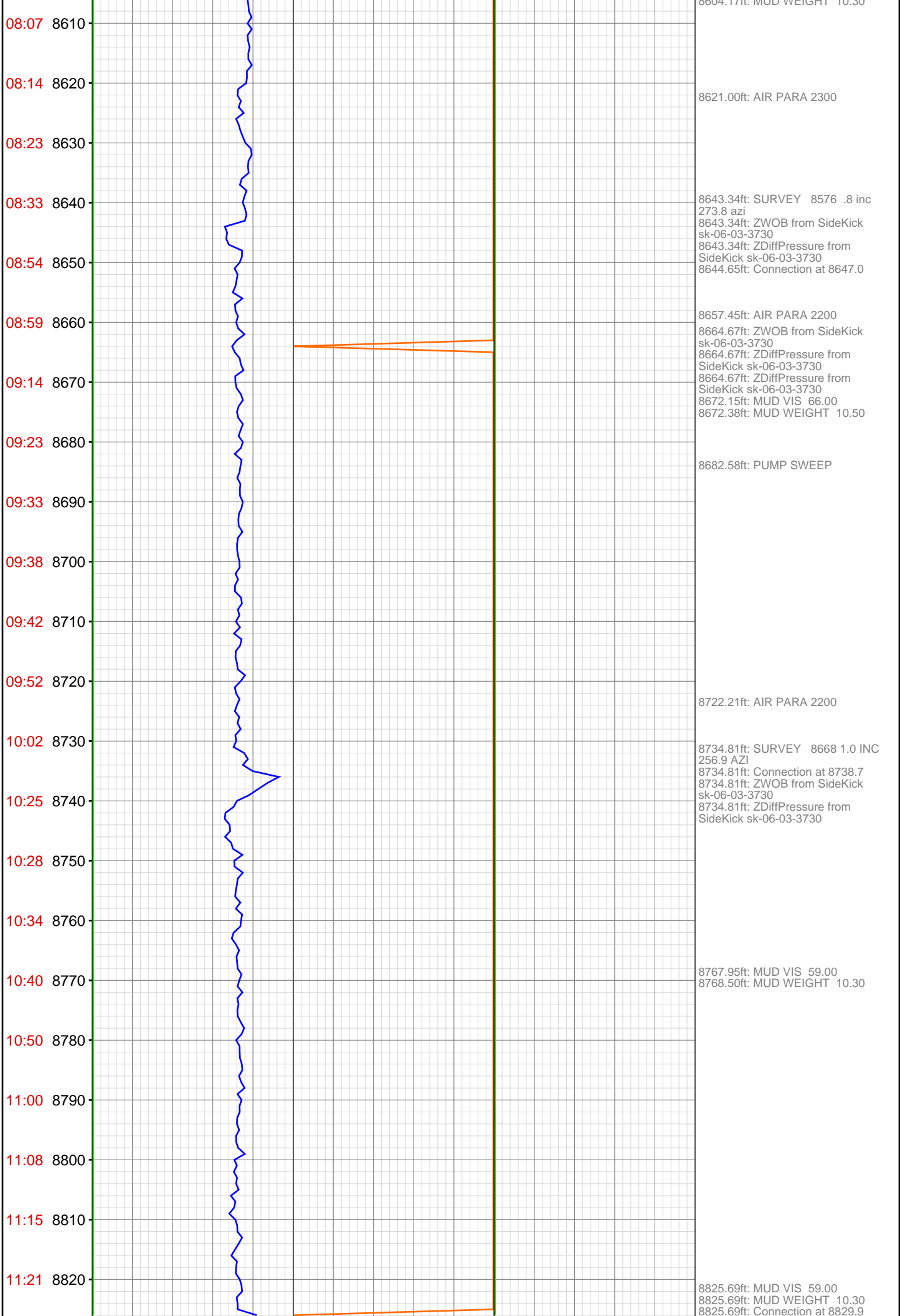
8279.43ft: Connection at 8281.1
8279.43ft: SURVEY 8211 INC. 0.6
AZ. 211.4

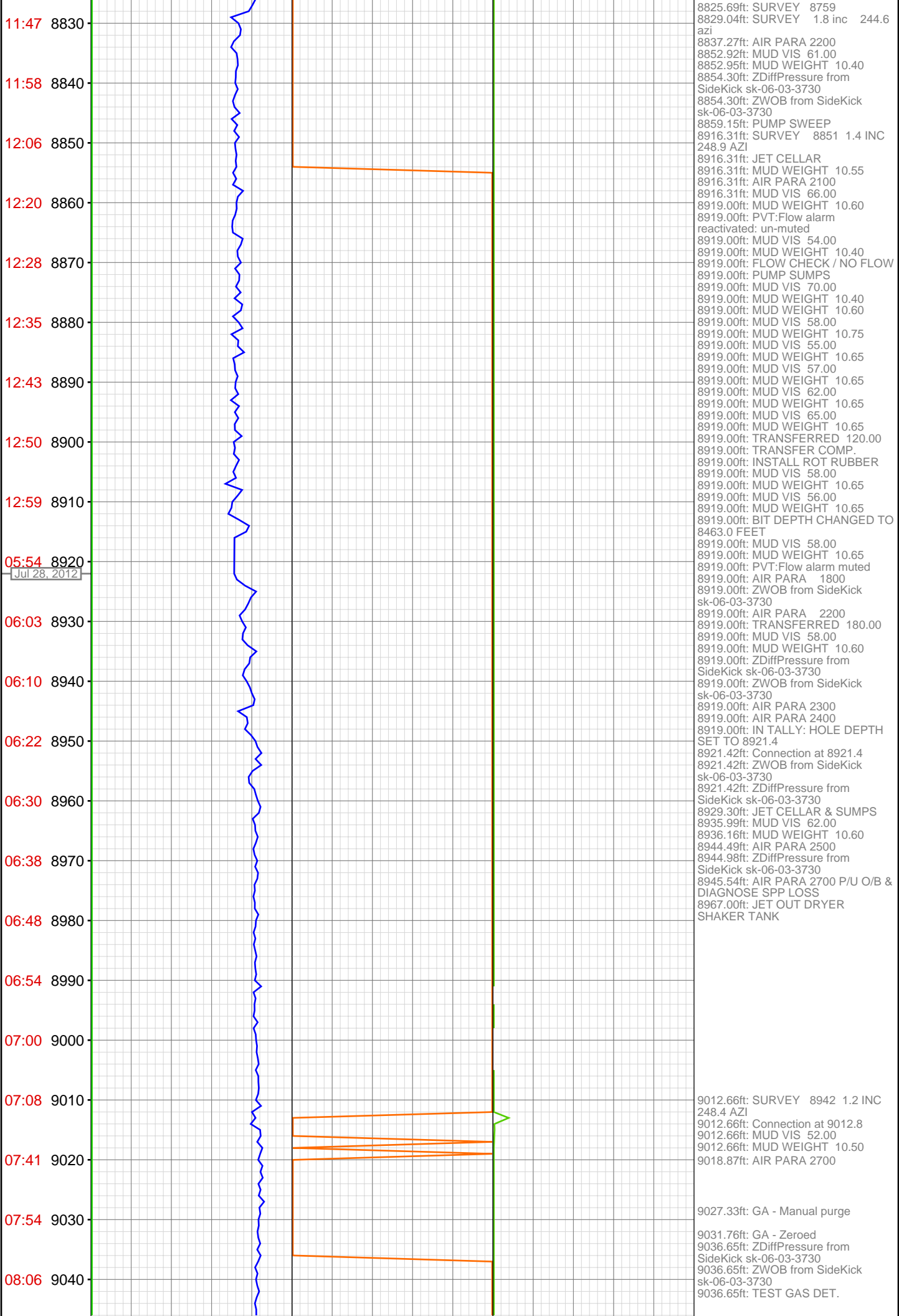
8314.76ft: MUD VIS 57.00
8314.99ft: MUD WEIGHT 10.15

