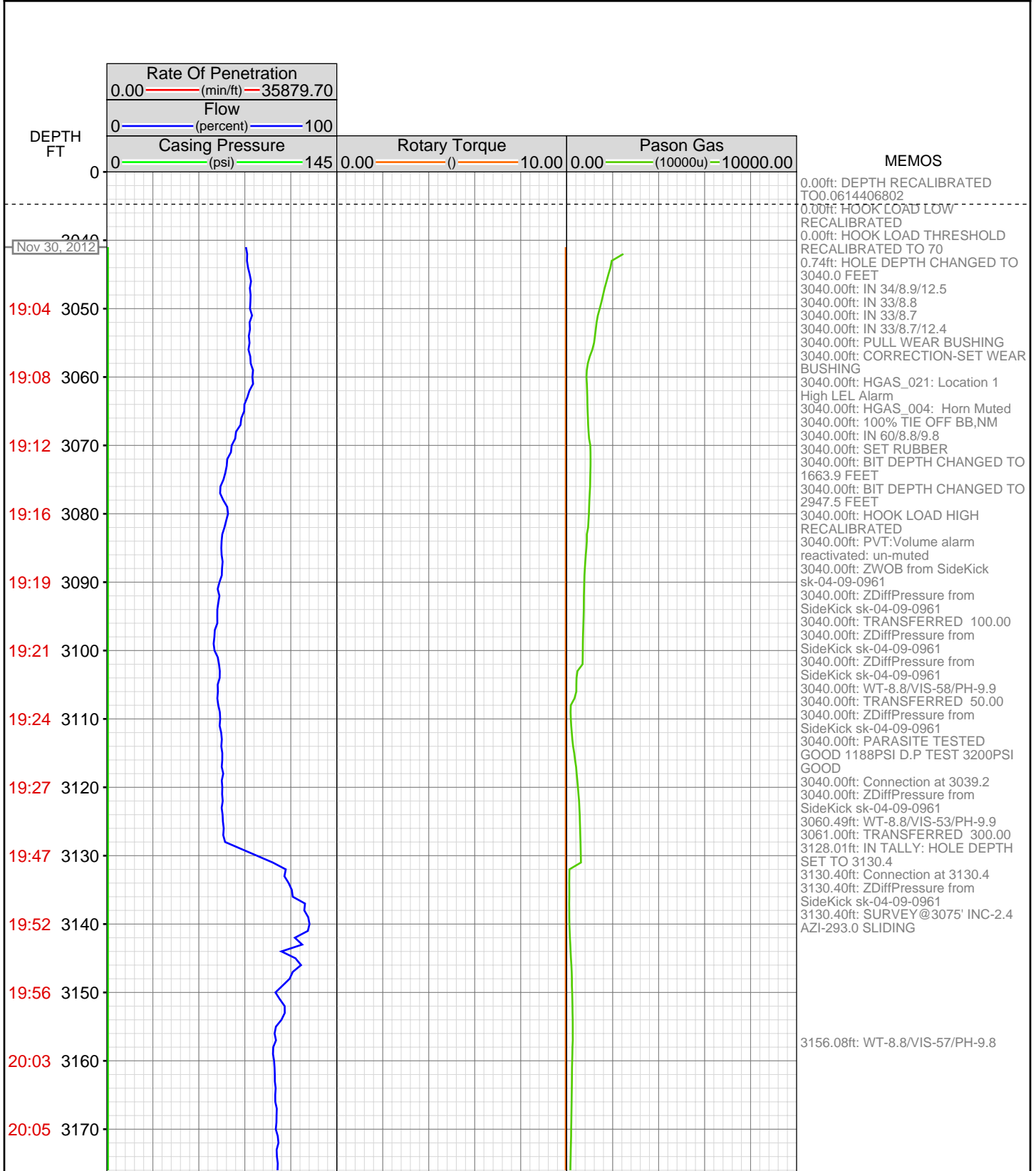


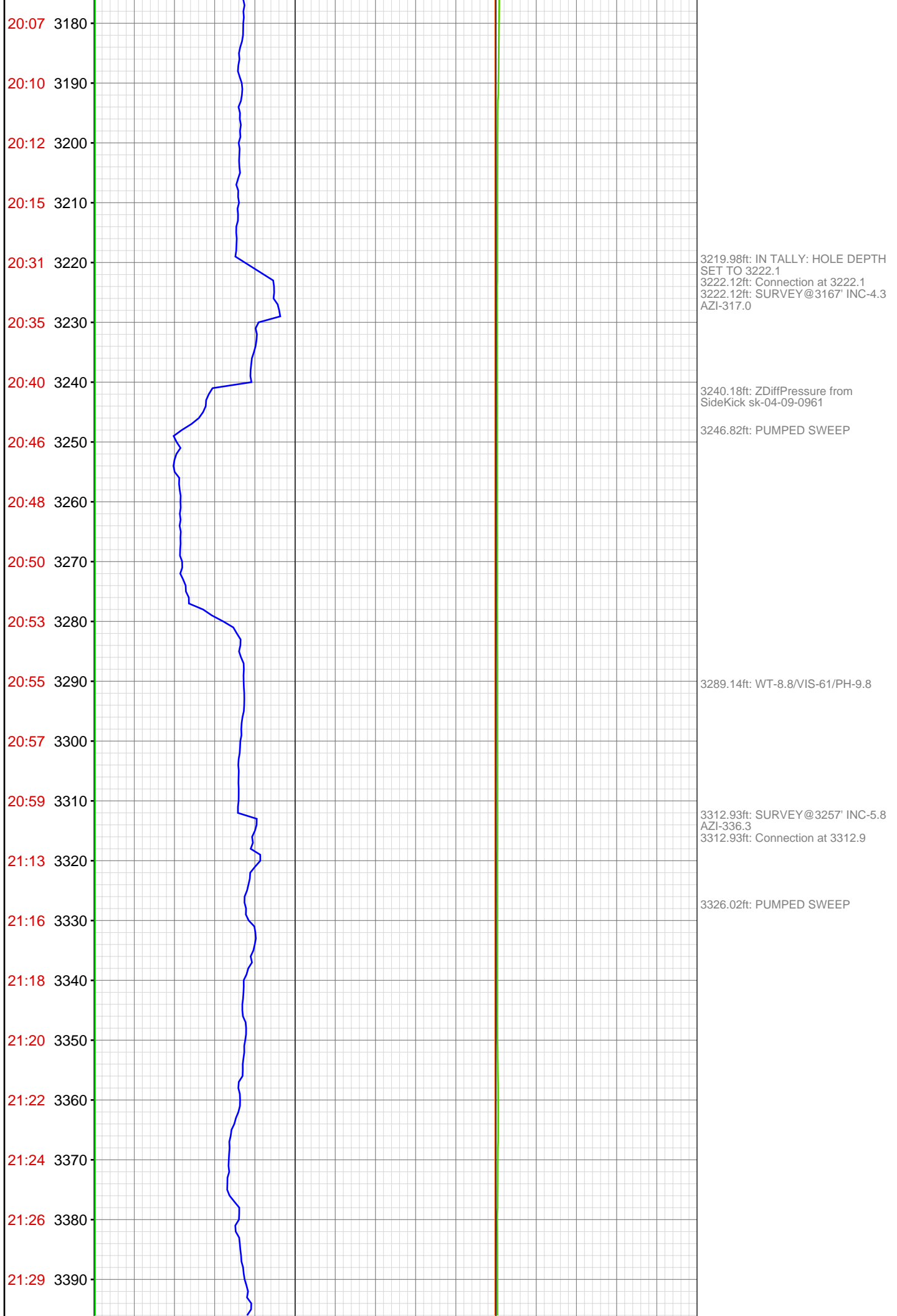
DataHub EDR Log

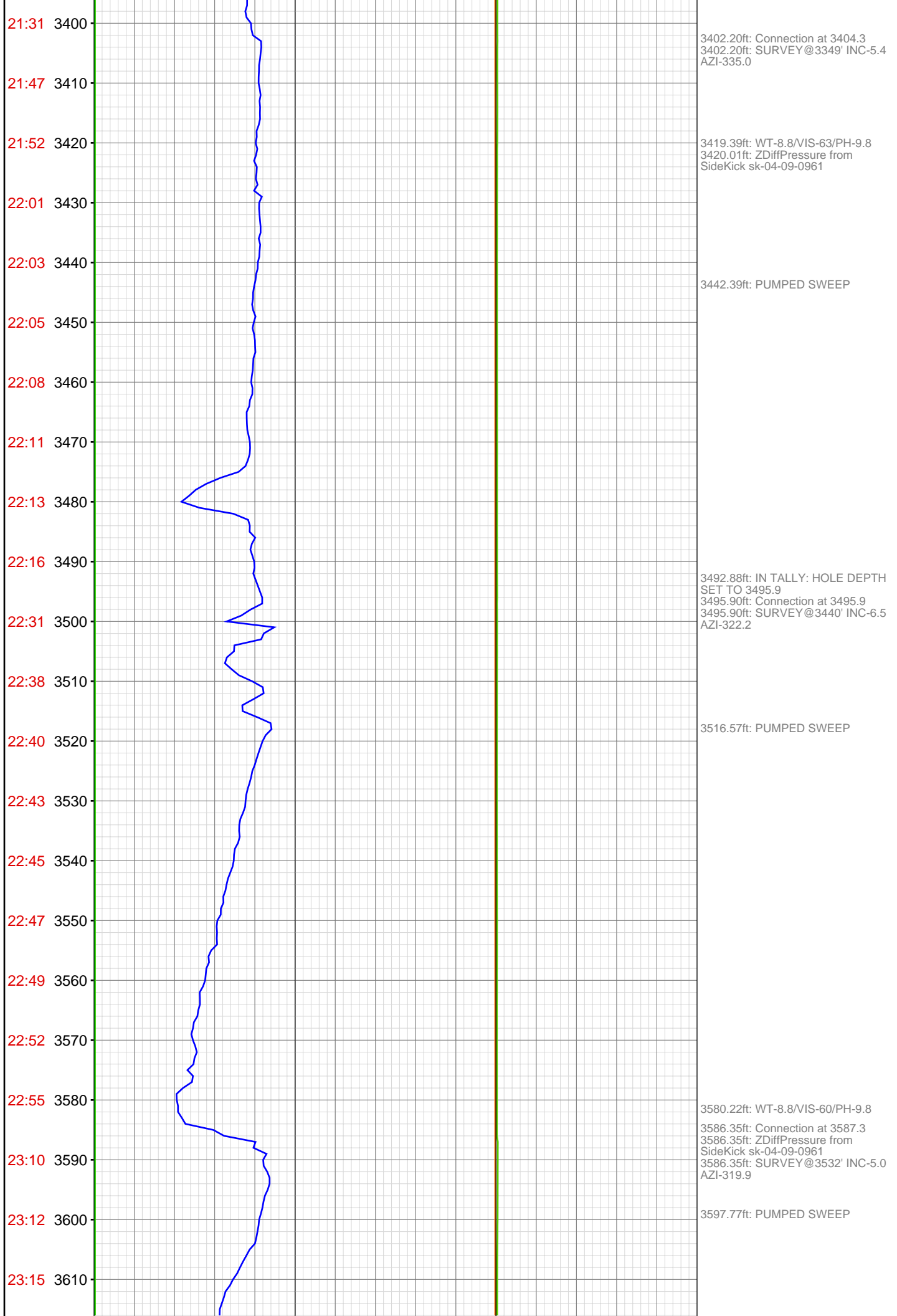
Thu Dec 06, 2012 13:03:16
Well Dossier 1354256474
Marilyn Tucker

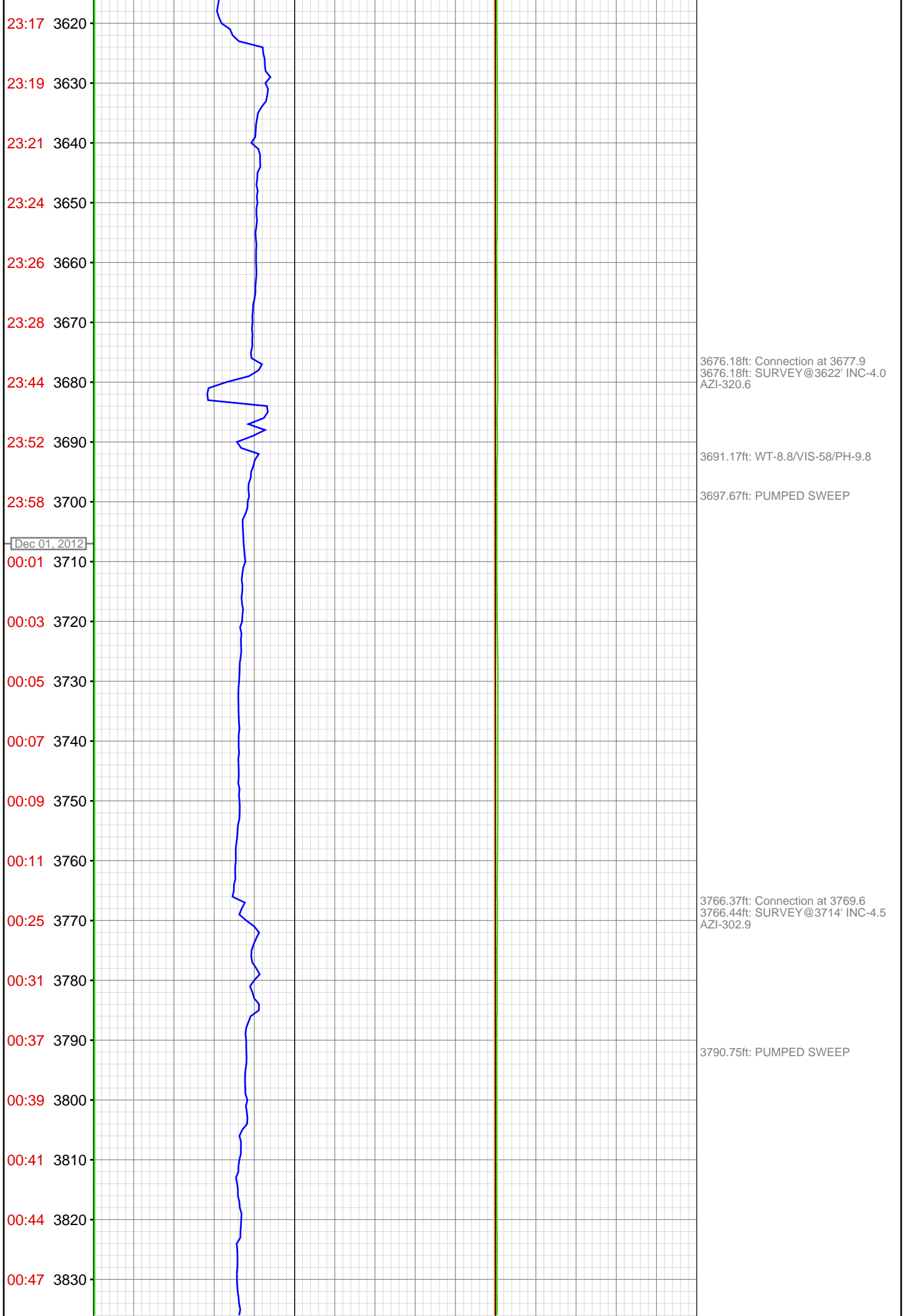
OPERATOR: EnCana Oil & Gas (USA), Inc.
WELL: SG 8513E-25 D36 496
FIELD:
LOCATION:
COUNTRY: USA
RIG: Pat-UTI 326

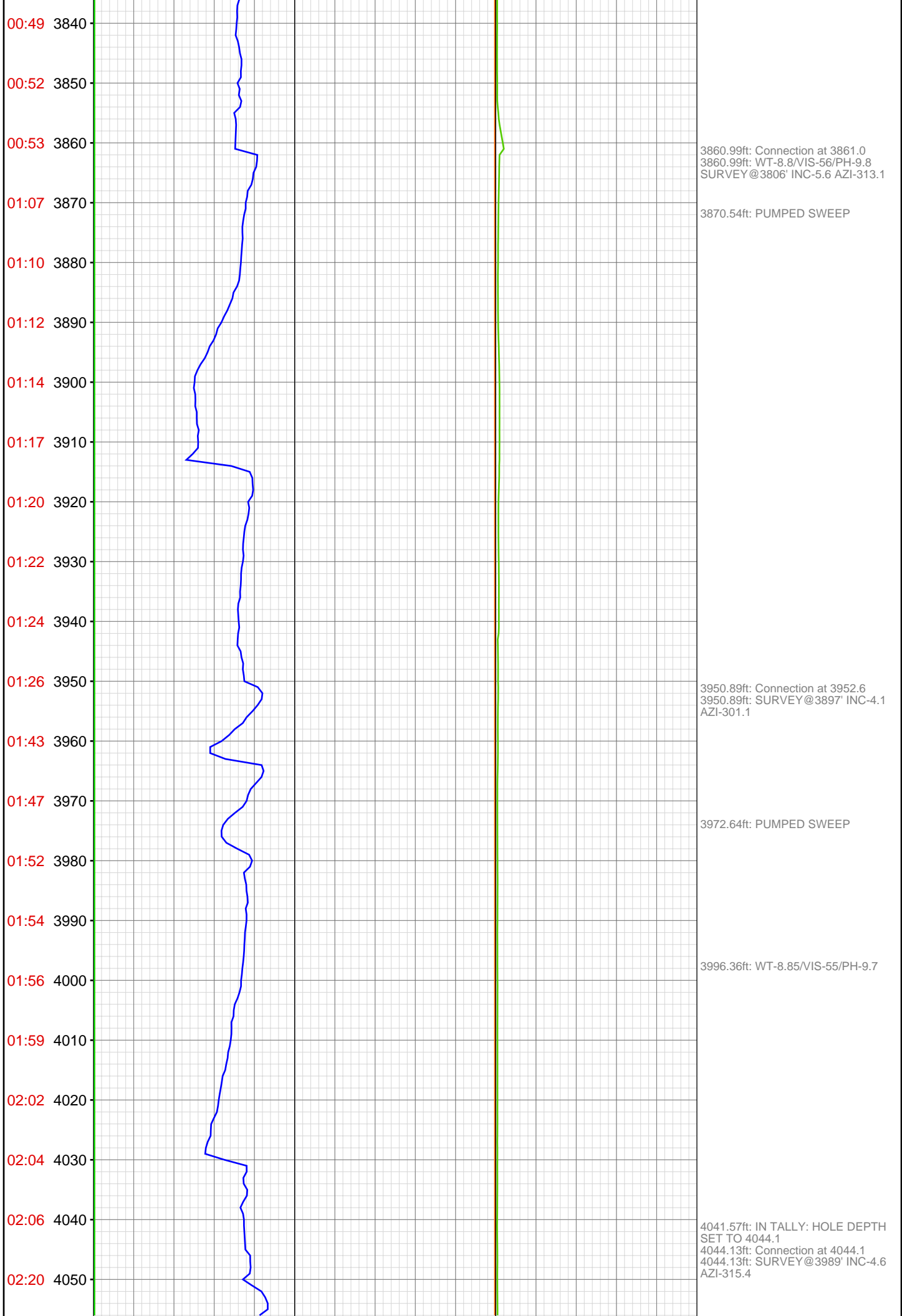
CONTRACTOR: Patterson-UTI Drilling Company
UNIQUE WELL ID: 05 045 20920 00
SPUD DATE: Nov 30, 2012 19:00
RELEASE DATE:

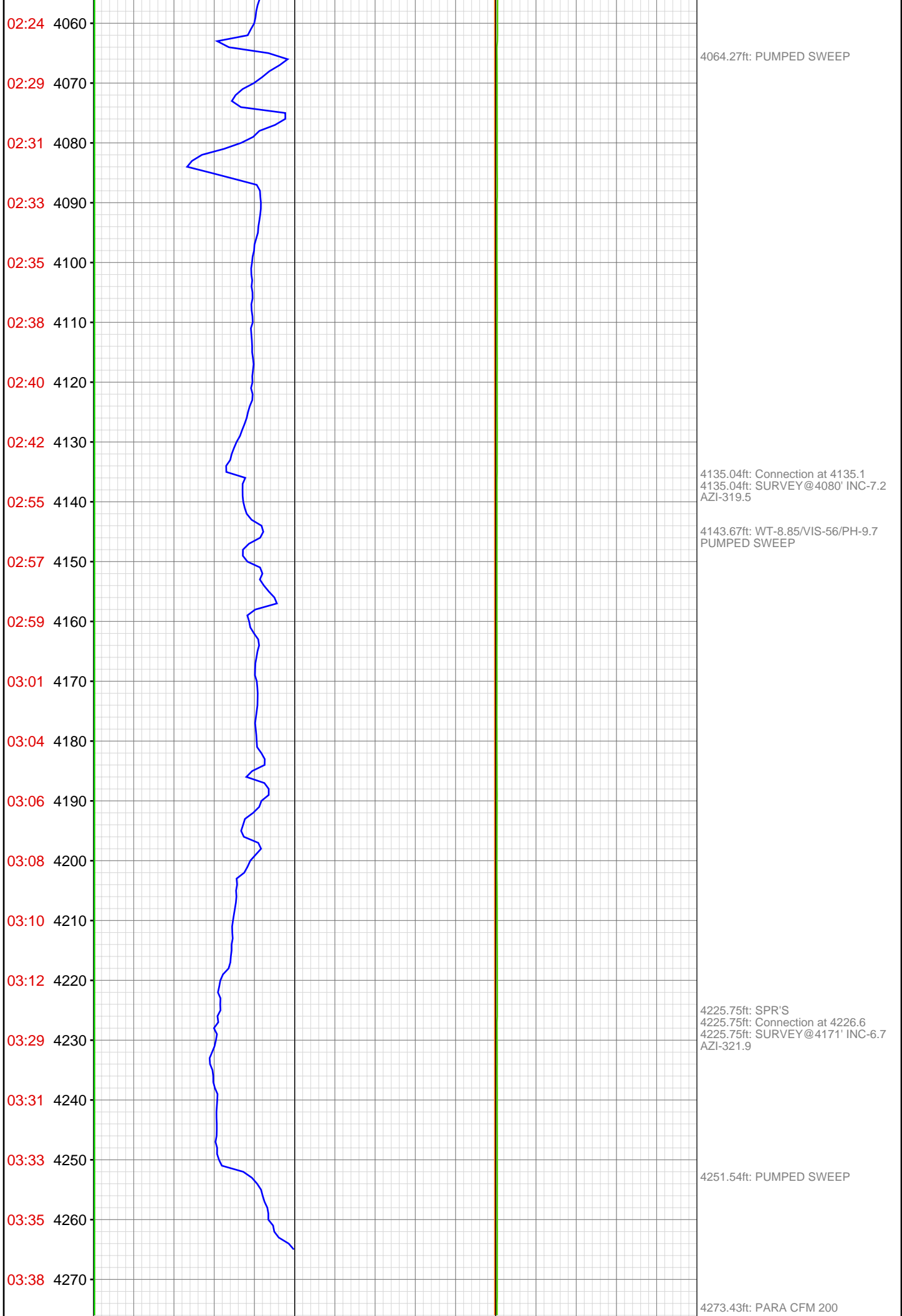




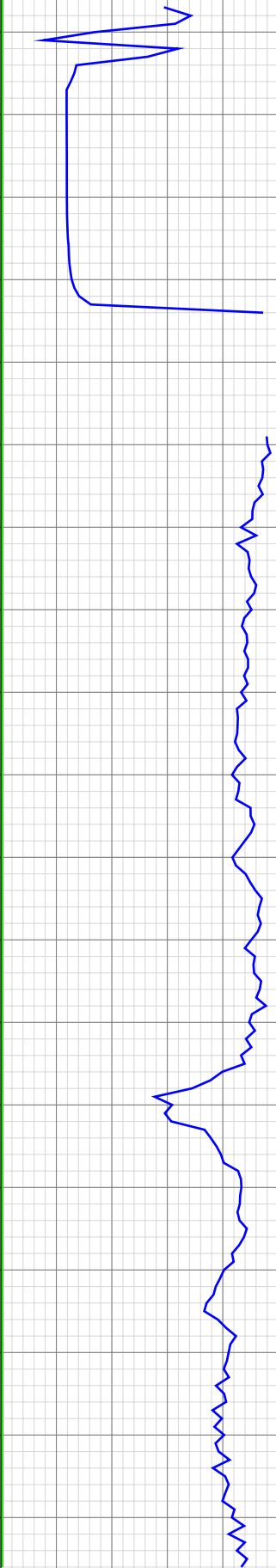








03:40 4280
03:43 4290
03:45 4300
03:47 4310
04:01 4320
04:03 4330
04:05 4340
04:07 4350
04:09 4360
04:12 4370
04:14 4380
04:16 4390
04:18 4400
04:30 4410
04:33 4420
04:35 4430
04:37 4440
04:40 4450
04:42 4460
04:44 4470
04:46 4480
04:48 4490



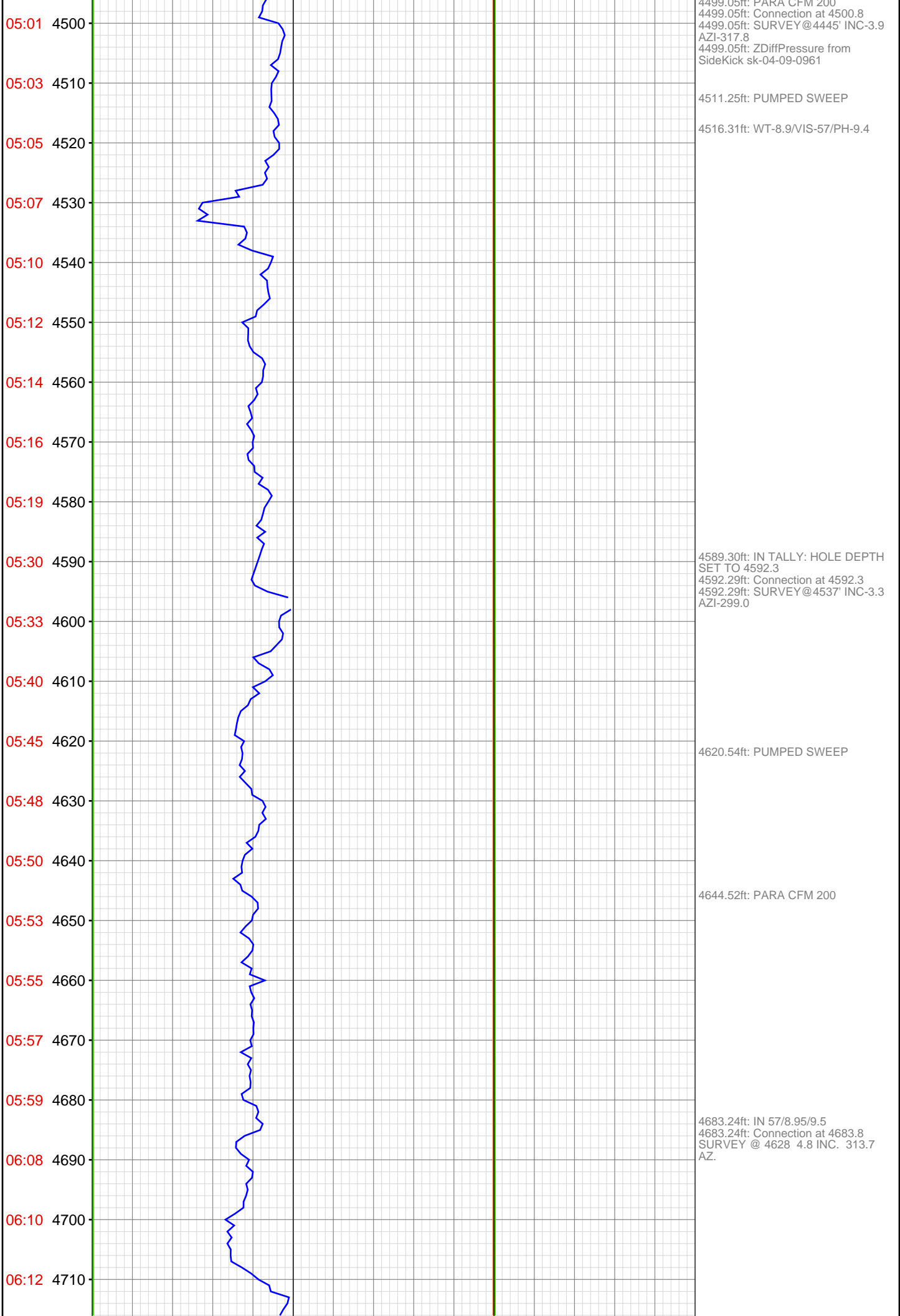
4316.44ft: SURVEY@4263' INC-6.0
AZI-320.5
4316.44ft: Connection at 4318.1
4316.44ft:
WT-8.9/VIS-57/PH-9.6/H2O@5 GPM