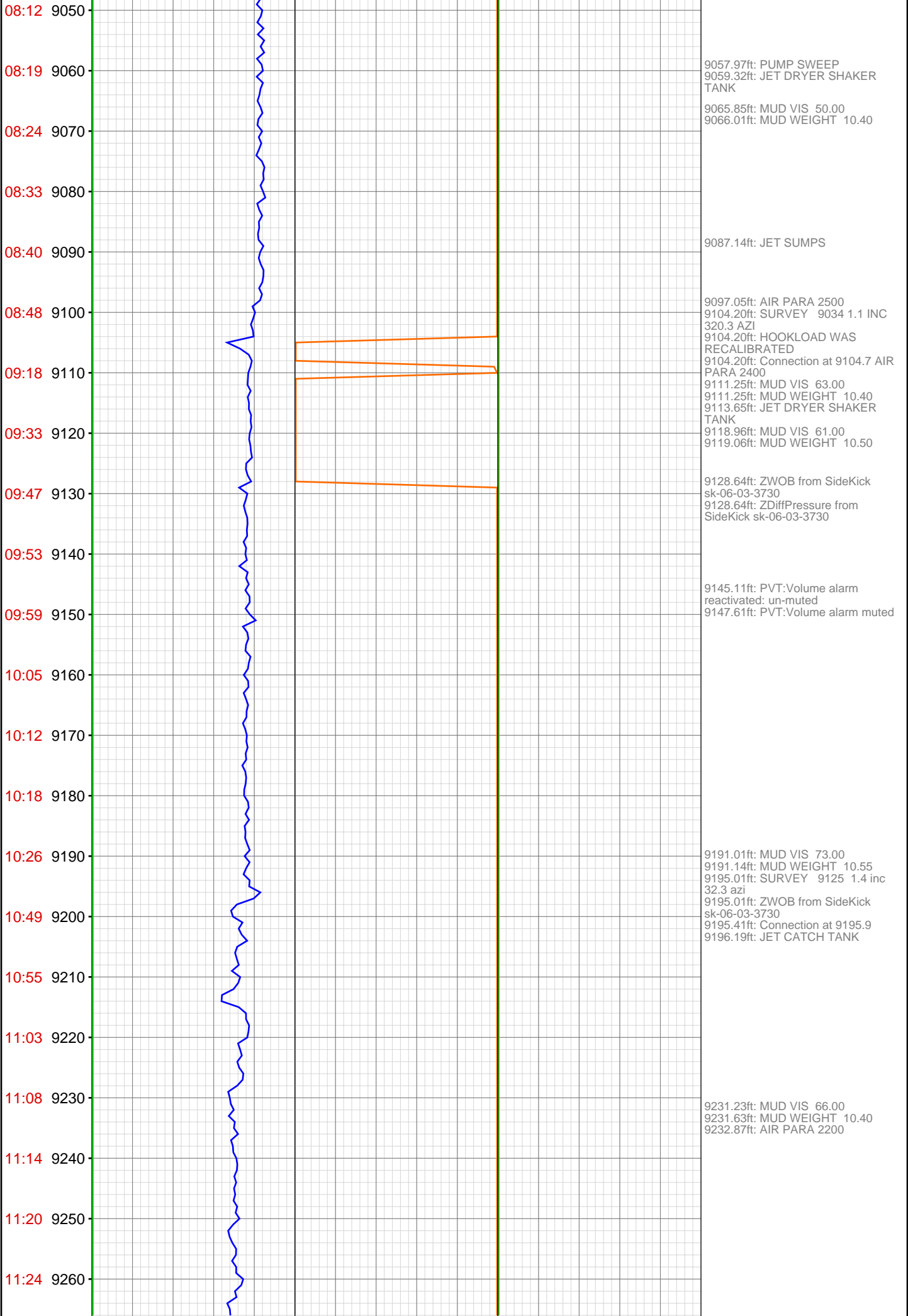
8330.48ft: AIR PARA 2700

8370.67ft: ZDiffPressure from
SideKick sk-06-03-3730
8370.67ft: ZWOB from SideKick
sk-06-03-3730
8370.67ft: Connection at 8372.5
8370.67ft: SURVEY 8302 INC. 1.2
AZ. 215.1
8378.87ft: MUD VIS 57.00
8378.94ft: MUD WEIGHT 10.20