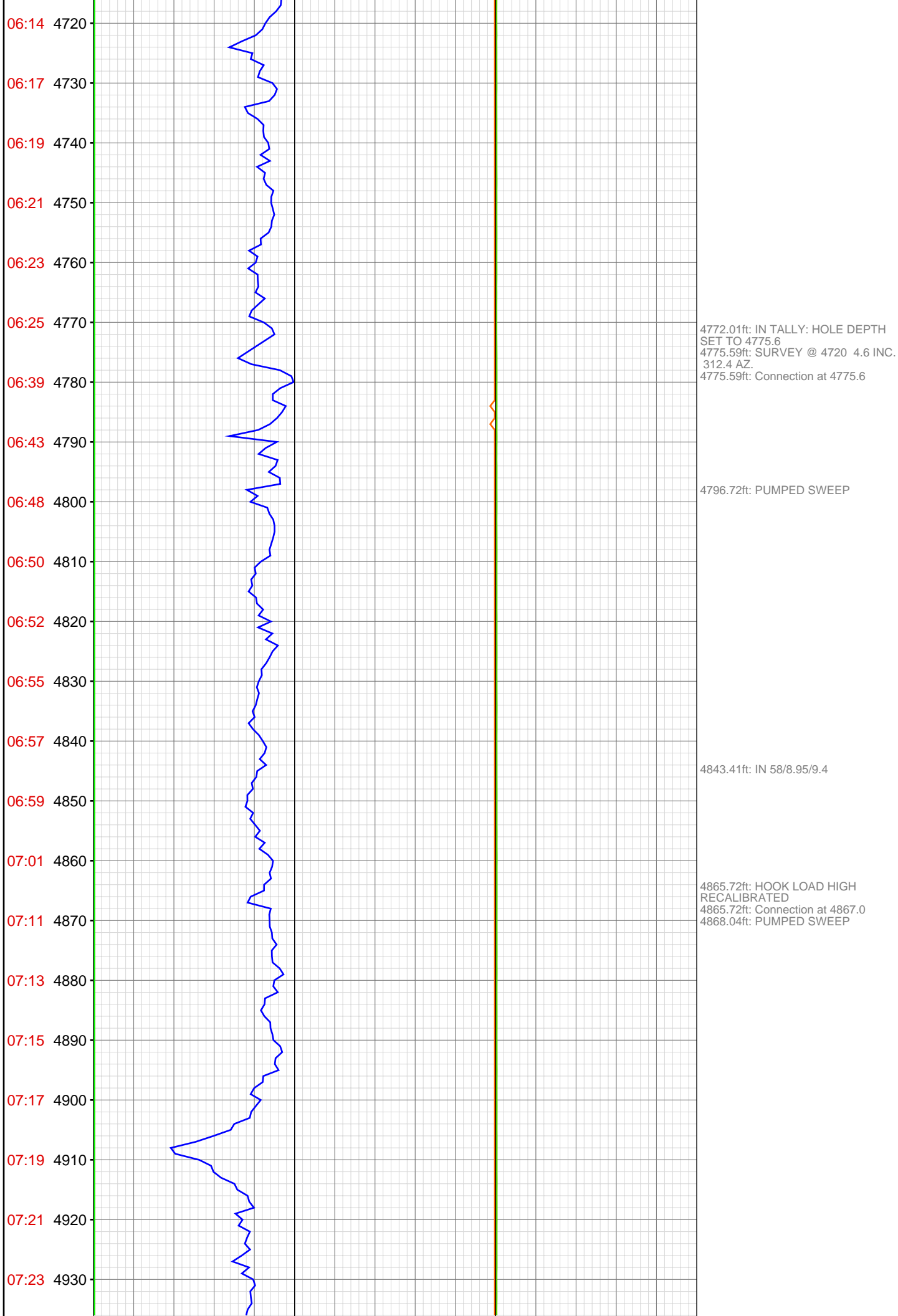
4329.00ft: PUMPED SWEEP

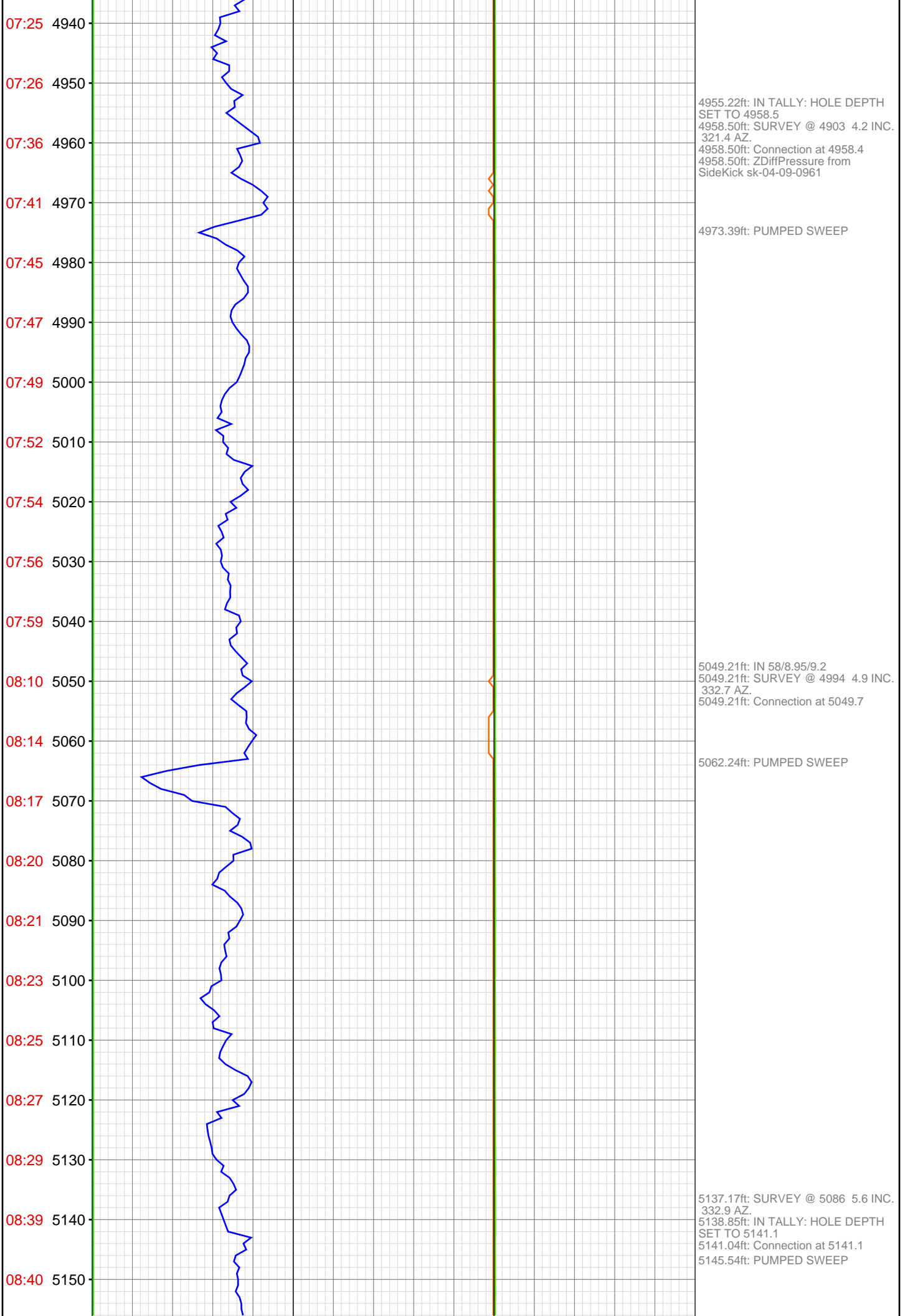
4352.99ft: PARA CFM 200

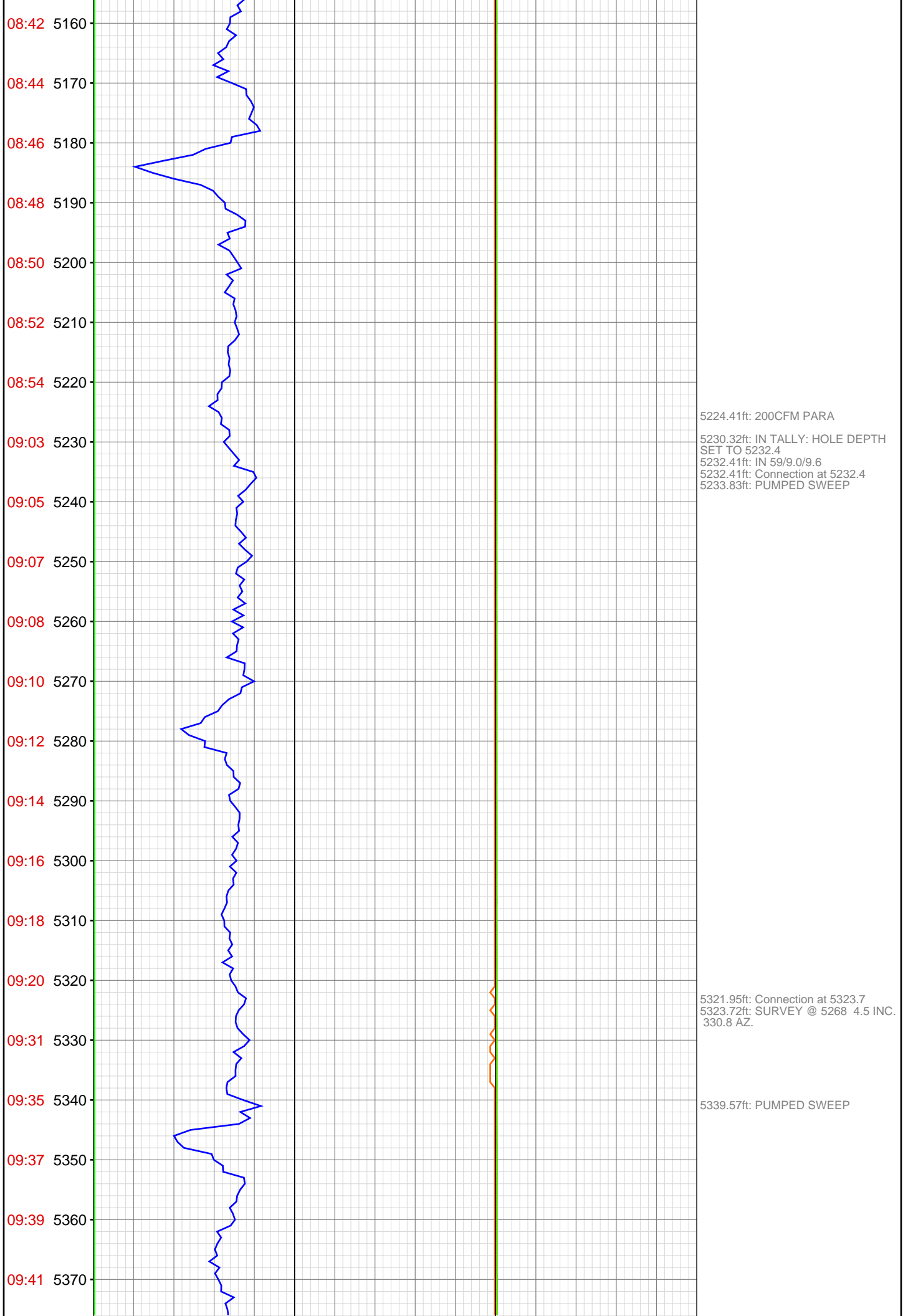
4407.41ft: IN TALLY: HOLE DEPTH
SET TO 4409.4
4409.42ft: Connection at 4409.4
4409.42ft: SURVEY@4354' INC-4.7
AZI-316.9
4414.01ft: PUMPED SWEEP

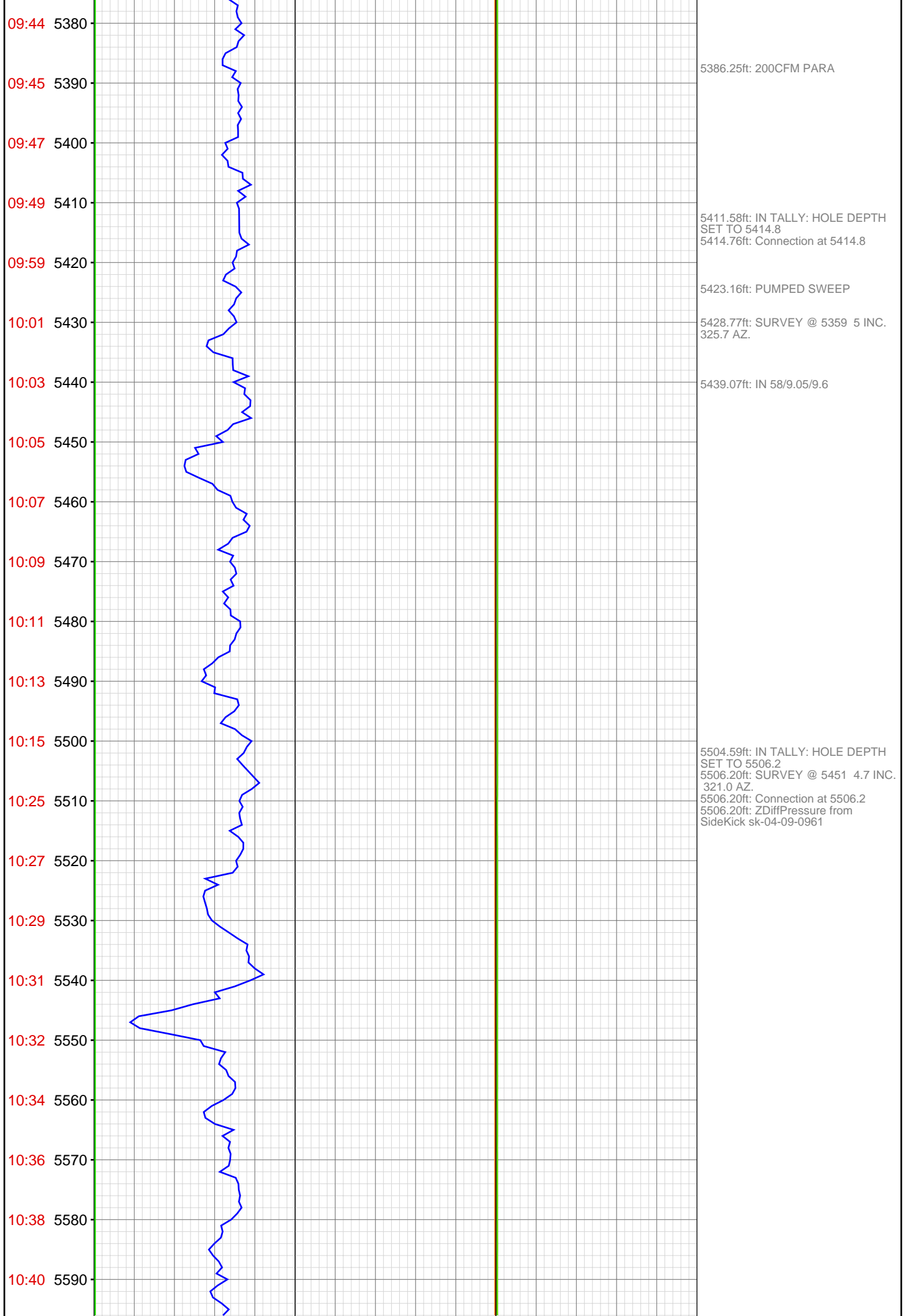
4499.95ft: PARA CFM 200

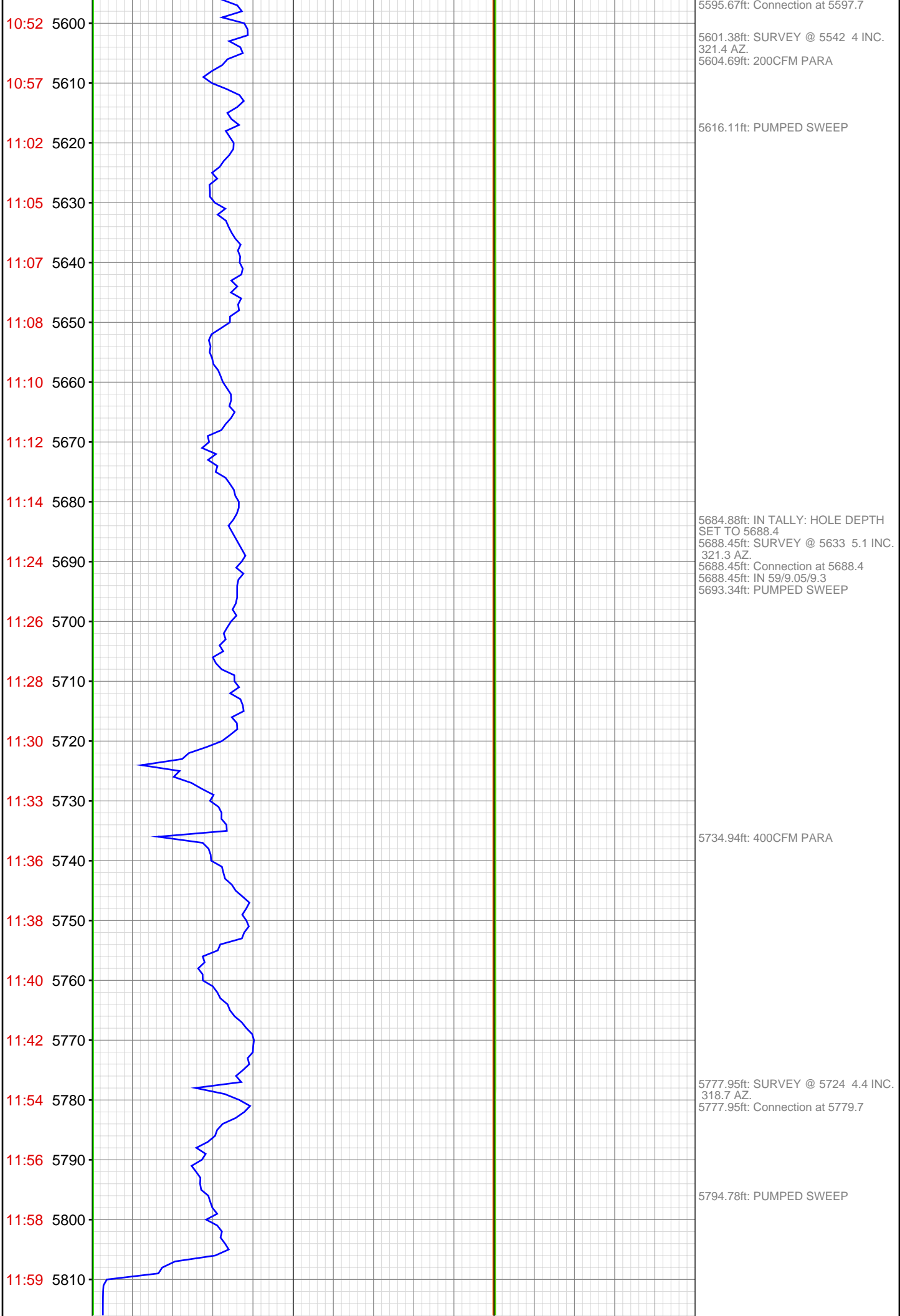


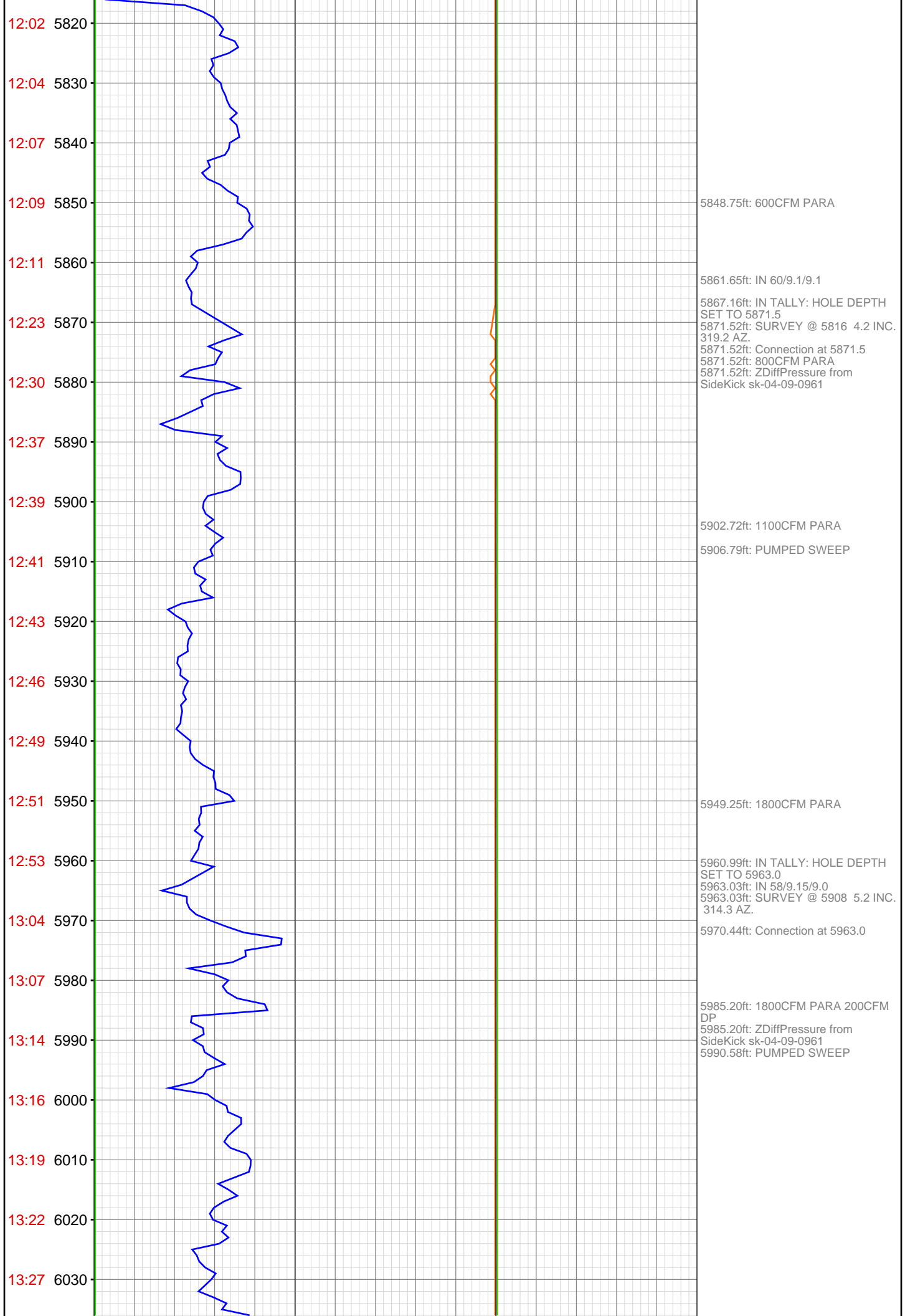












13:30 6040
13:33 6050
15:25 6060
15:27 6070
15:29 6080
15:31 6090
15:34 6100
15:37 6110
15:40 6120
15:43 6130
15:45 6140
16:02 6150
16:13 6160
16:19 6170
16:21 6180
16:23 6190
16:25 6200
16:29 6210
16:31 6220
16:34 6230
16:47 6240
16:49 6250



6052.53ft: RIG SERVICE
6052.53ft: 1800CFM PARA 200CFM
DP
6052.53ft: IN 57/9.15/9.7
6052.53ft: IN 53/9.2/9.1
6052.53ft: Connection at 6054.5
6052.53ft: 1800CFM PARA 300CFM
DP

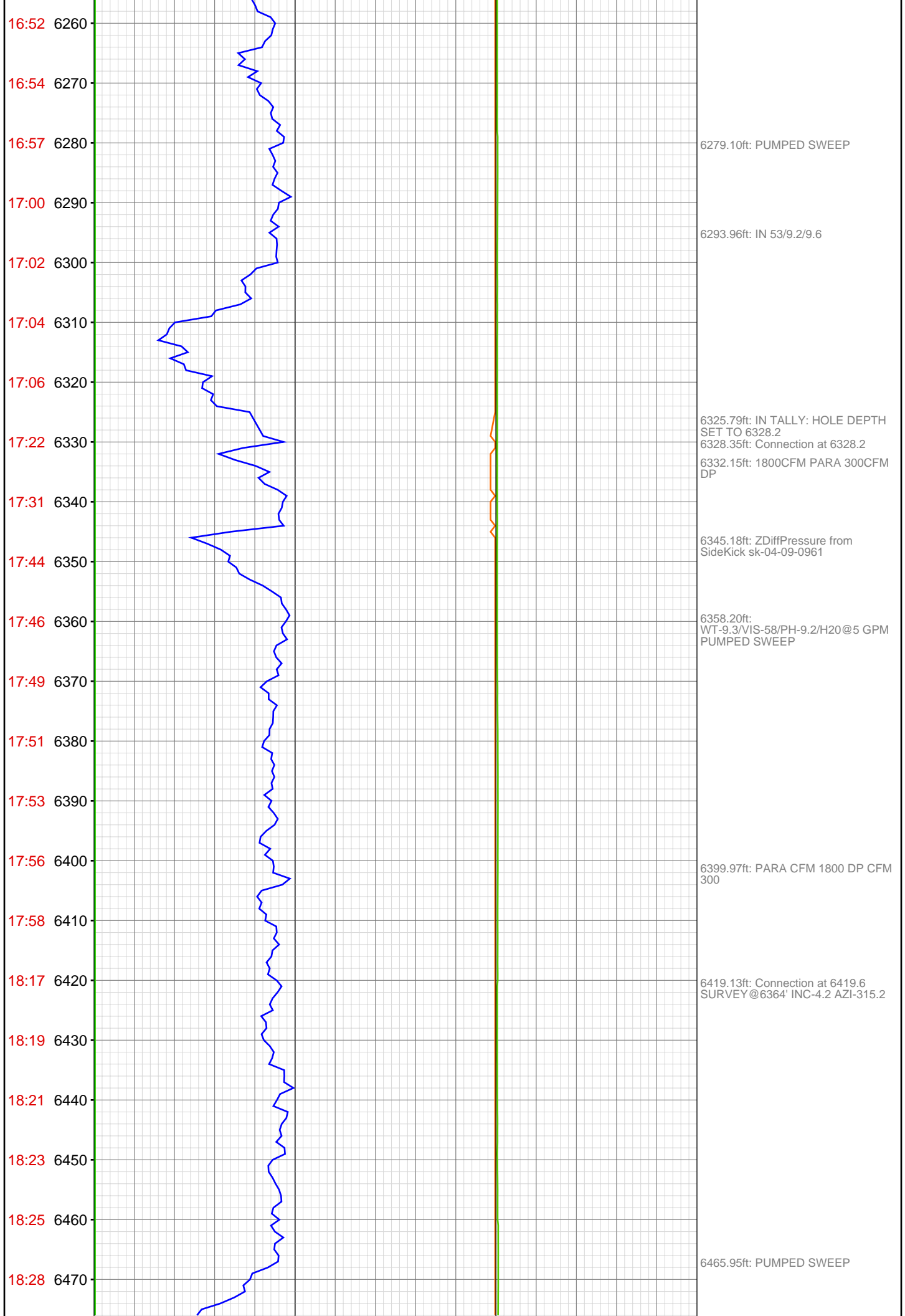
6071.33ft: PUMPED SWEEP

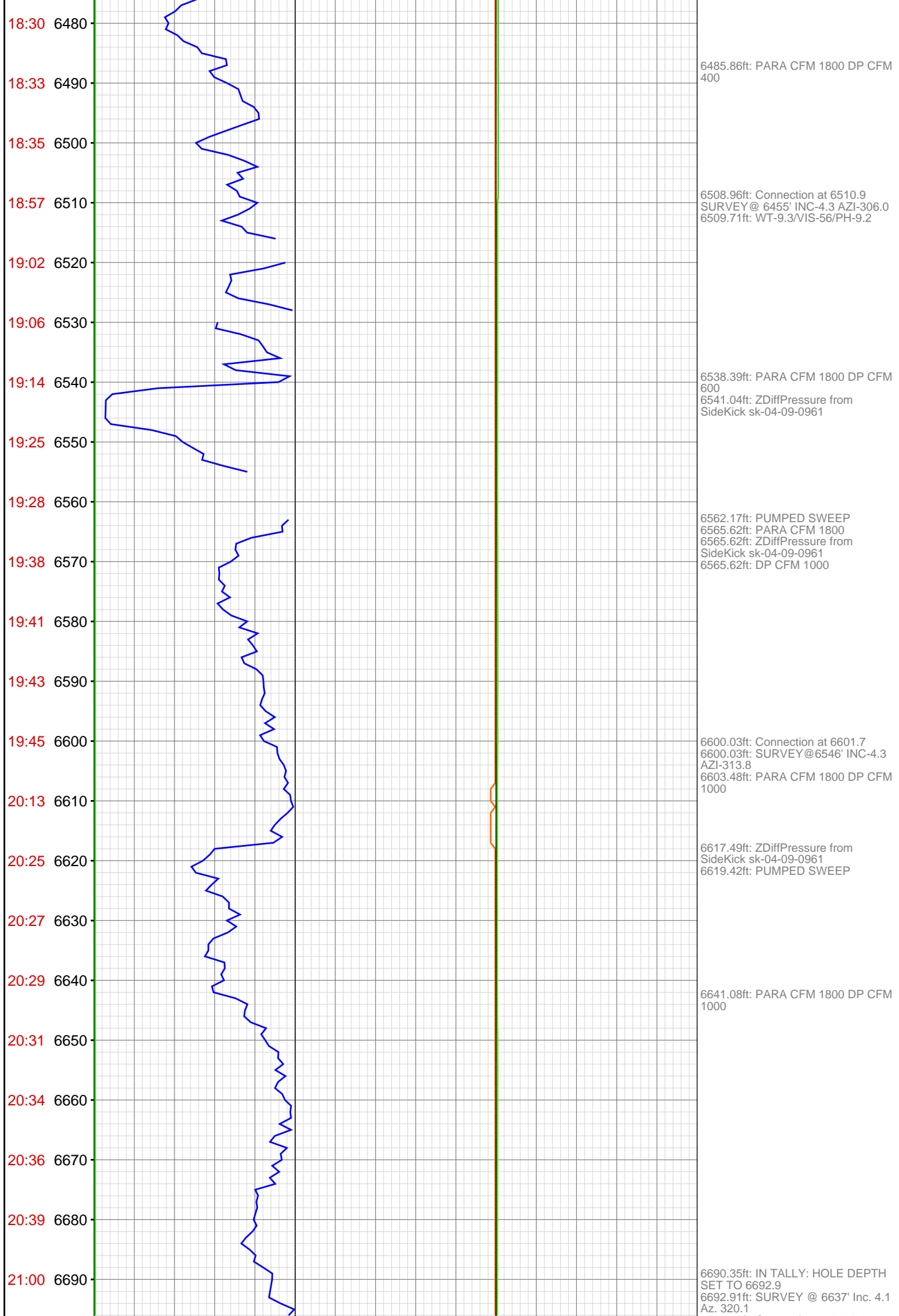
6142.09ft: IN TALLY: HOLE DEPTH
SET TO 6145.9
6145.90ft: IN 58/9.15/9.2
6145.90ft: Connection at 6145.9
6148.72ft: SURVEY @ 6090 4.3 INC.
303.4 AZ.

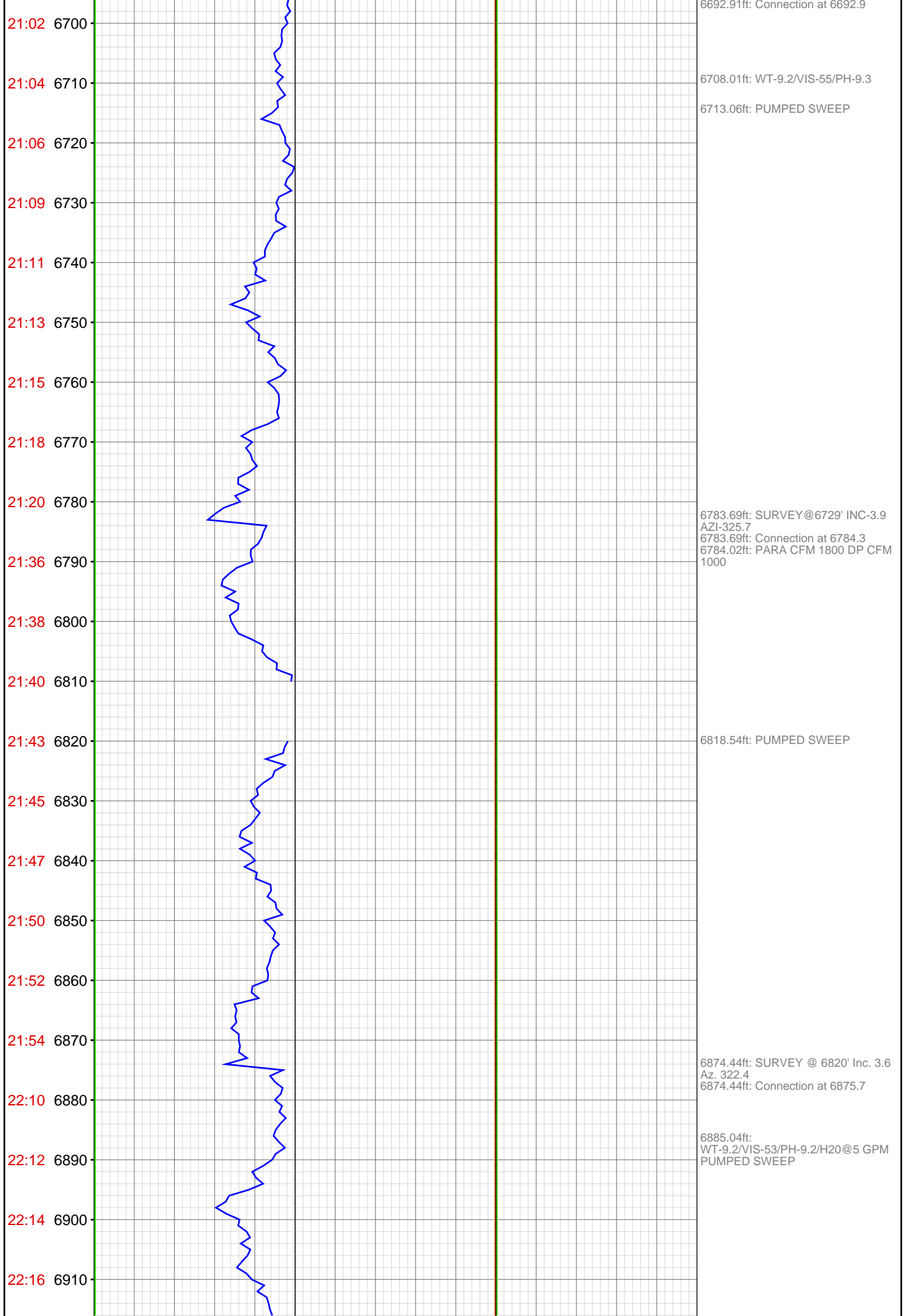
6163.22ft: PUMPED SWEEP
6163.22ft: ZDiffPressure from
SideKick sk-04-09-0961

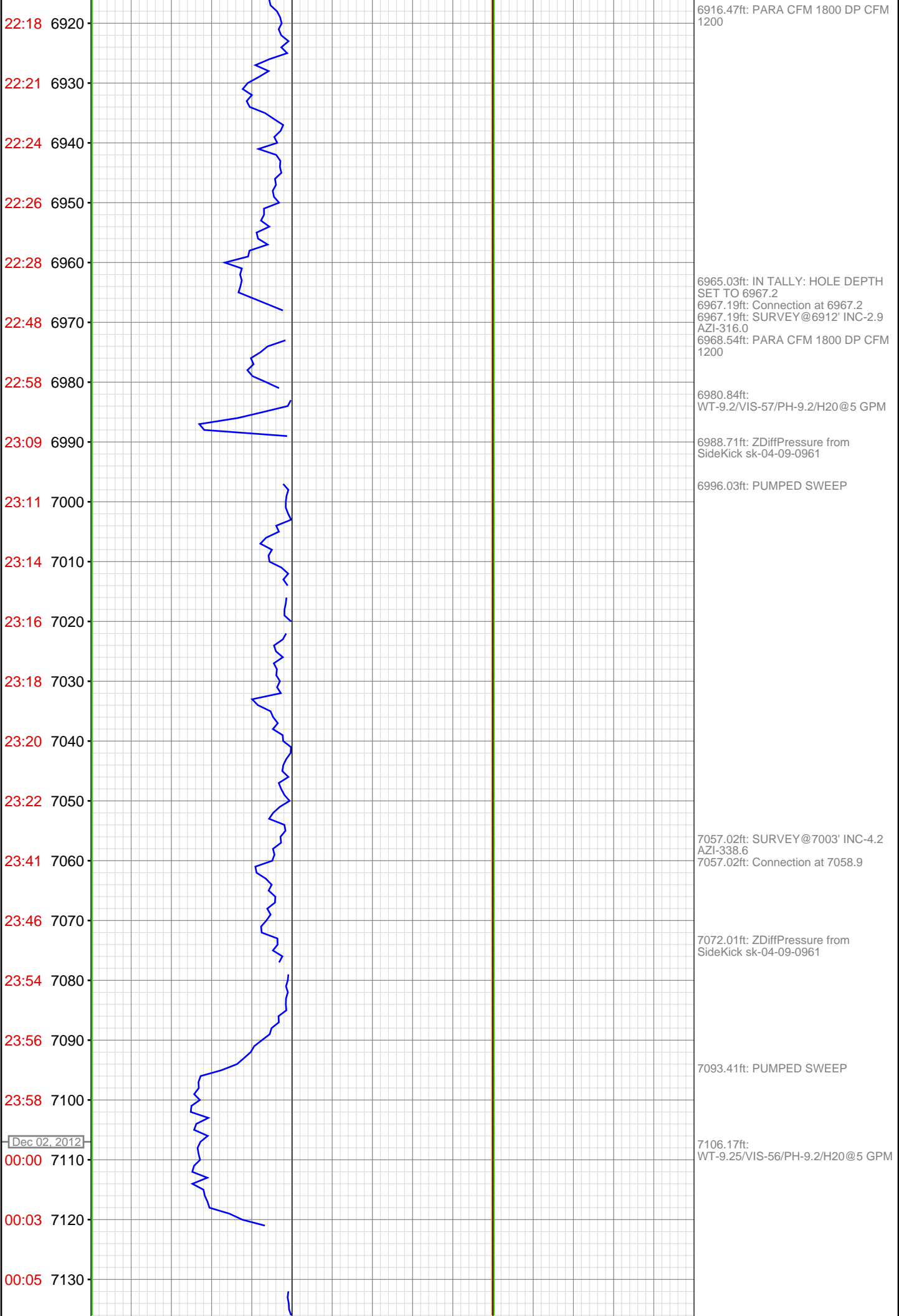
6220.51ft: 1800CFM PARA 300CFM
DP

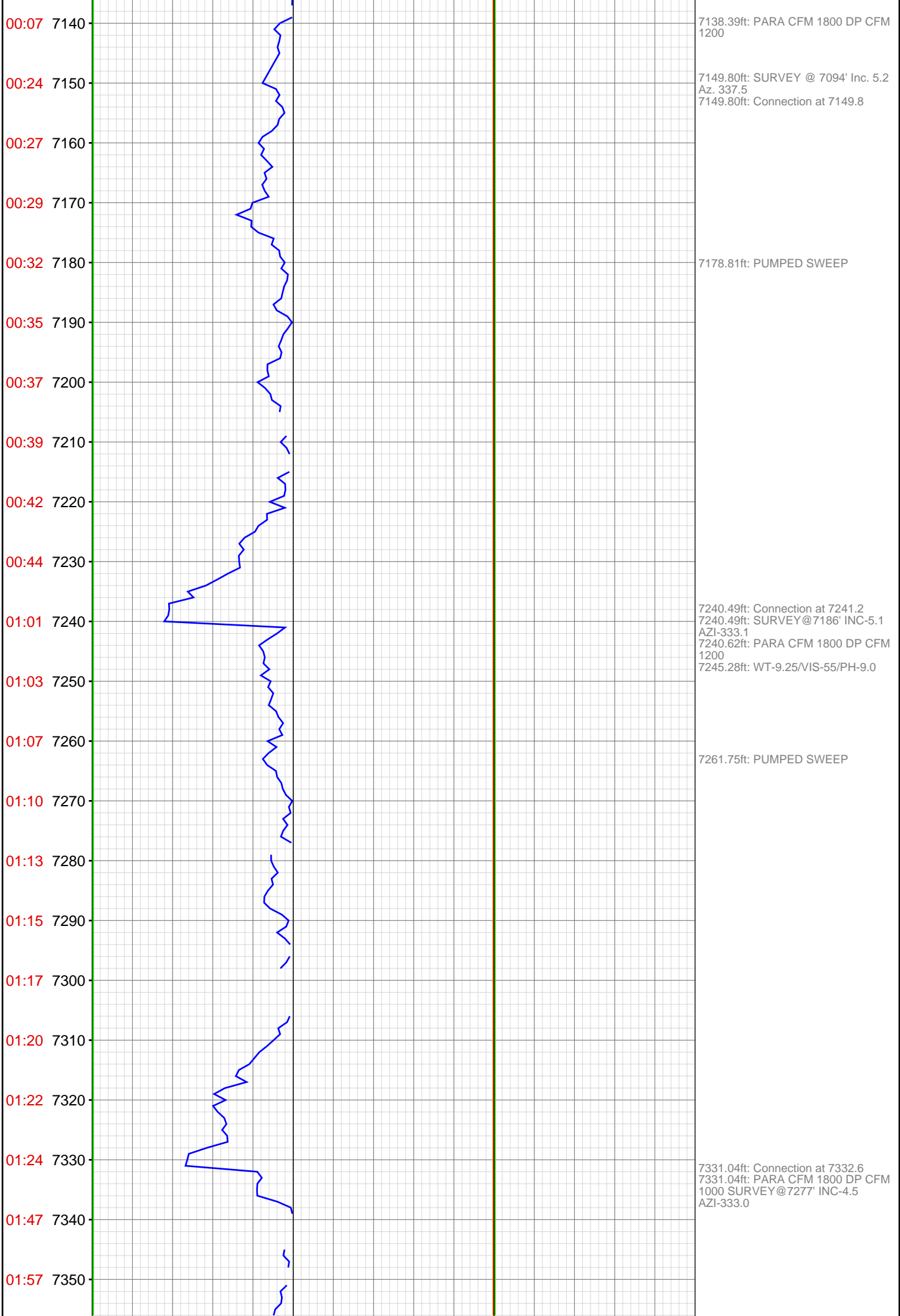
6236.45ft: SURVEY @ 6181 5 INC.
317.4 AZ.
6236.45ft: Connection at 6236.9