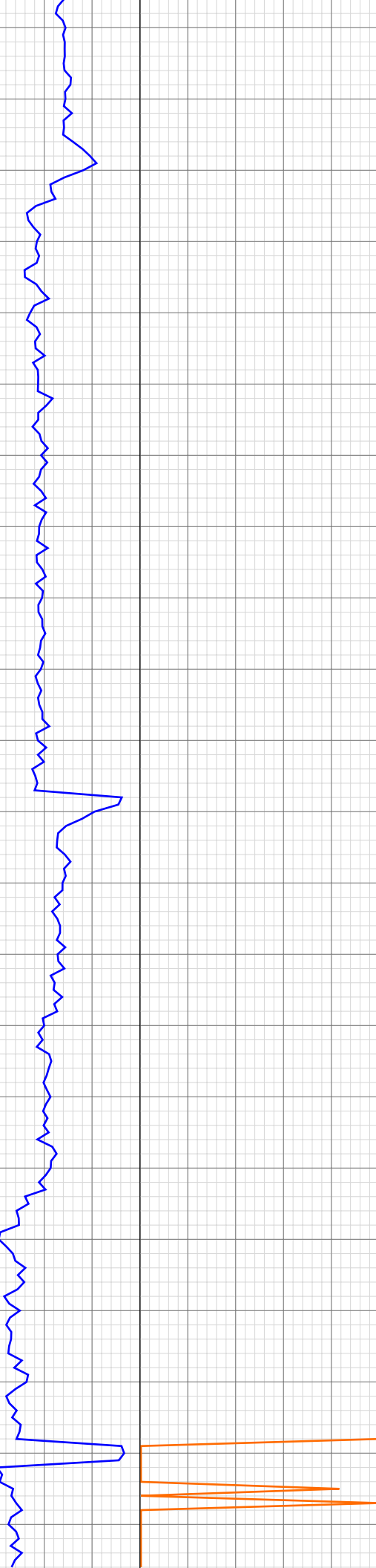








11:31 9270
11:40 9280
12:33 9290
12:38 9300
12:44 9310
12:49 9320
12:56 9330
13:02 9340
13:08 9350
13:15 9360
13:22 9370
15:00 9380
15:06 9390
15:11 9400
15:17 9410
15:23 9420
15:32 9430
15:38 9440
15:43 9450
15:48 9460
16:09 9470
16:33 9480



9286.29ft: SURVEY 9217 1.4 inc
55.3 azi
9286.29ft: JET SUMP
9286.29ft: JET CATCH TANK AIR
9286.29ft: JET CATCH TANK AIR
9286.29ft: MUD VIS 58.00
9286.94ft: MUD WEIGHT 10.35
9286.94ft: Connection at 9287.5

9298.33ft: PUMP SWEEP

9327.46ft: AIR PARA 2000

9334.35ft: MUD WEIGHT 10.45

9368.60ft: MUD VIS 61.00
9369.03ft: MUD WEIGHT 10.55
9369.78ft: AIR PARA 1800
9377.62ft: AIR PARA 1500
9377.62ft: AIR PARA 1200
9377.62ft: AIR PARA 1100
9377.62ft: MUD VIS 61.00
9377.62ft: MUD WEIGHT 10.55
9377.62ft: SURVEY 9309 .7 INC
54 AZI
9377.62ft: Connection at 9379.2
9377.62ft: ZWOB from SideKick
sk-06-03-3730