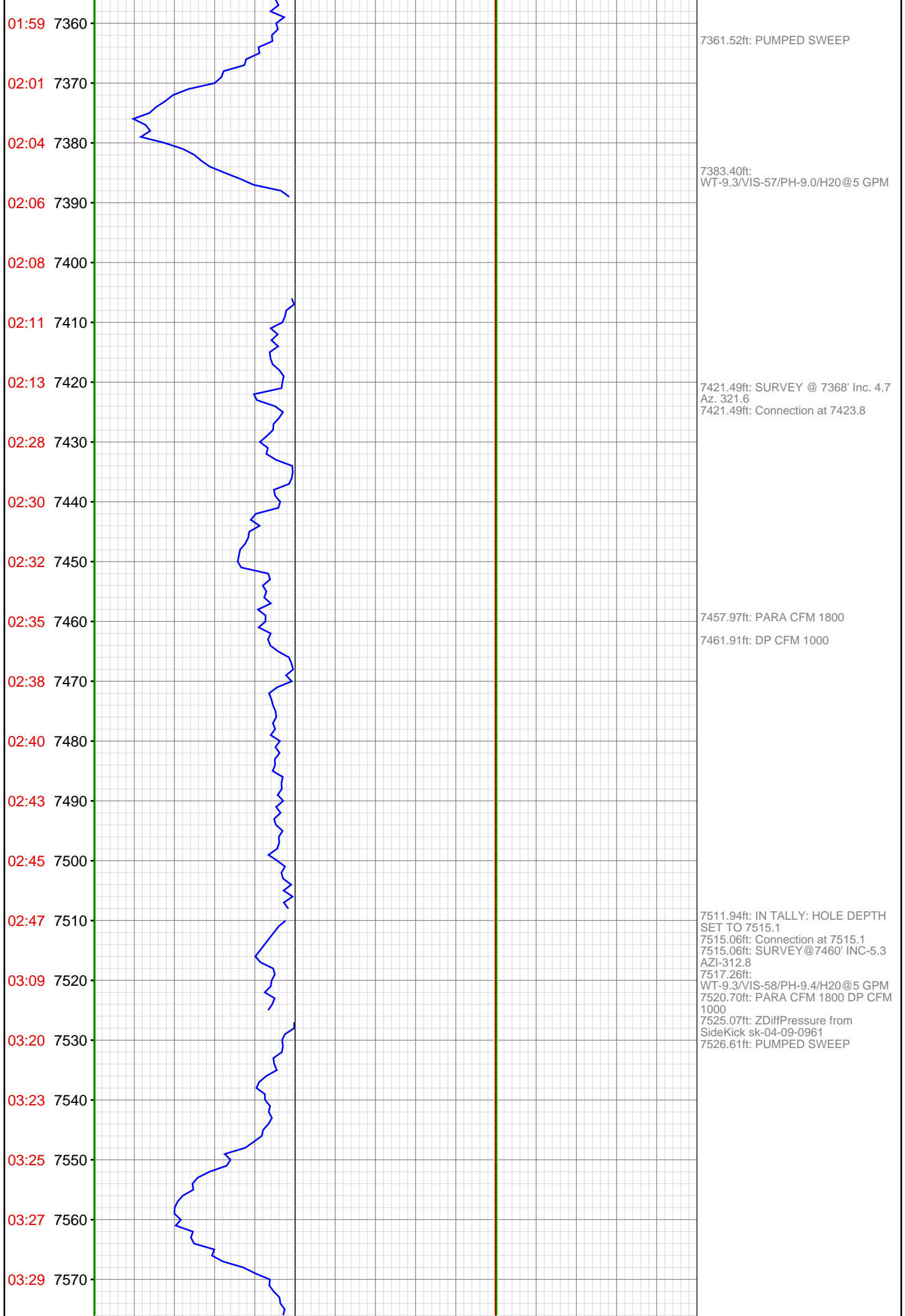


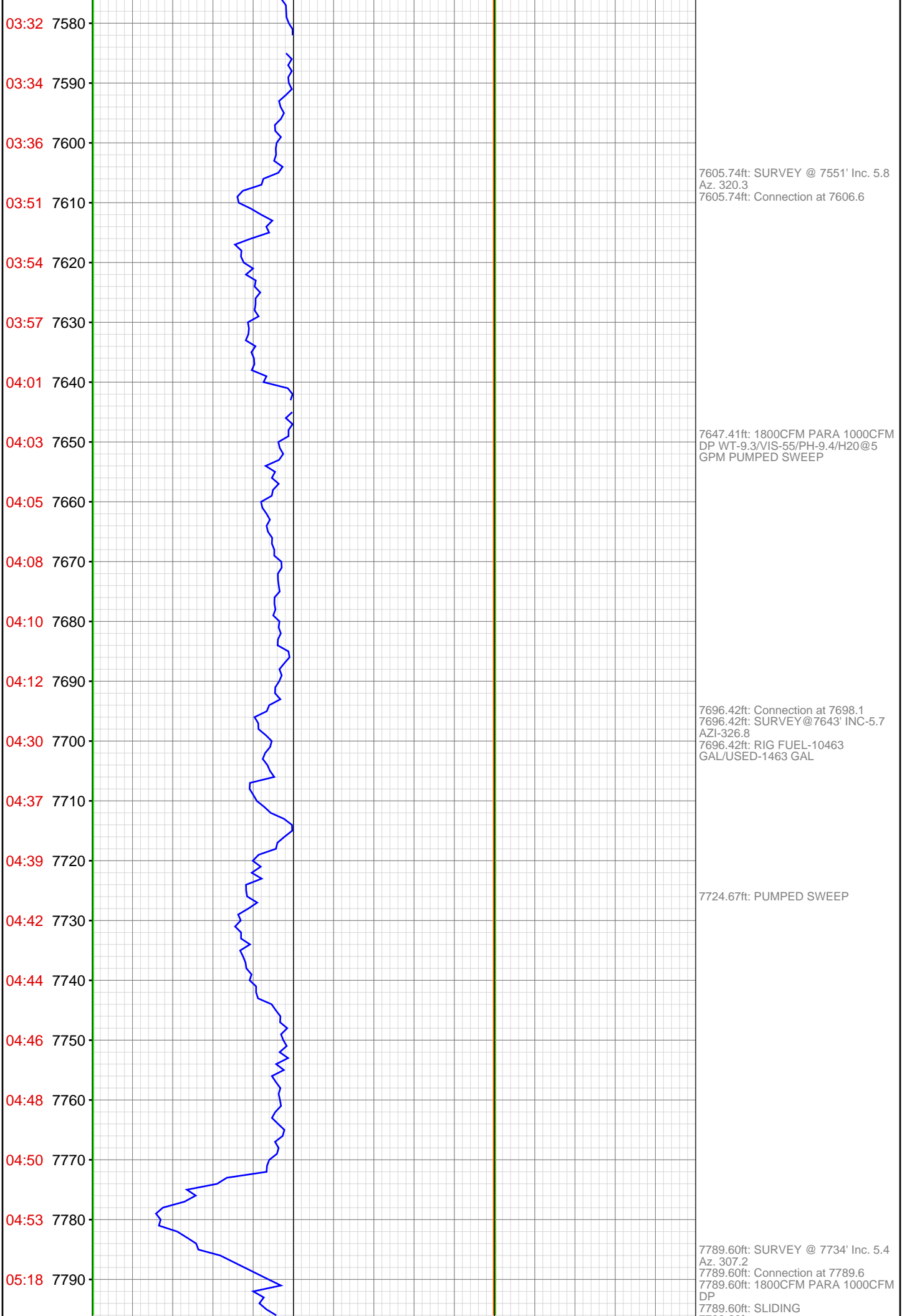


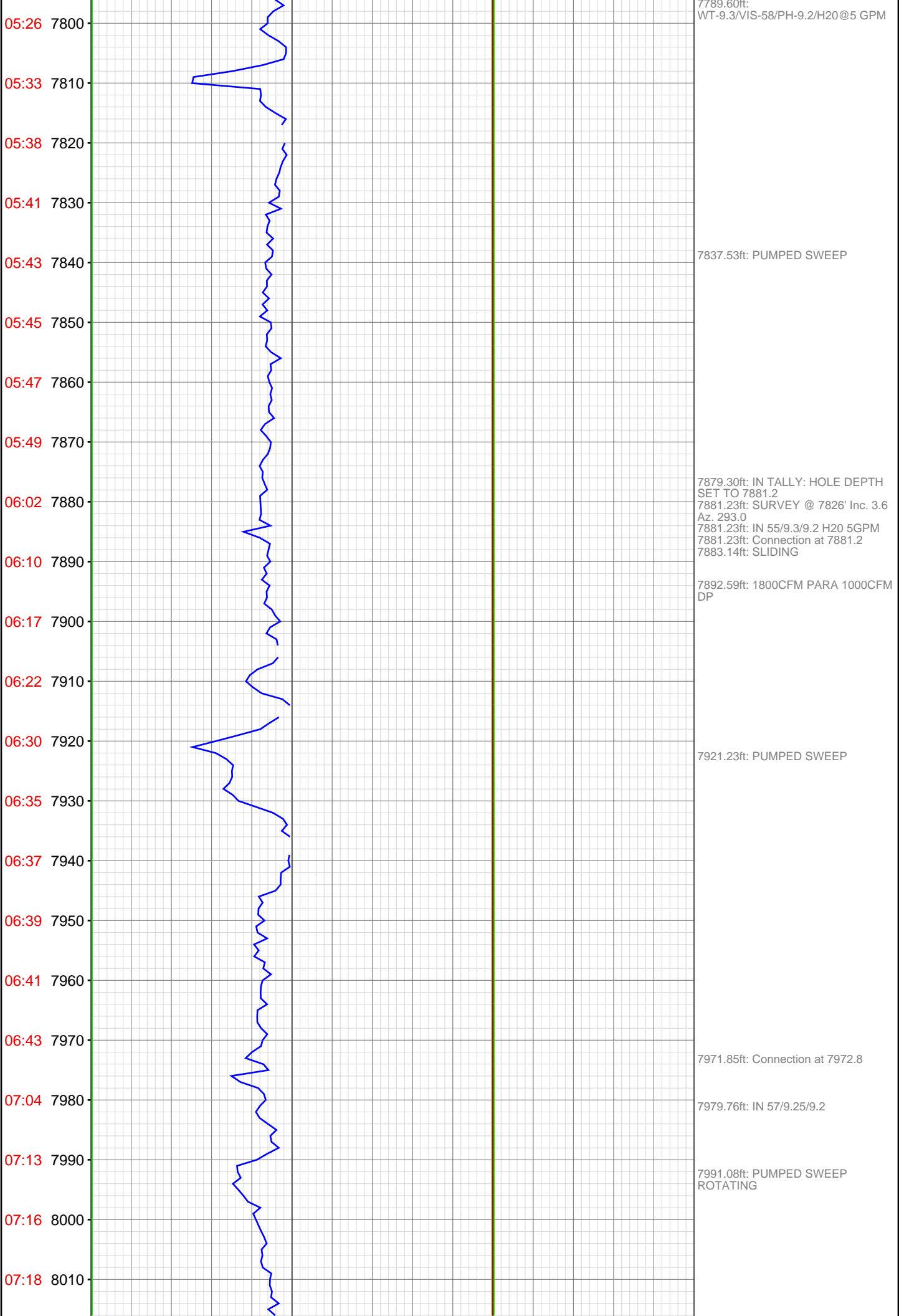


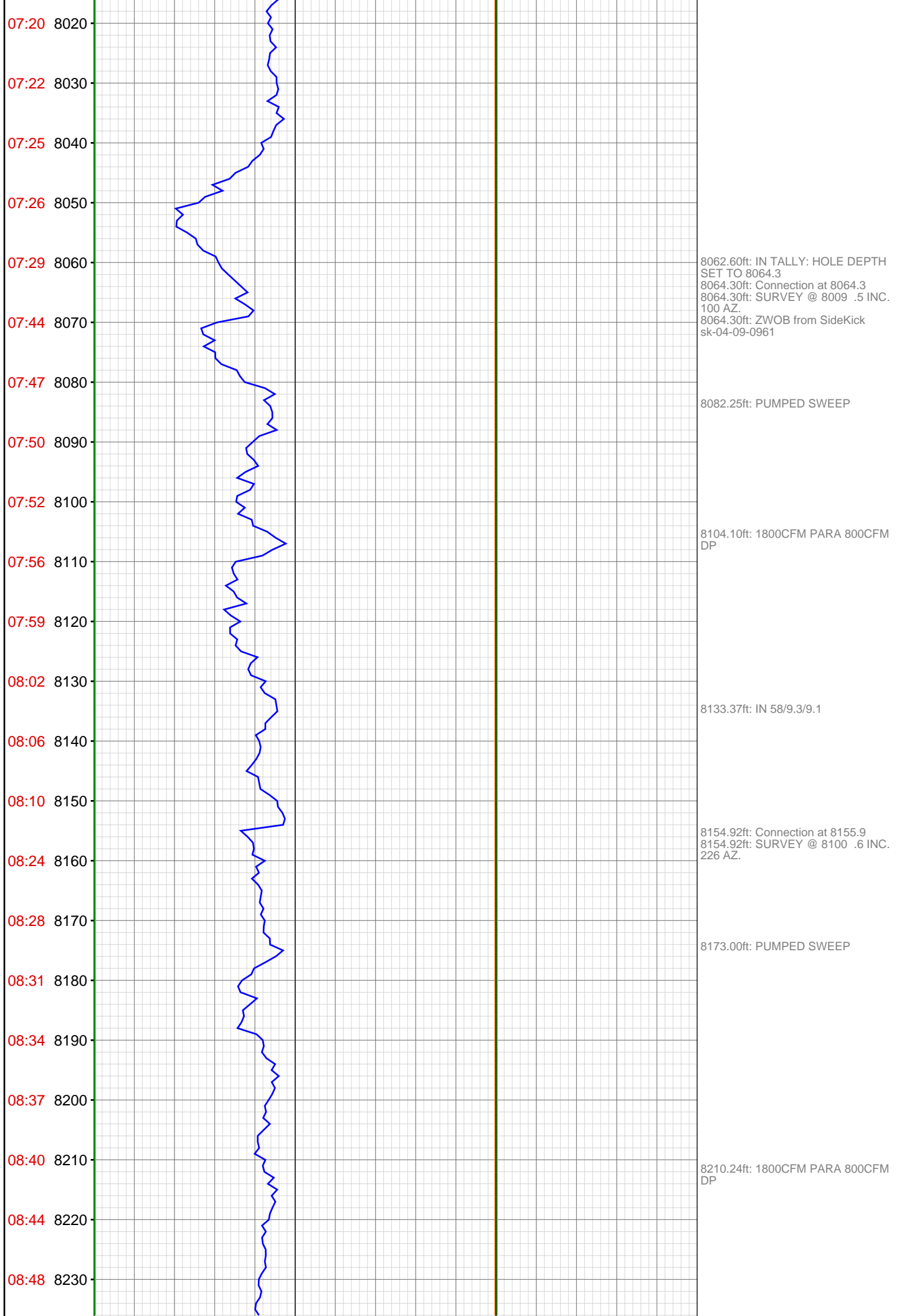


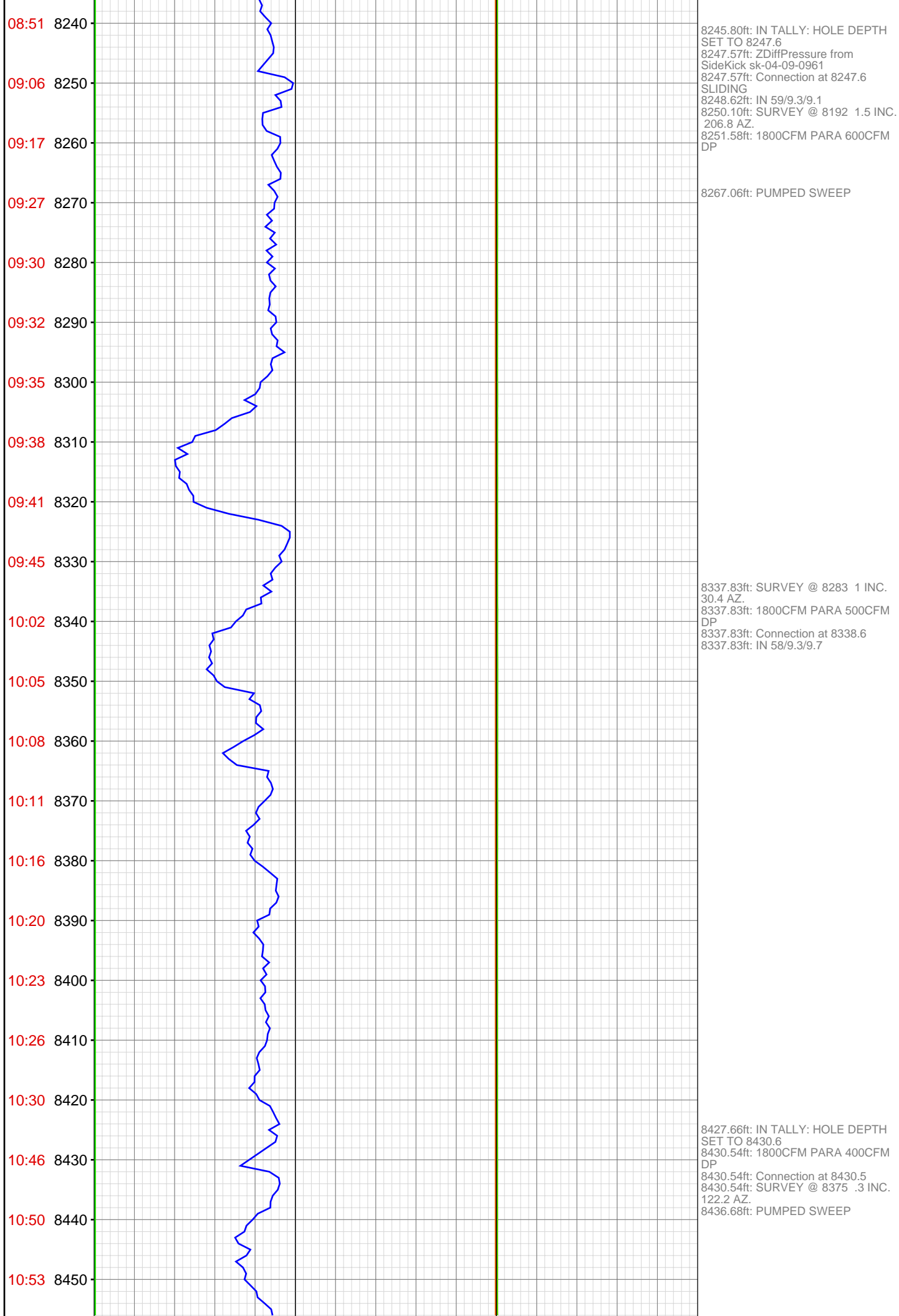


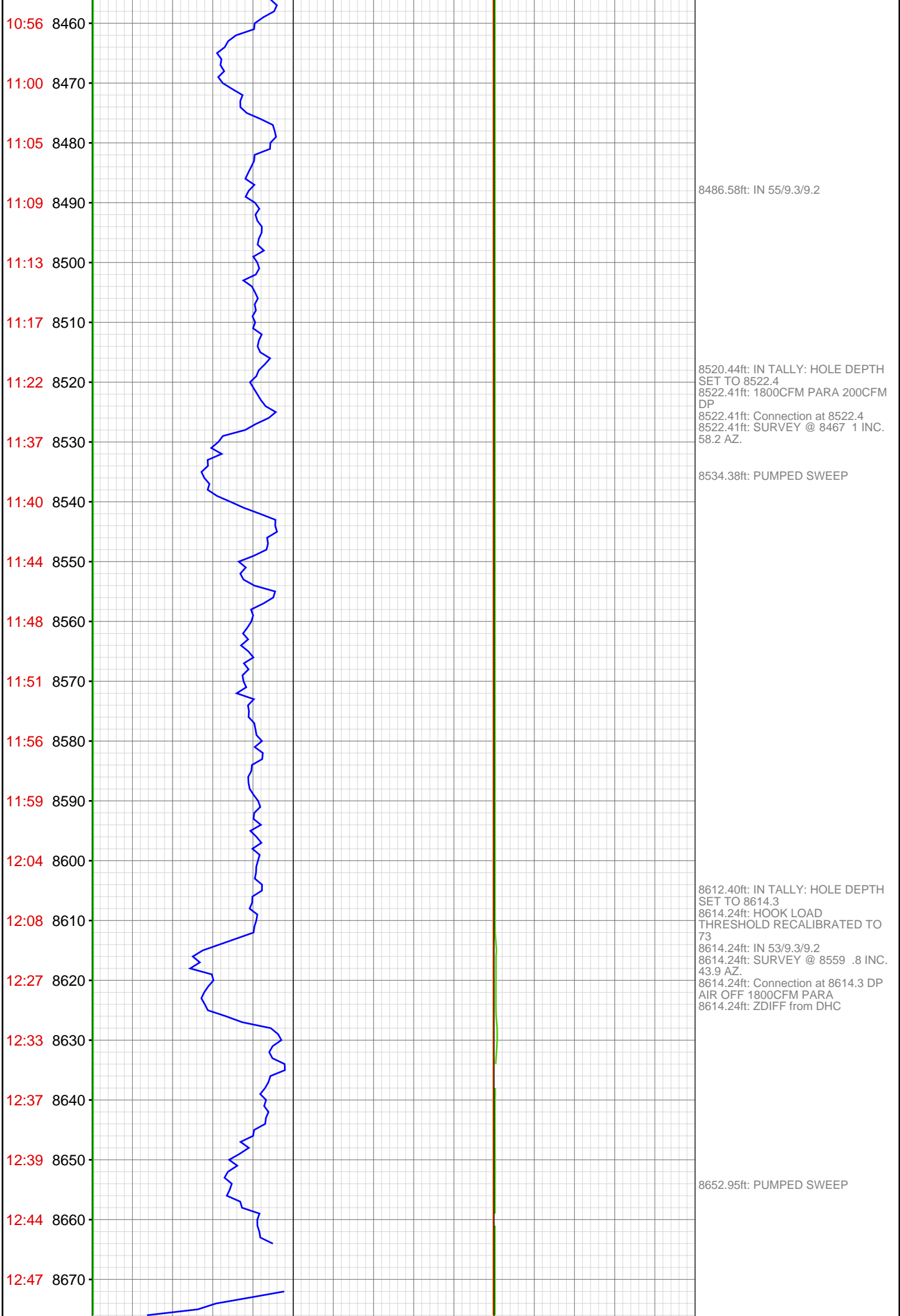


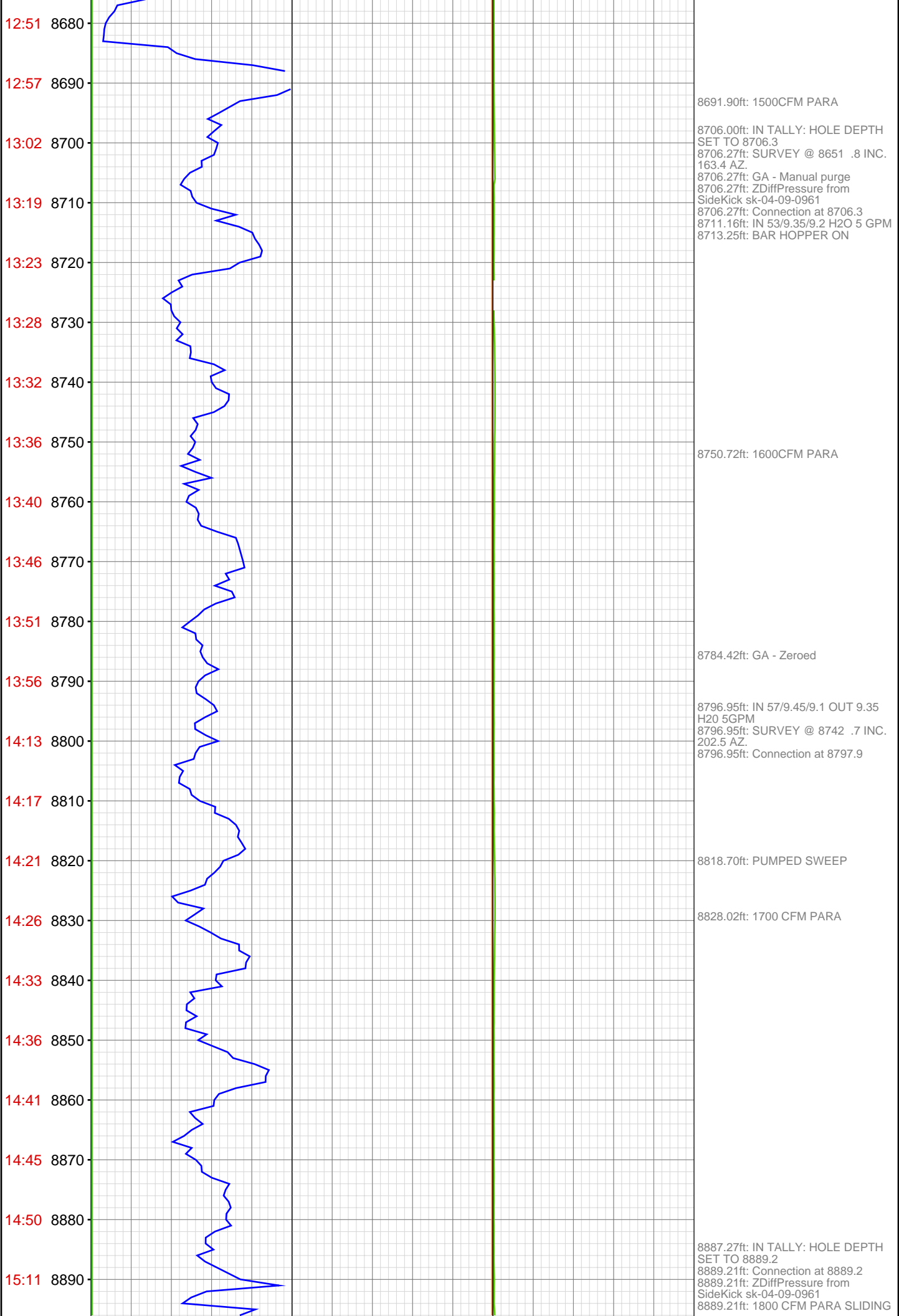


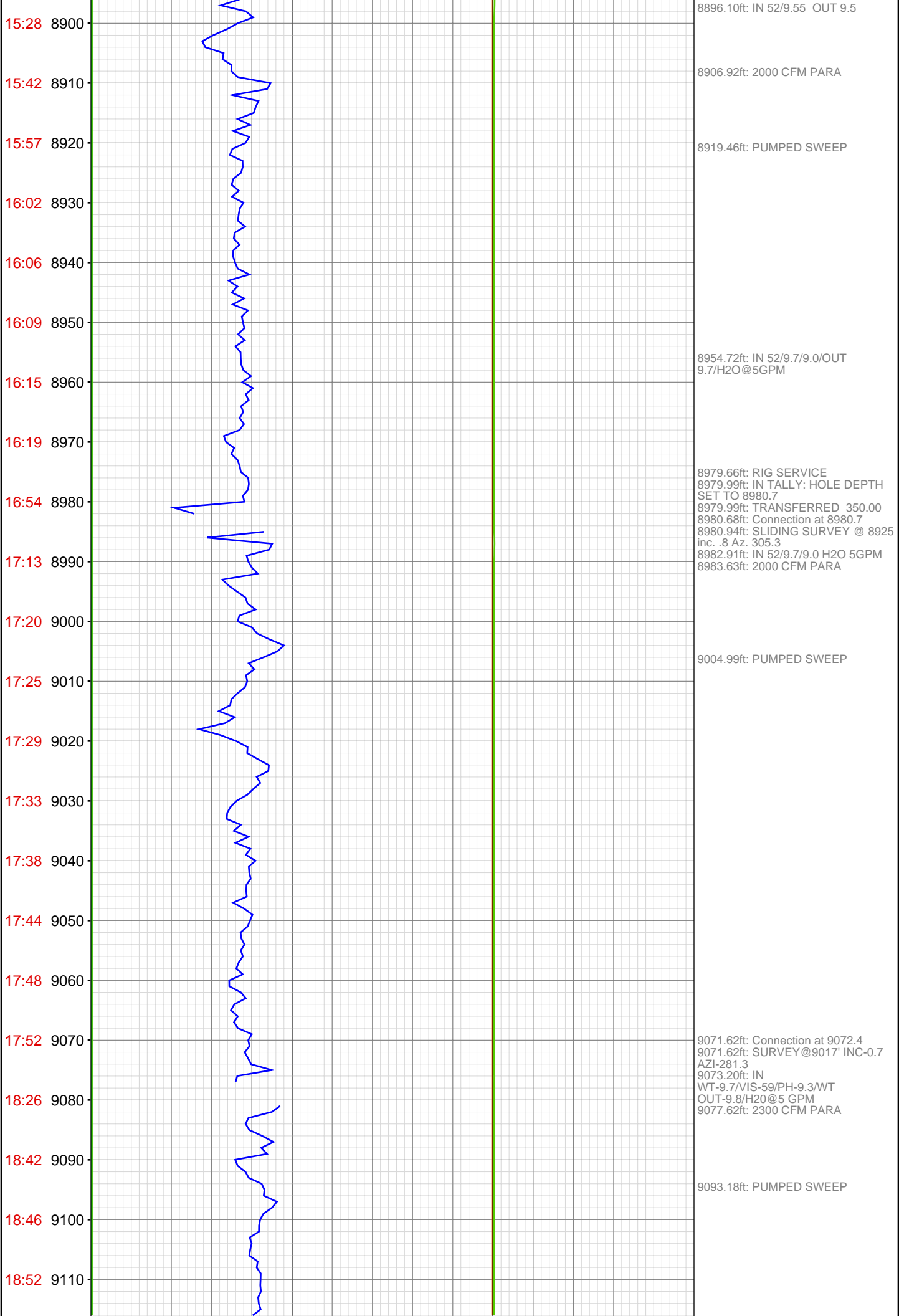


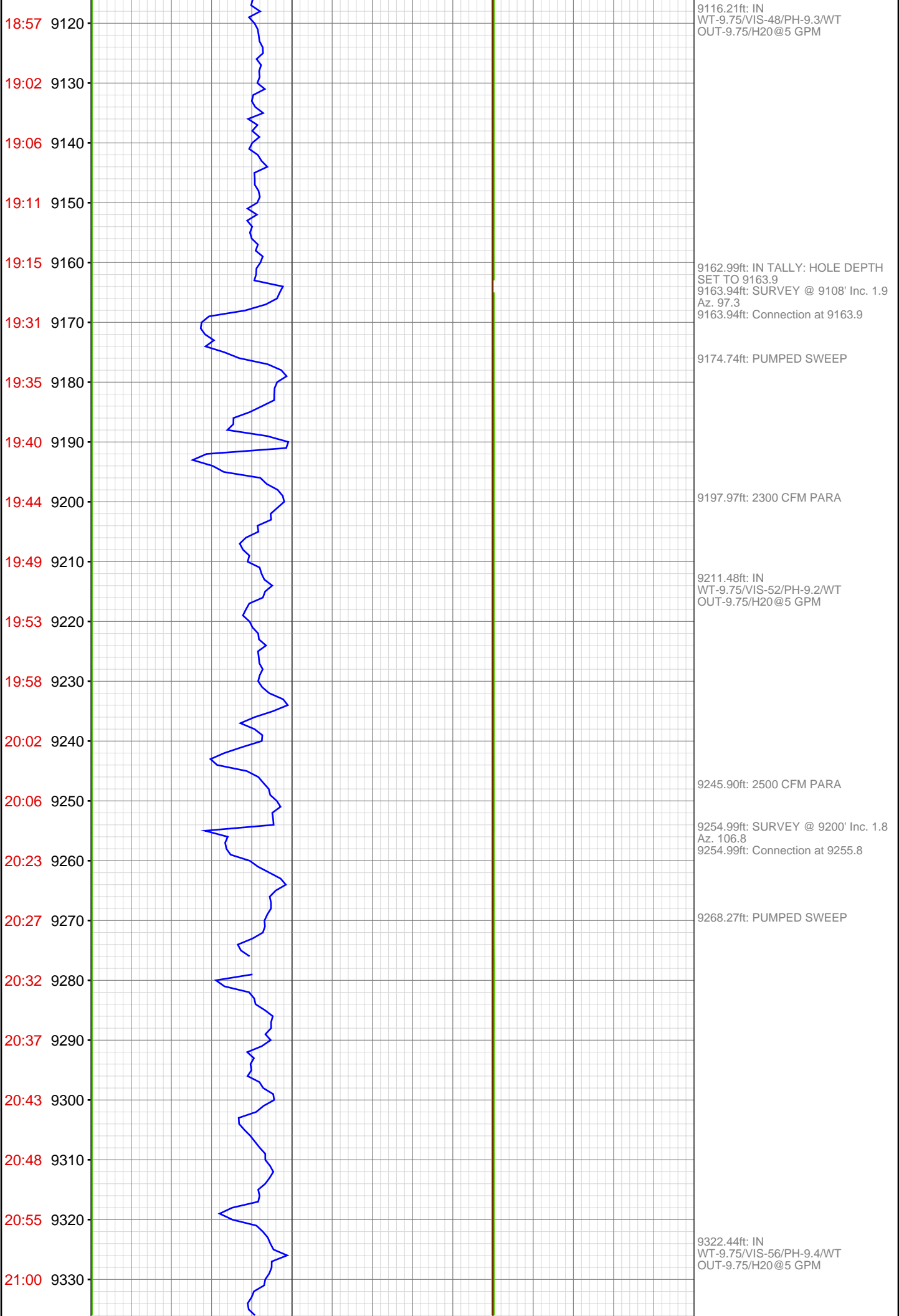


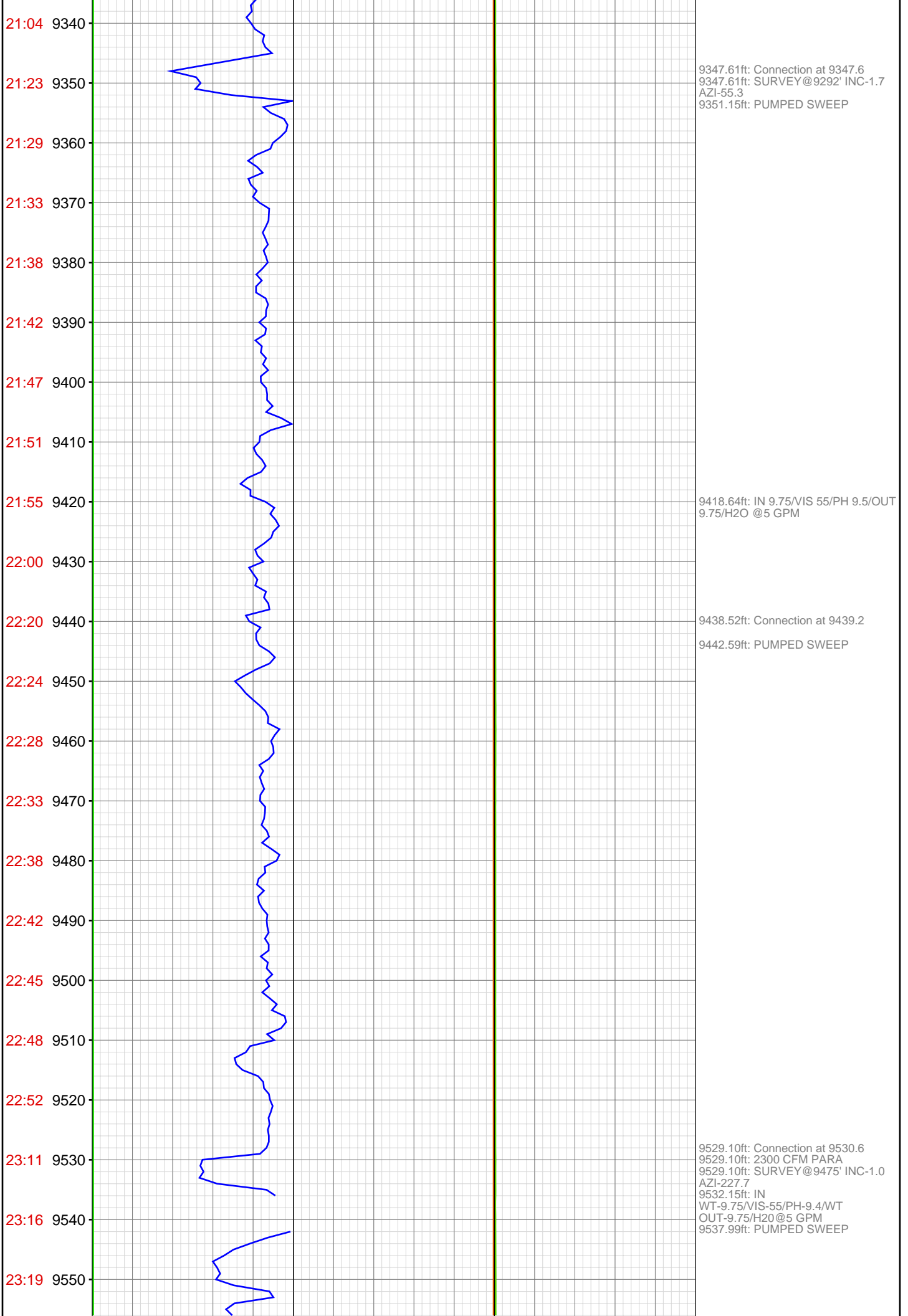












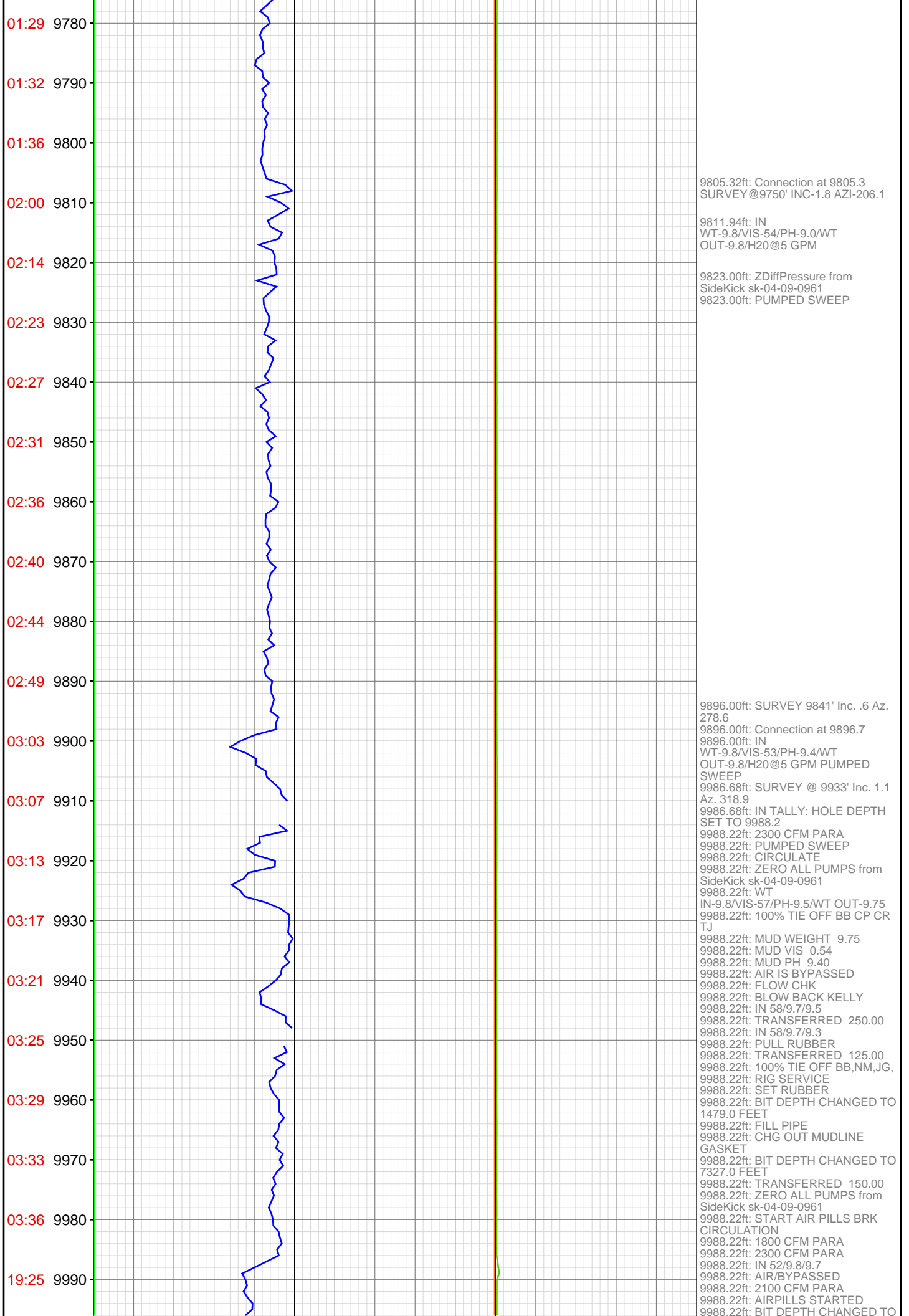
23:25 9560
23:31 9570
23:35 9580
23:39 9590
23:43 9600
23:48 9610
23:53 9620
Dec 03, 2012
00:14 9630
00:18 9640
00:22 9650
00:25 9660
00:30 9670
00:34 9680
00:39 9690
00:42 9700
00:46 9710
01:06 9720
01:10 9730
01:14 9740
01:18 9750
01:21 9760
01:24 9770