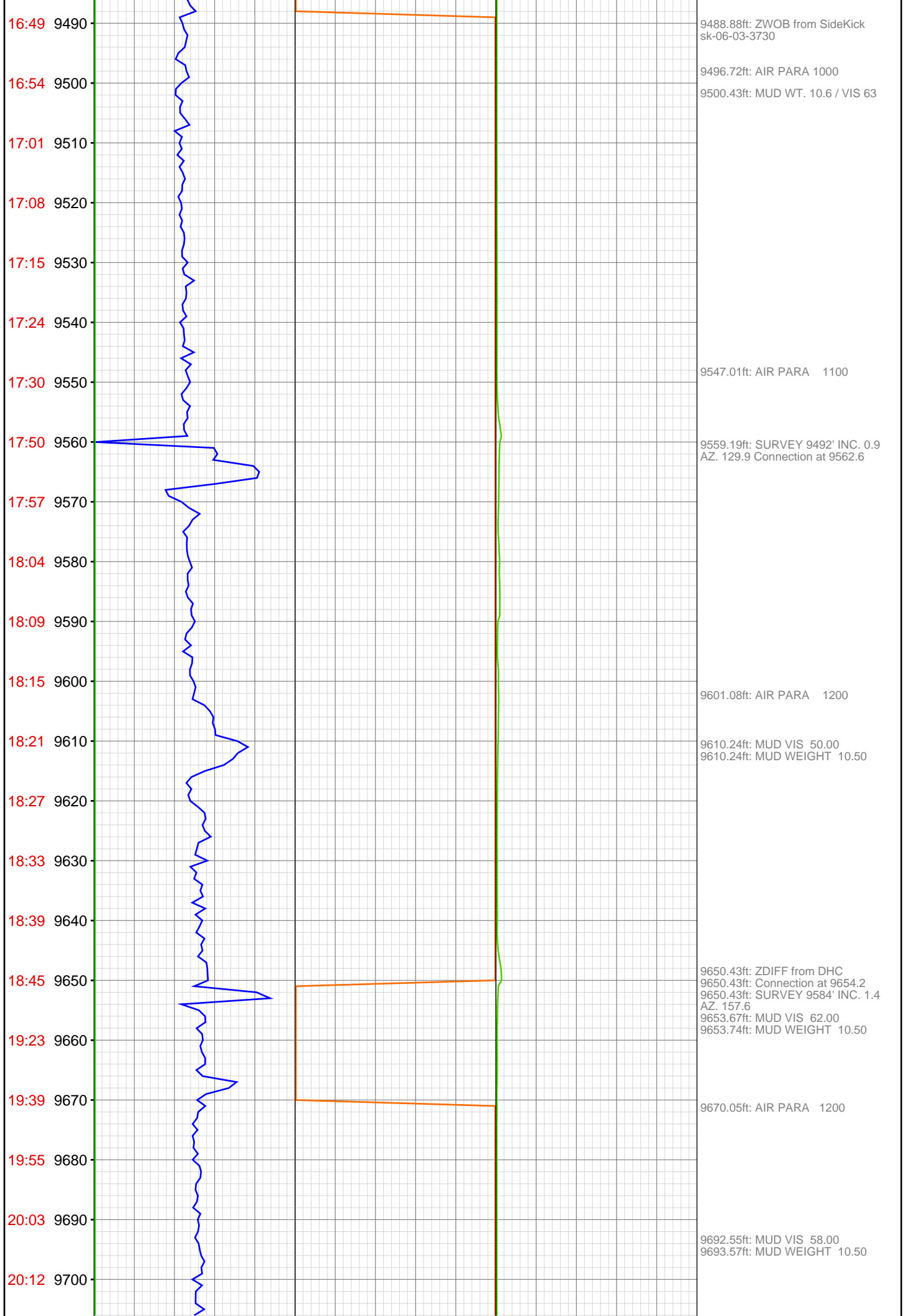
9405.74ft: AIR PARA 1800

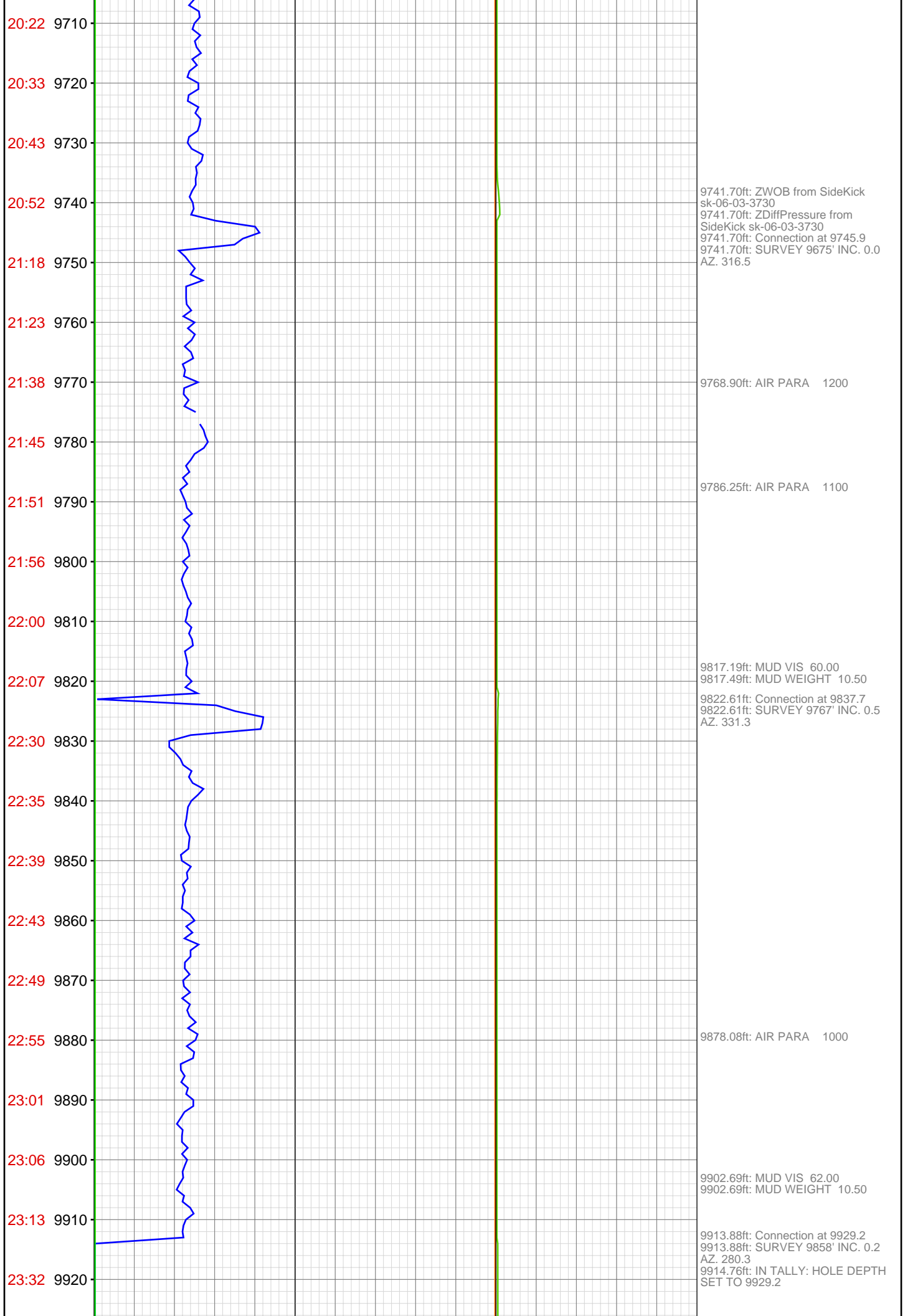
9417.42ft: PUMP SWEEP

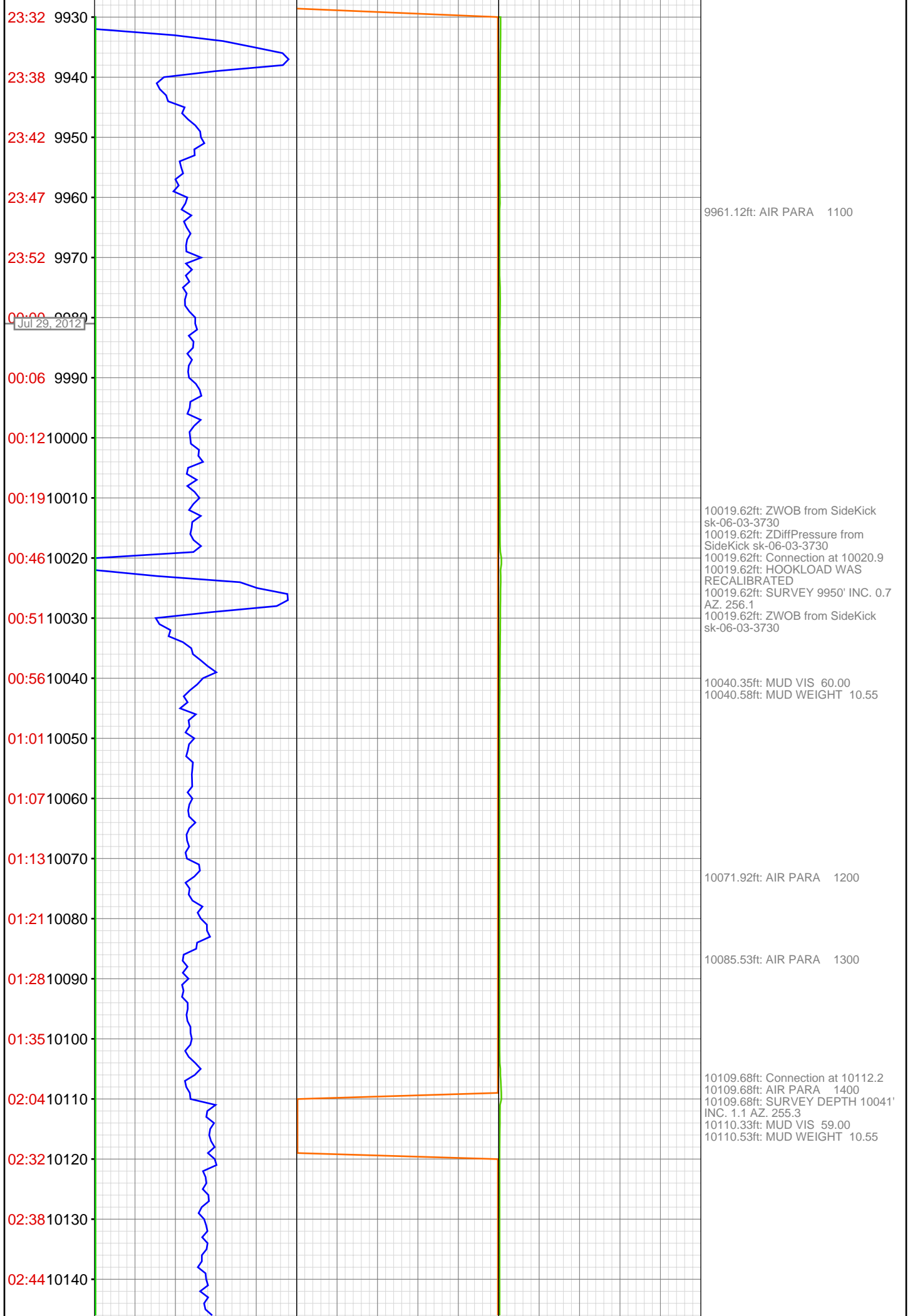
9435.37ft: AIR PARA 1400

9442.52ft: MUD VIS 56.00
9442.65ft: MUD WEIGHT 10.45

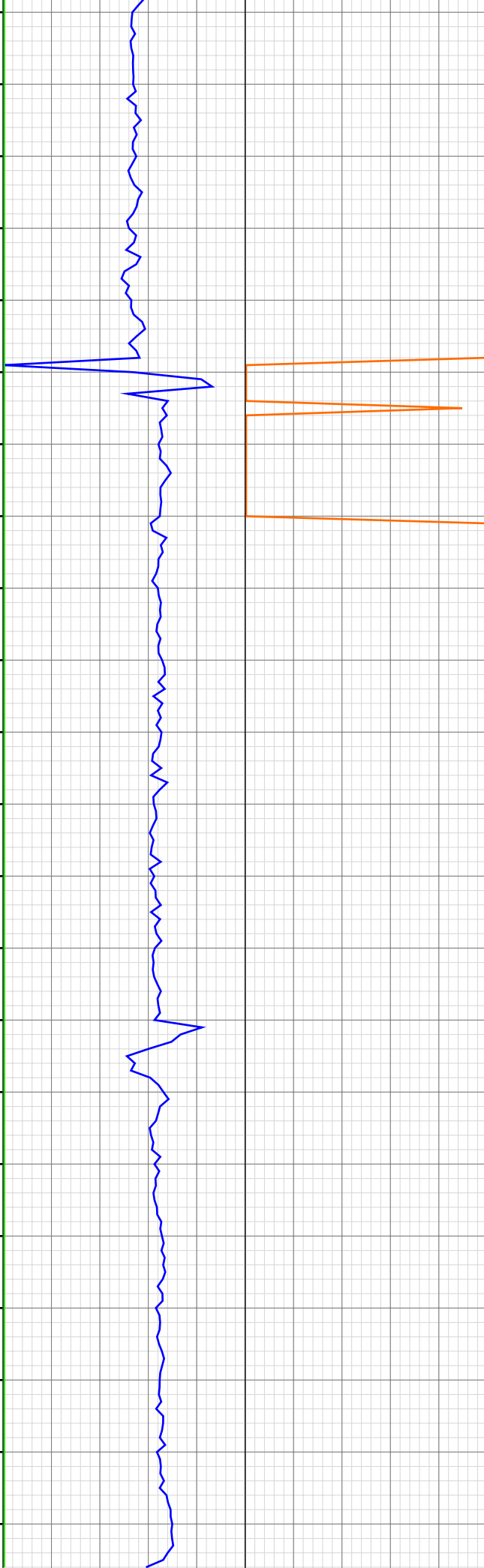
9468.80ft: Connection at 9471.0
9468.80ft: SURVEY 9400 .6 INC
38.4 AZI
9472.57ft: AIR PARA 1200







02:48 10150
02:55 10160
03:01 10170
03:10 10180
03:21 10190
03:40 10200
04:05 10210
04:23 10220
04:31 10230
04:38 10240
04:42 10250
04:48 10260
04:53 10270
04:59 10280
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05:25 10300
05:29 10310
05:34 10320
05:40 10330
05:45 10340
05:50 10350
05:55 10360