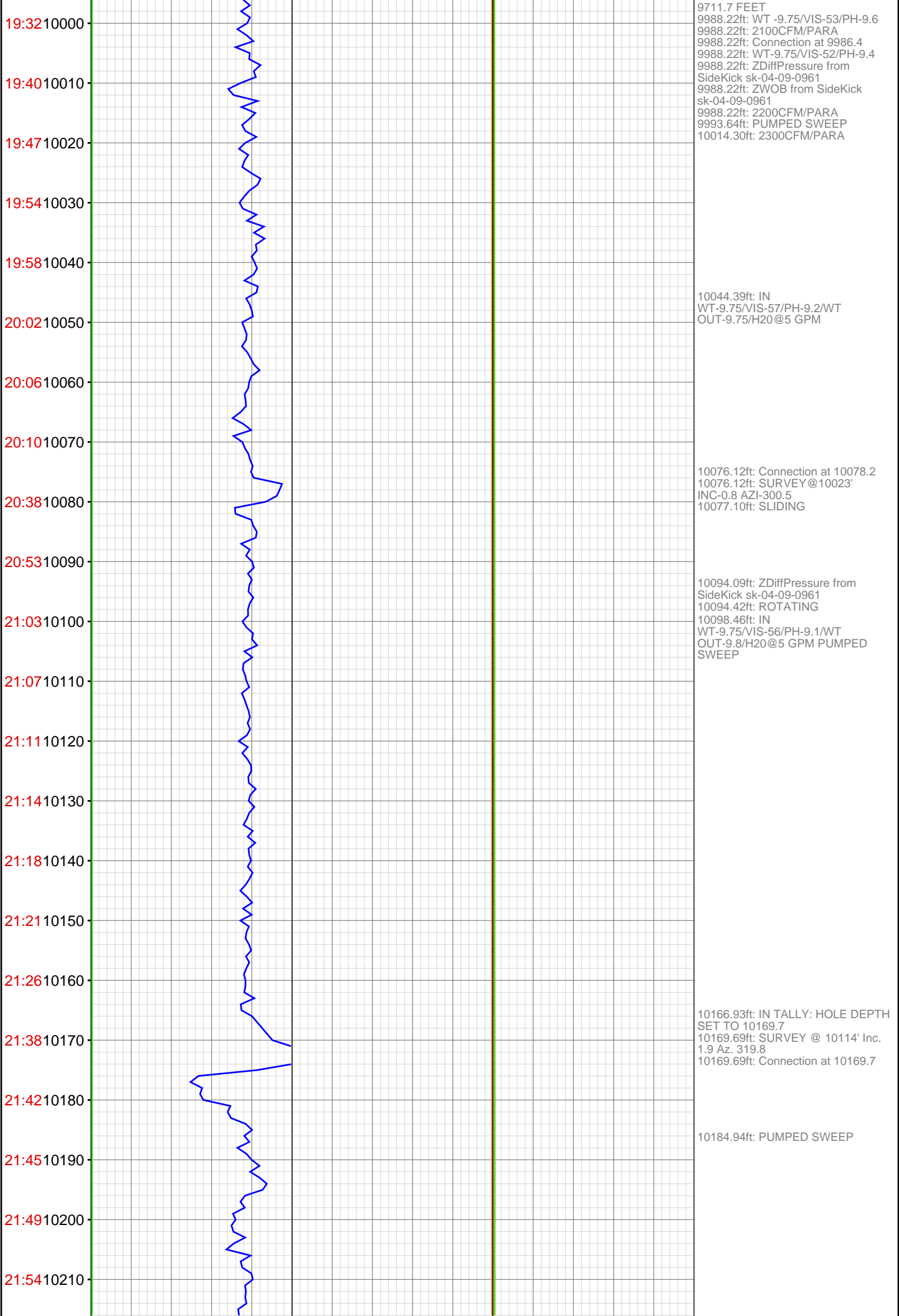


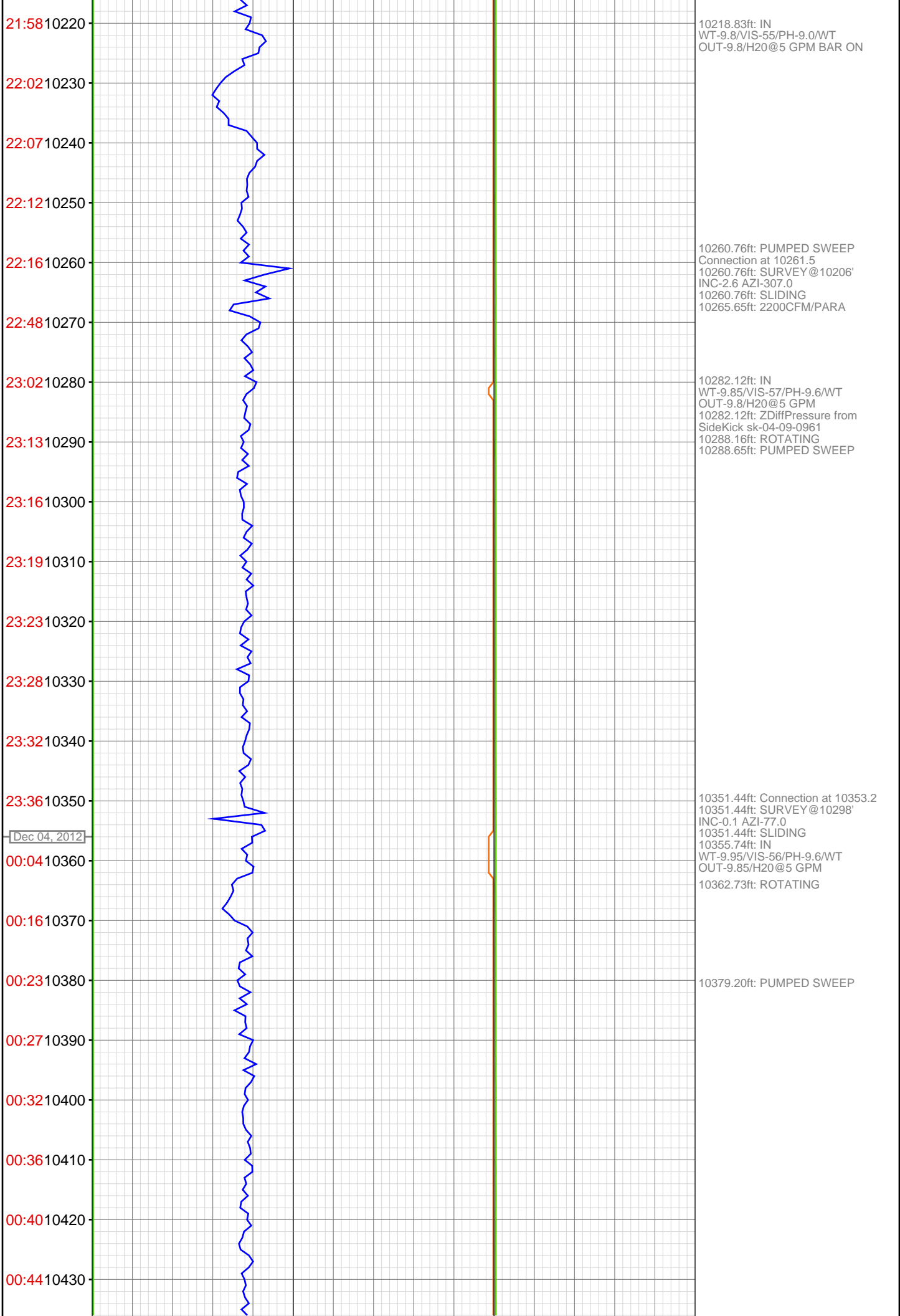
9622.41ft: IN
WT-9.75/VIS-56/PH-9.4/WT
OUT-9.8/H2O@5 GPM
9622.41ft: Connection at 9622.4
9622.41ft: GOING THROUGH #1
PUMP
9622.41ft: ZDiffPressure from
SideKick sk-04-09-0961
9622.41ft: SURVEY @ 9567' INC-0.4
AZI-285.6

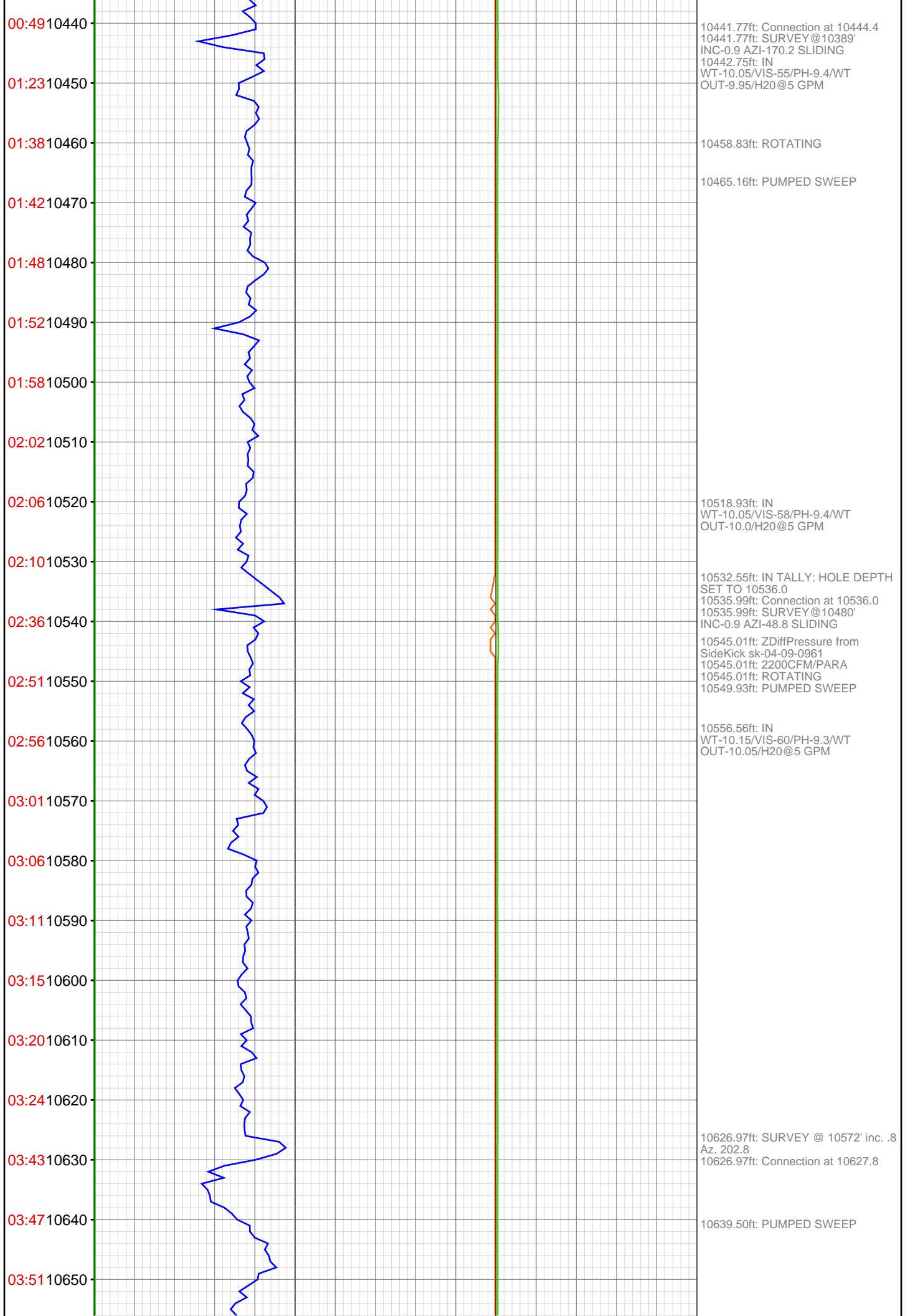
9637.89ft: PUMPED SWEEP

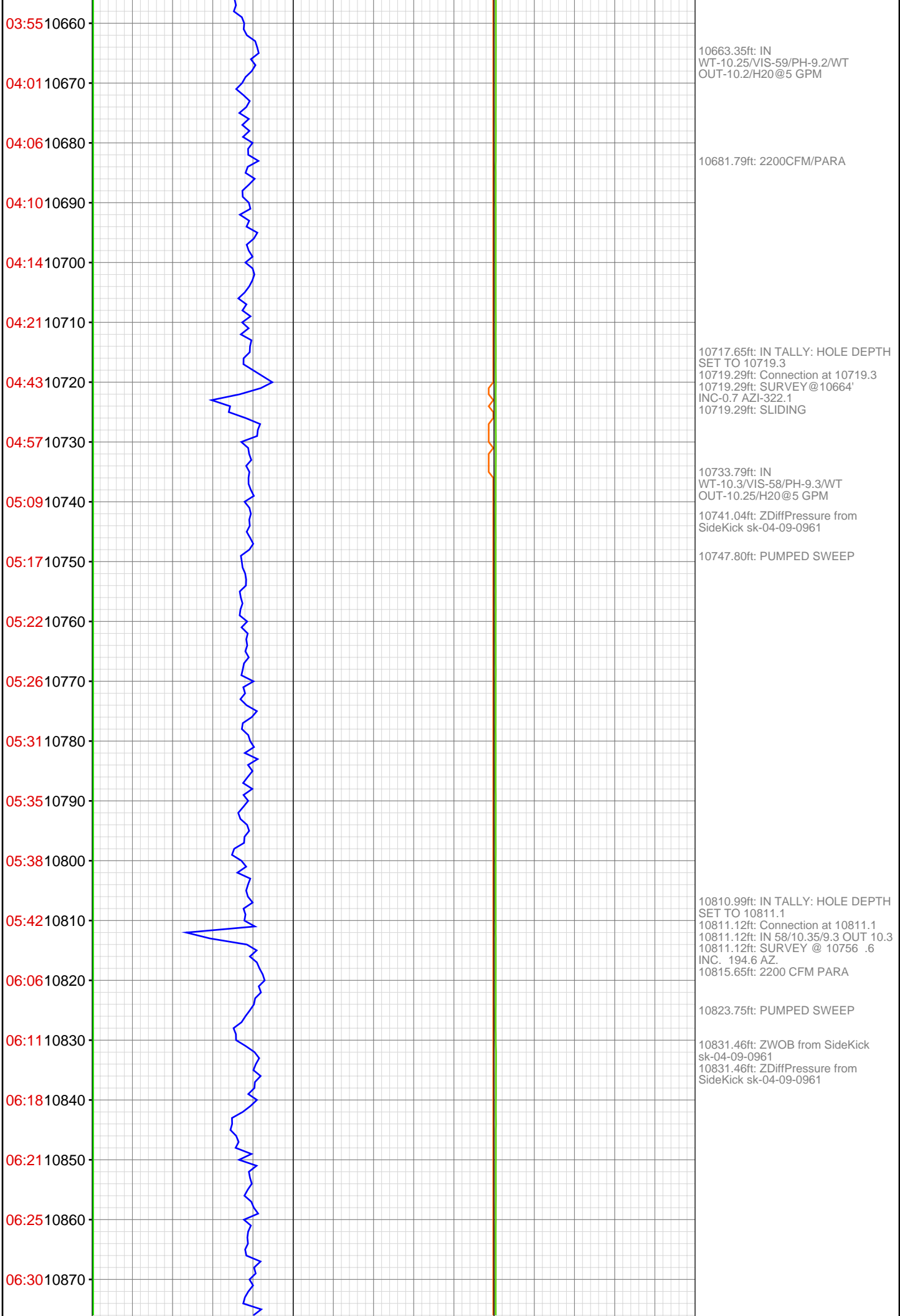
9712.60ft: SURVEY @ 9658' Inc. 1.9
Az. 212.6
9712.60ft: Connection at 9713.5
9712.60ft: 2300 CFM PARA
9712.60ft: ZDiffPressure from
SideKick sk-04-09-0961
9714.14ft: IN
WT-9.8/VIS-52/PH-9.3/9.8/H2O@5
GPM PUMPED SWEEP