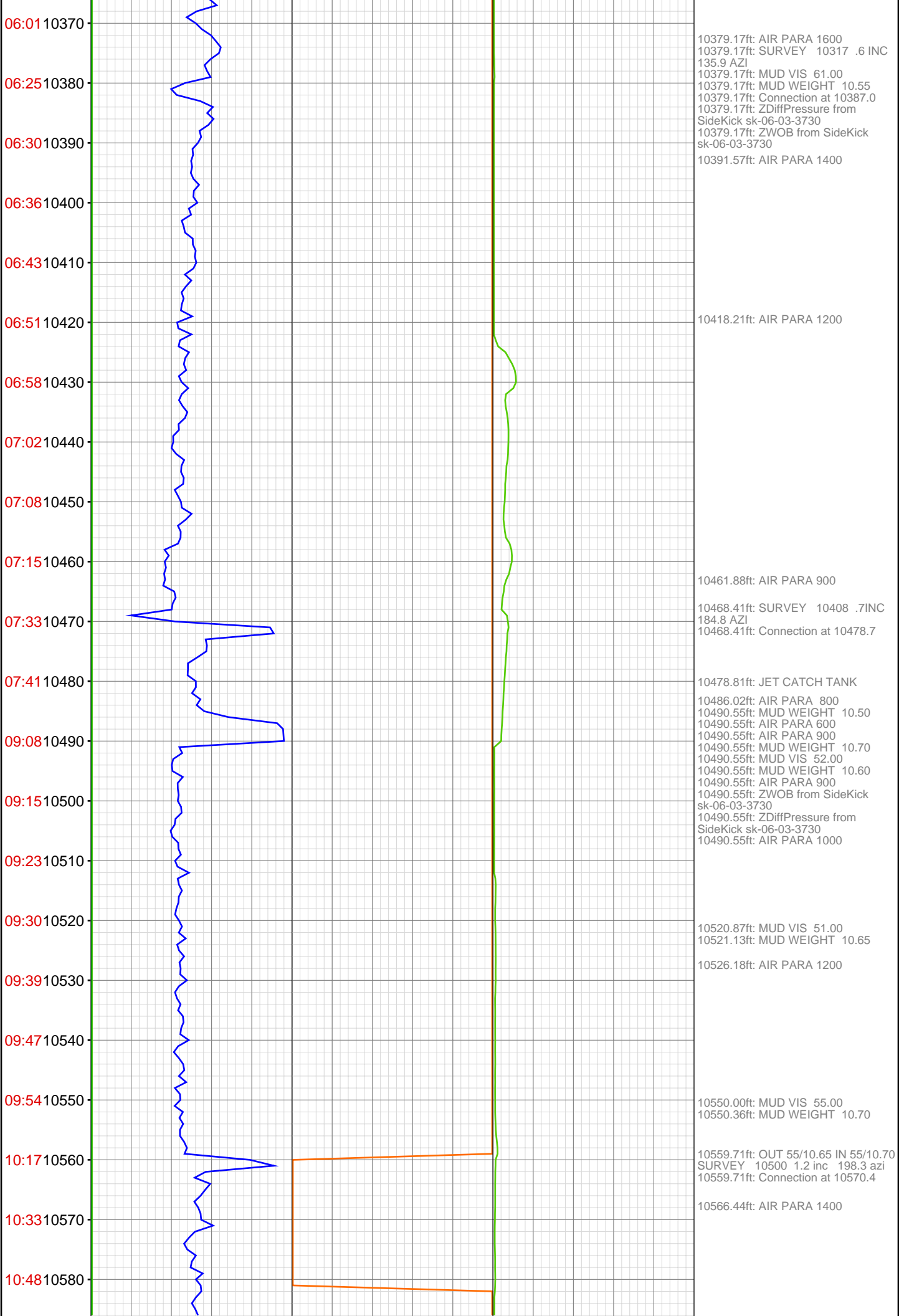
10181.73ft: MUD VIS 63.00
10182.22ft: MUD WEIGHT 10.60

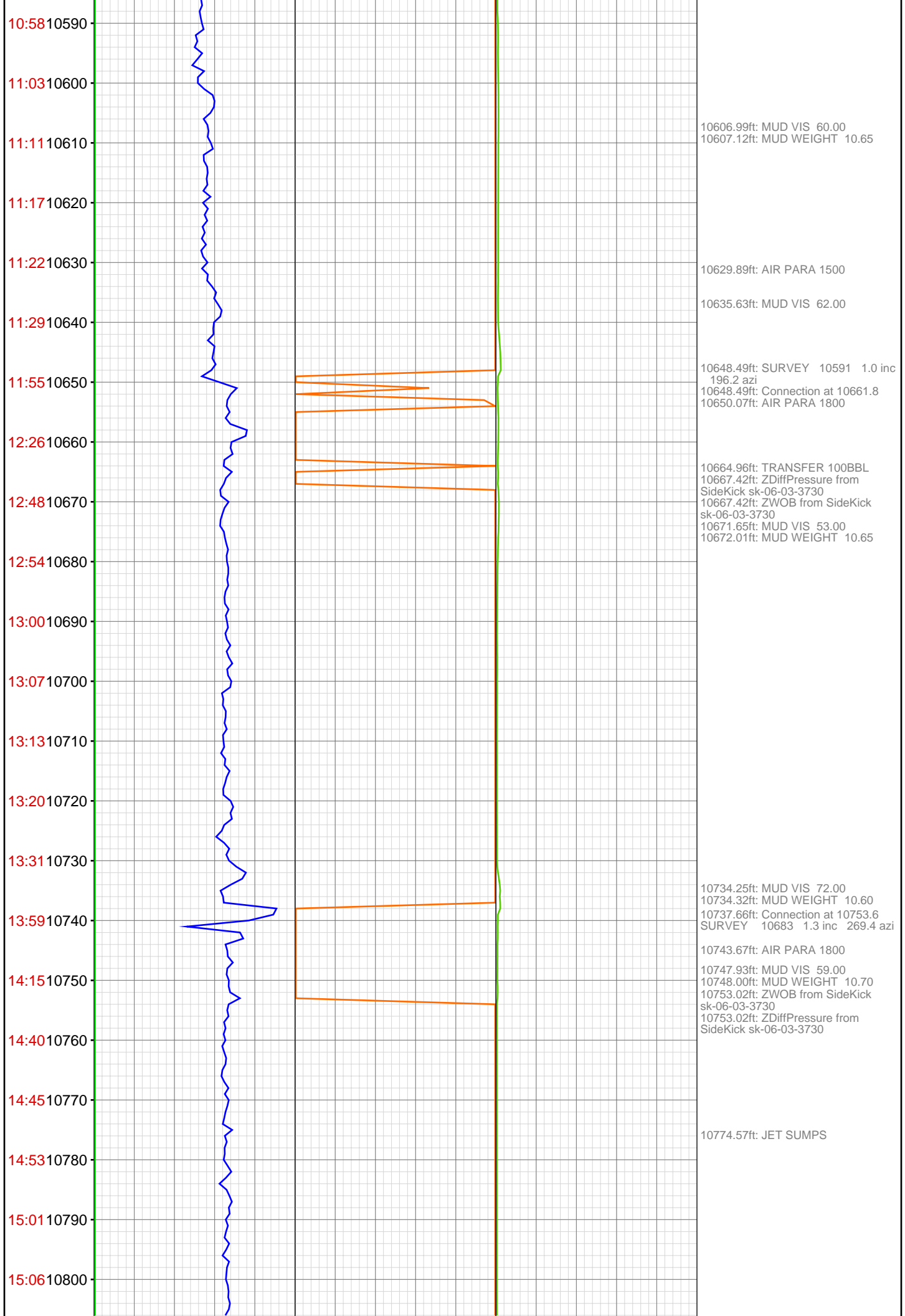
10189.67ft: AIR PARA 1400
10198.79ft: AIR PARA 1500
10198.79ft: ZWOB from SideKick sk-06-03-3730
10198.79ft: ZDiffPressure from SideKick sk-06-03-3730
10198.79ft: Connection at 10203.9
10198.79ft: SURVEY 10133' INC. 1.5 AZ. 233.2
10201.84ft: AIR PARA 1600
10203.15ft: AIR PARA 1800
10207.84ft: MUD VIS 59.00
10207.94ft: MUD WEIGHT 10.60

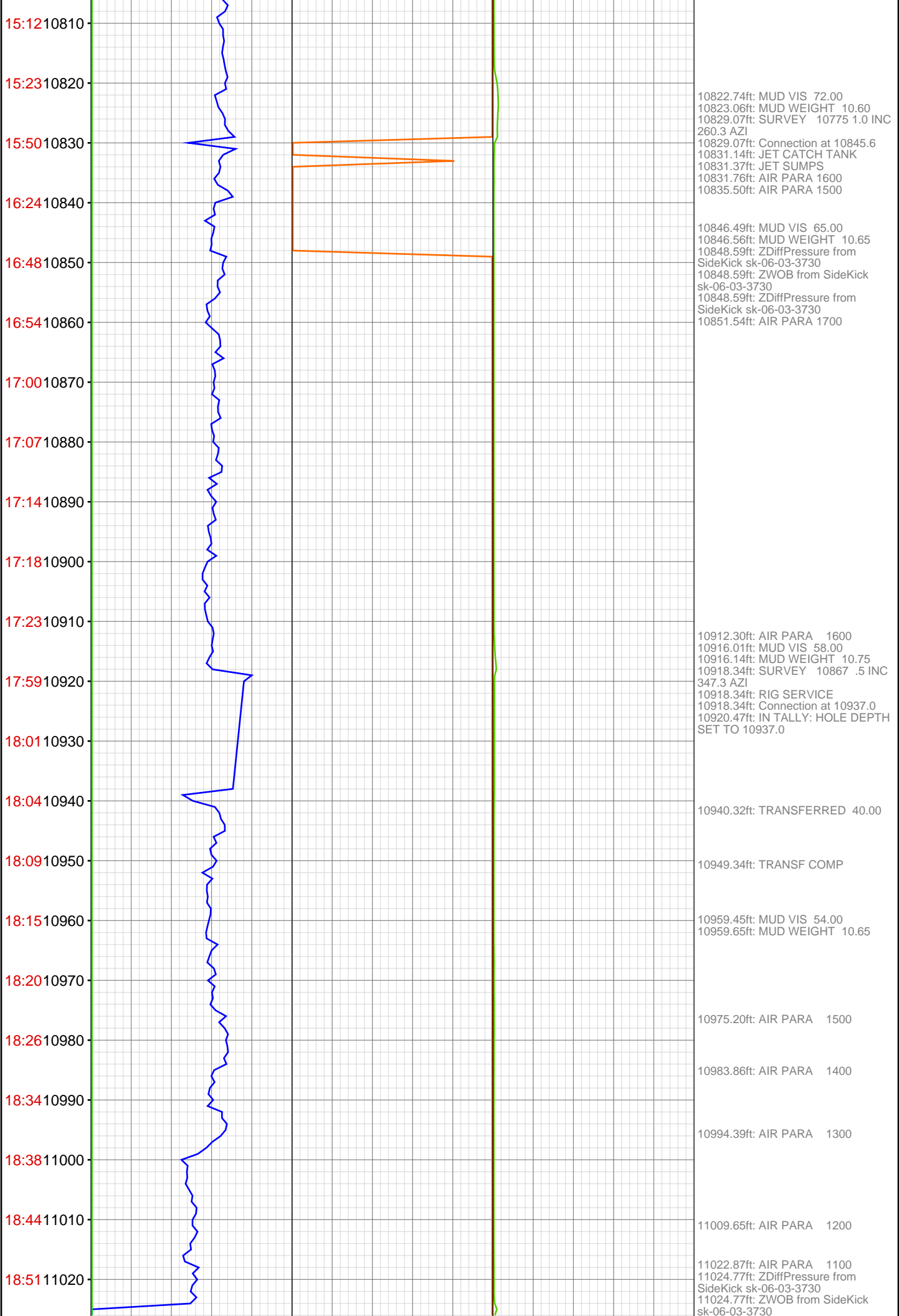
10221.00ft: ZDiffPressure from SideKick sk-06-03-3730

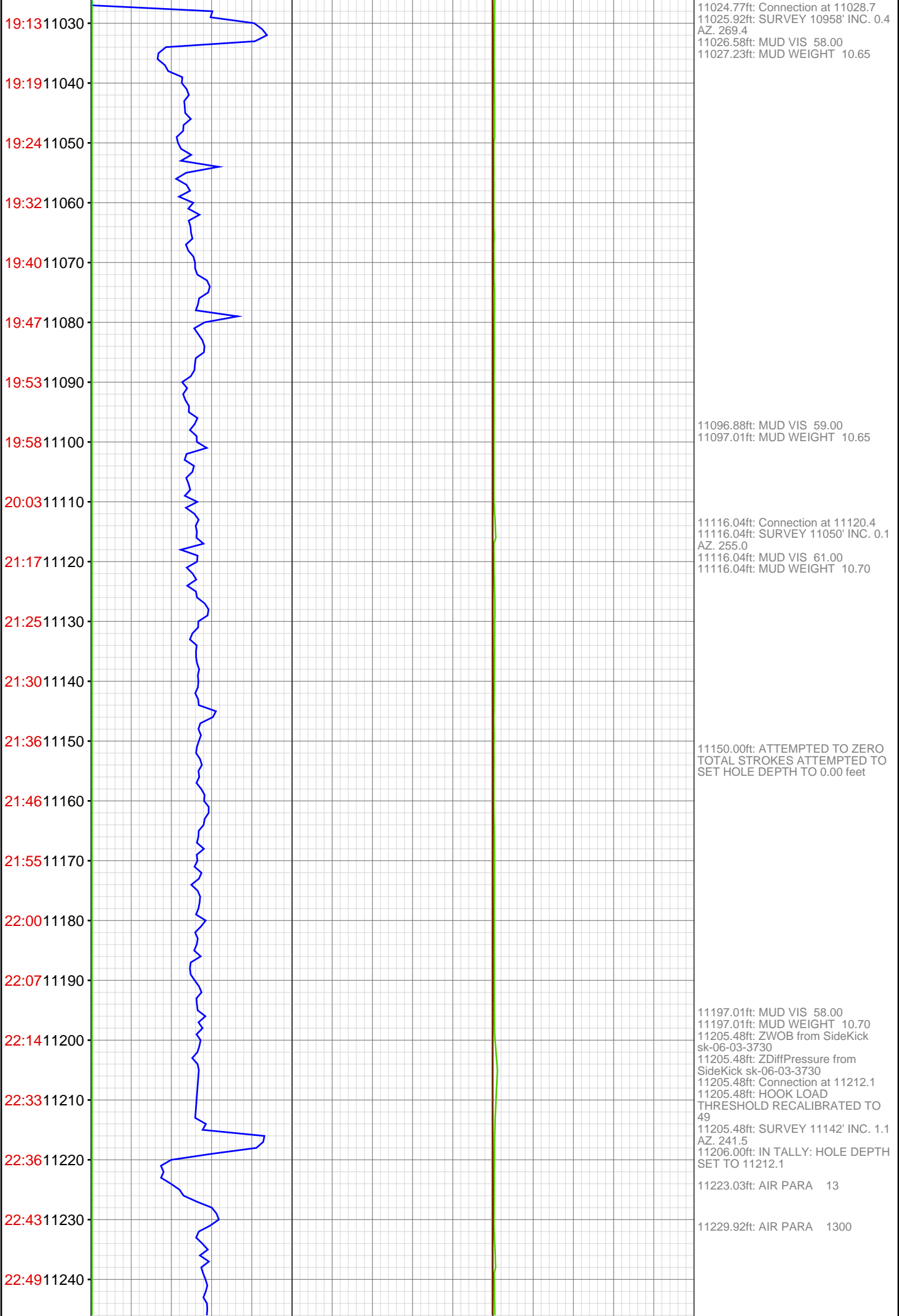
10286.38ft: SURVEY
10287.34ft: MUD VIS 59.00
10287.57ft: MUD WEIGHT 10.55
10290.29ft: Connection at 10295.8
10290.29ft: SURVEY 10225' INC. 0.3 AZ. 100.3

10325.10ft: AIR PARA 1800

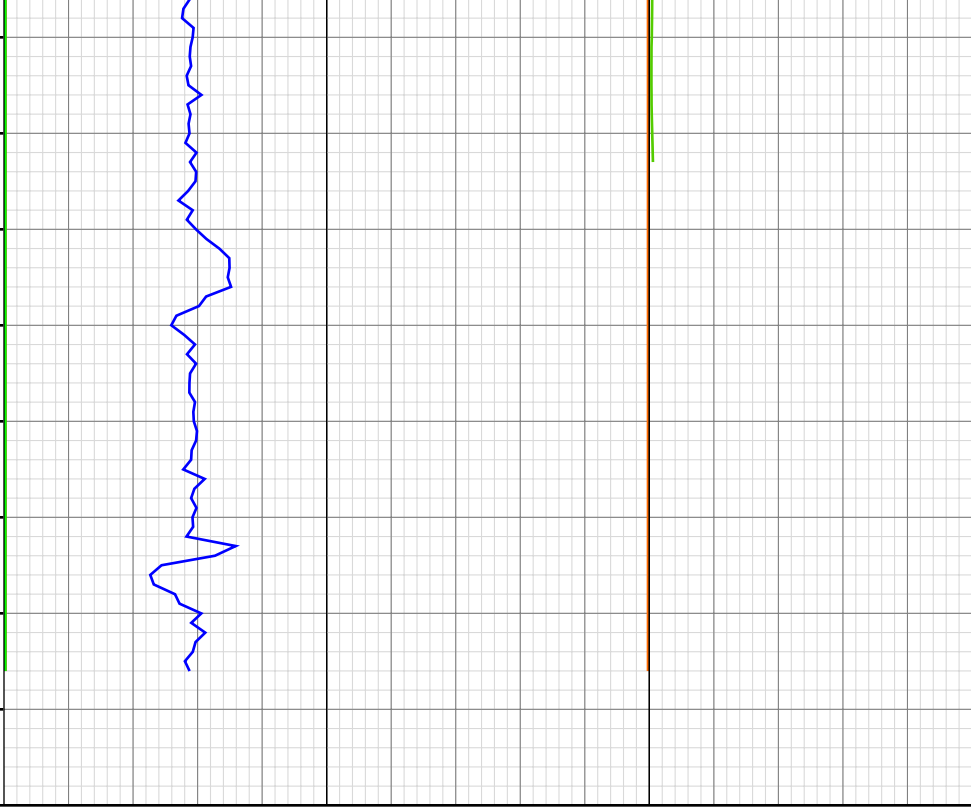








22:54 11250
23:00 11260
23:08 11270
23:16 11280
23:24 11290
23:30 11300
23:55 11310
11320



11259.61ft: AIR PARA 1500
11266.67ft: MUD VIS 62.00
11267.16ft: MUD WEIGHT 10.65
11302.40ft: Connection at 11303.8
11302.40ft: SURVEY 11233' INC. 2.1
AZ. 238.3
11316.01ft: MUD VIS 10.70
11316.01ft: MUD VIS 59.00