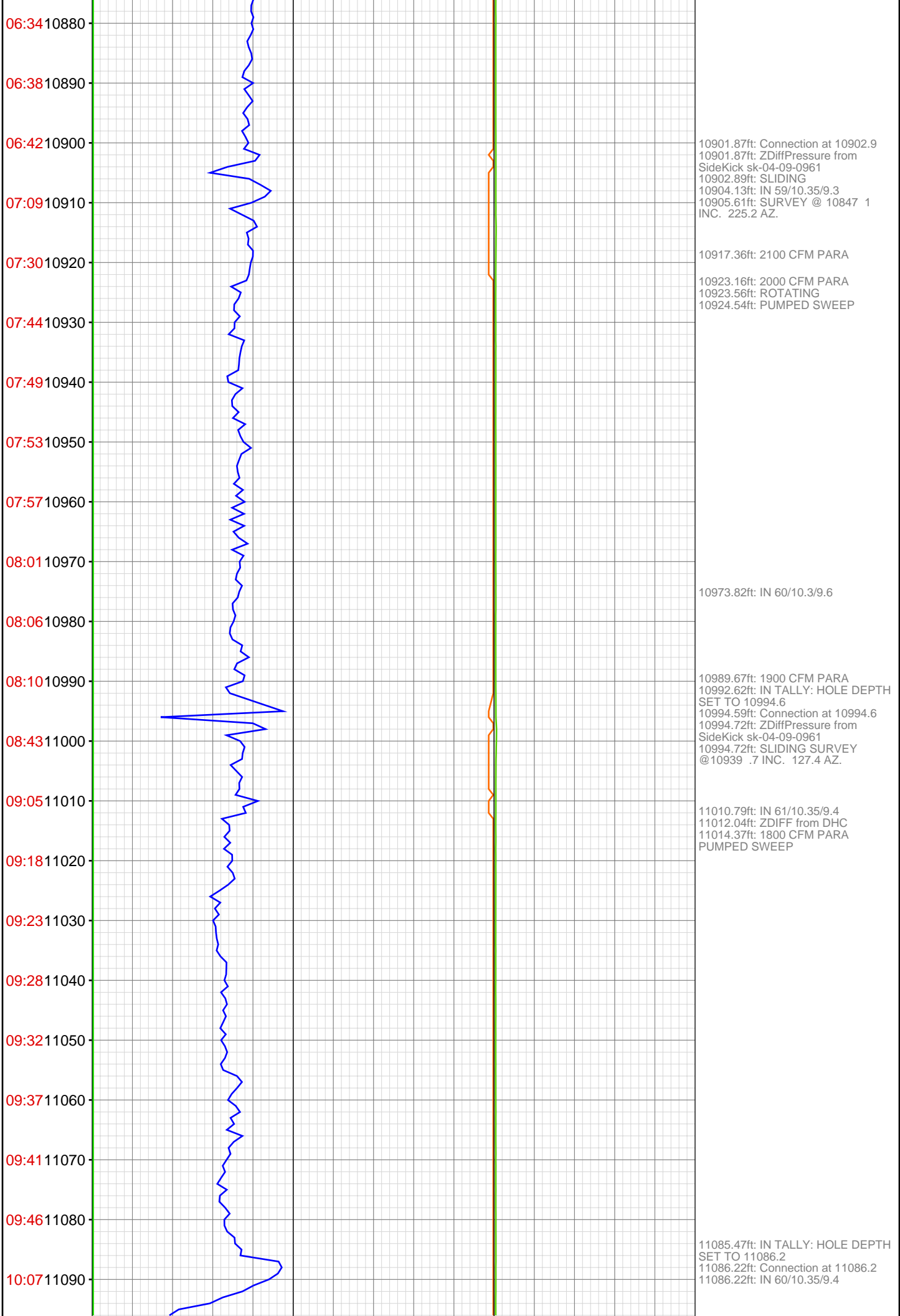


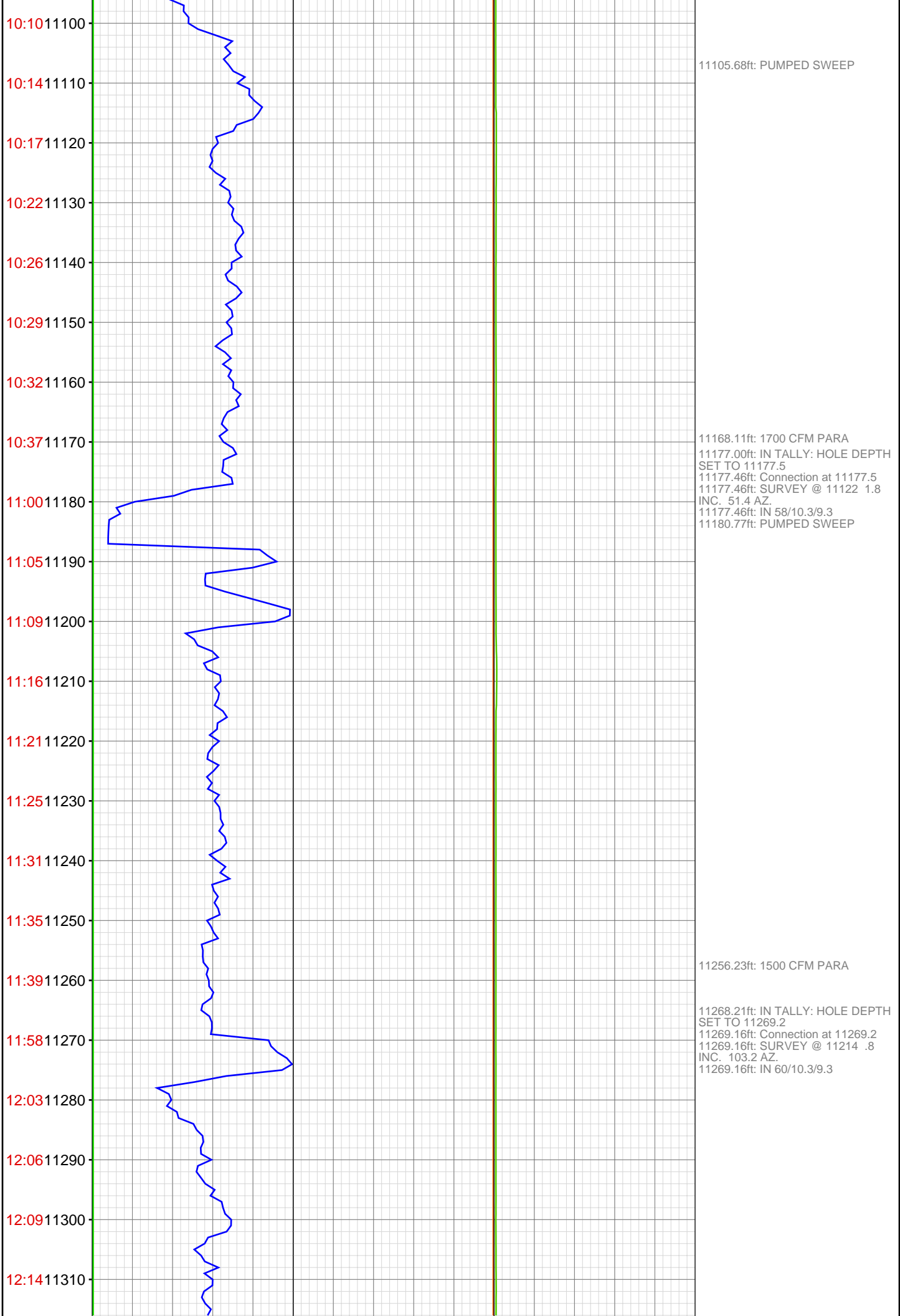


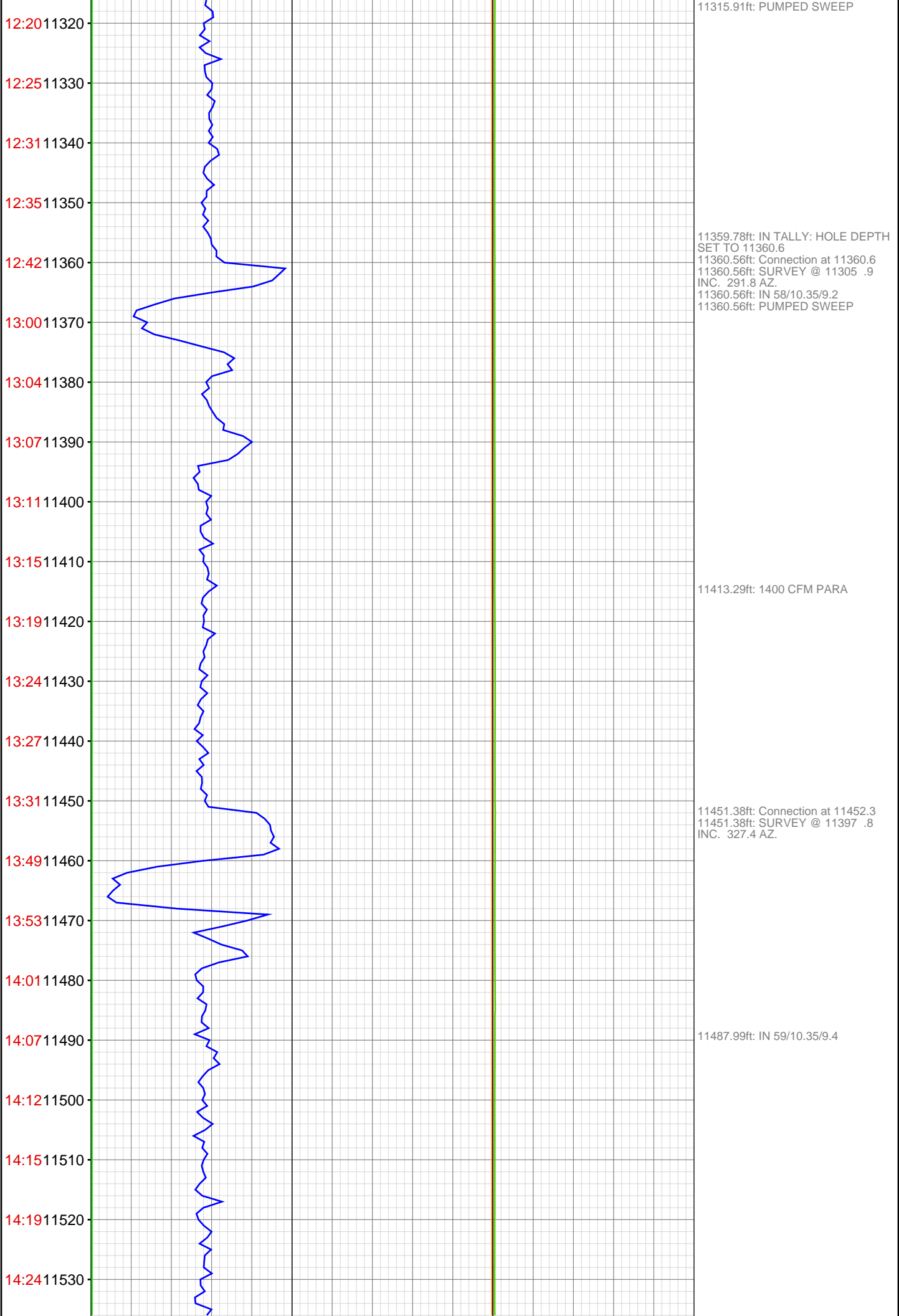


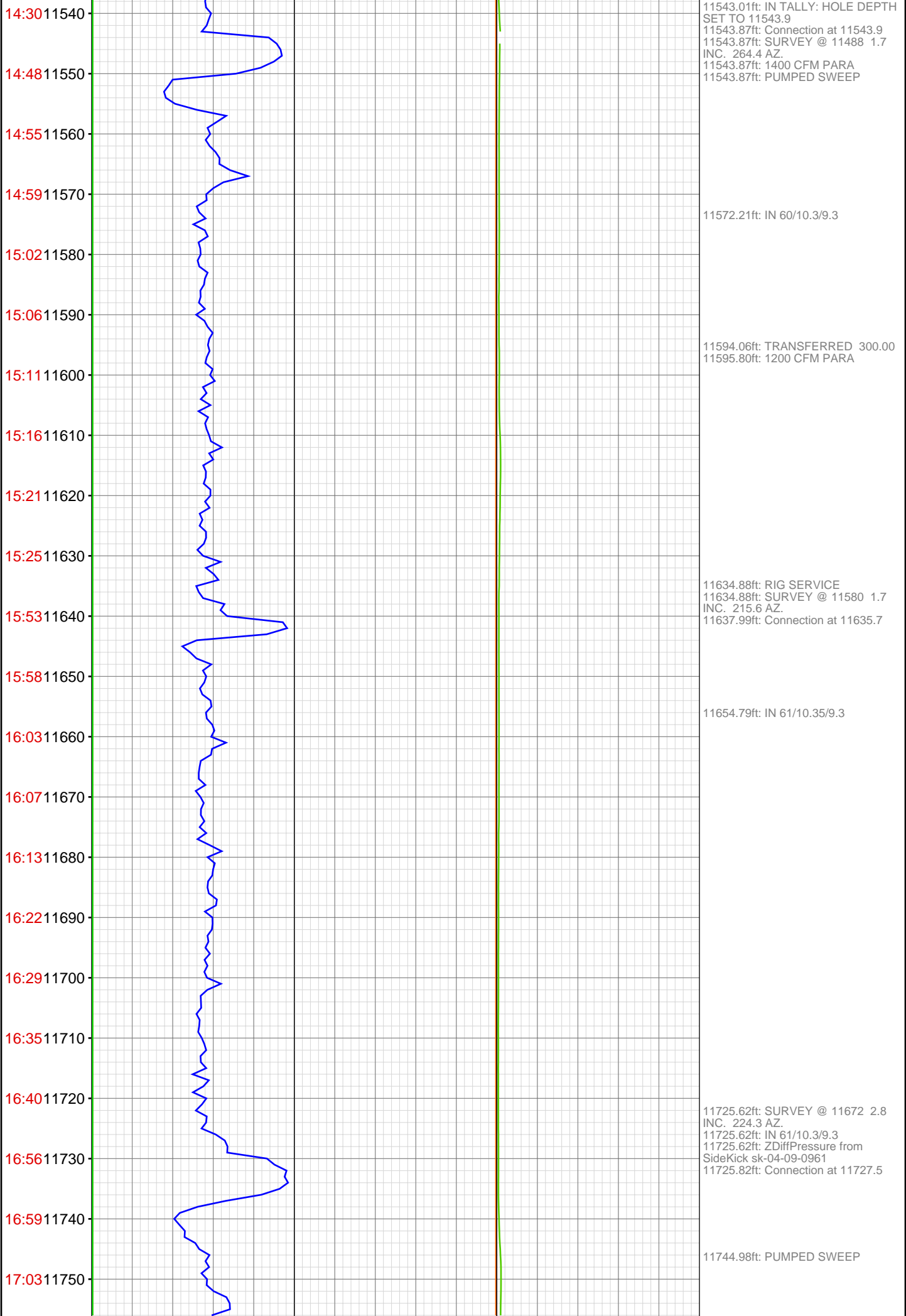


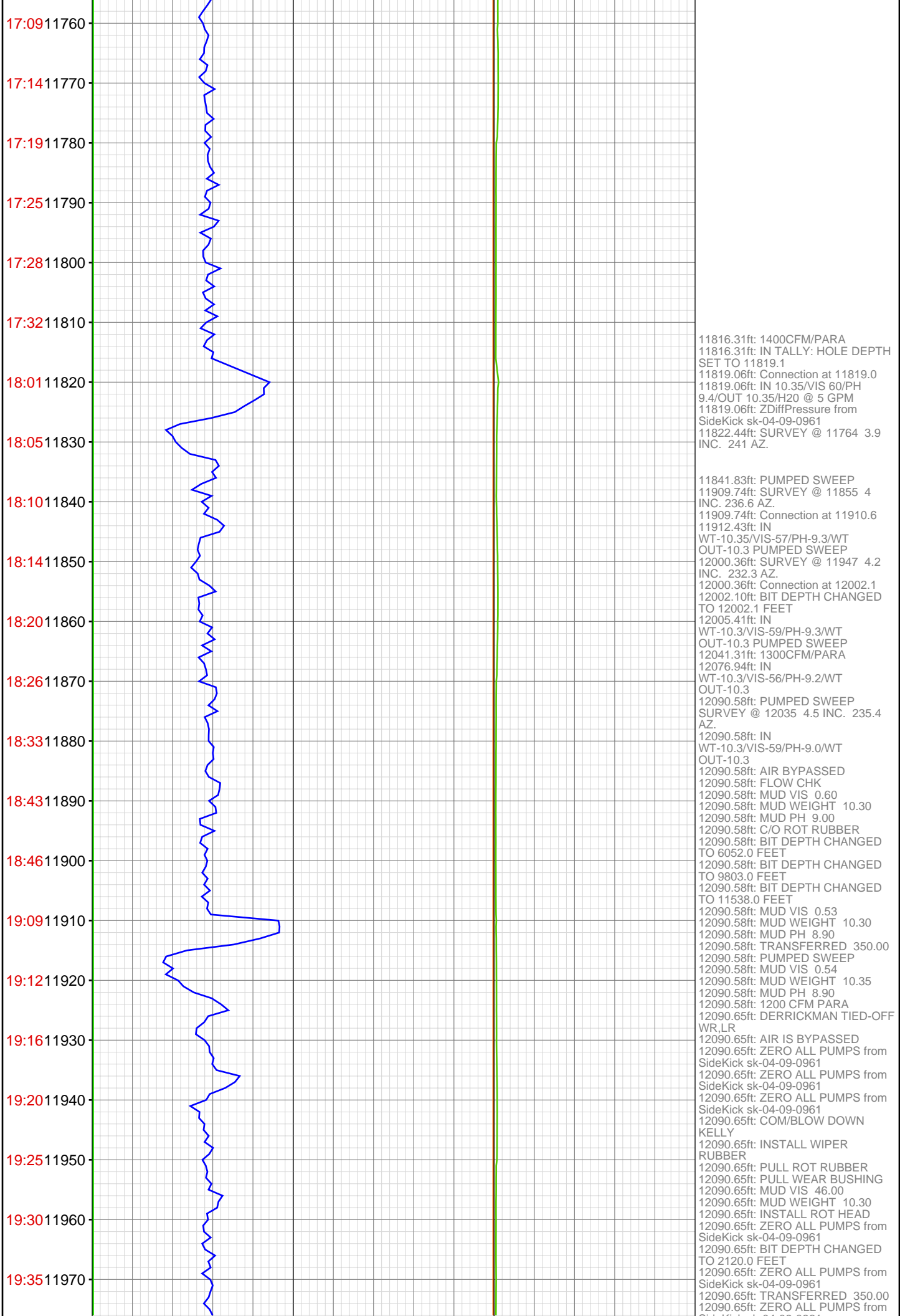












19:41 11980
19:45 11990
19:50 12000
20:17 12010
20:24 12020
20:31 12030
20:36 12040
20:42 12050
20:48 12060
20:54 12070
21:00 12080
12090
12100



SideKick sk-04-09-0961
12090.65ft: START AIR PILLS
12090.65ft: ZWOB from DHC
12090.65ft: 1300CFM/PARA
12090.65ft: ZERO ALL PUMPS from
SideKick sk-04-09-0961
12090.65ft: BLOWDOWN KELLY
12090.65ft: CHECK C.O.M
DERRICKMAN 100% TIED OFF JM
,MM,SS
12090.65ft: MUD VIS 55.00
12090.65ft: MUD WEIGHT 10.30
12090.65ft: MUD PH 9.00
12090.65ft: MUD VIS 55.00
12090.65ft: MUD WEIGHT 10.30
12090.65ft: MUD PH 9.00
12090.65ft: MUD VIS 54.00
12090.65ft: MUD WEIGHT 10.30
12090.65ft: MUD PH 9.00
12090.65ft: MUD PH 9.00
12090.65ft: BIT DEPTH CHANGED
TO 11815.0 FEET
12090.65ft: 1200CFM/PARA
12090.65ft: MUD VIS 55.00
12090.65ft: MUD WEIGHT 10.30
12090.65ft: MUD PH 9.00
12090.65ft: MUD VIS 54.00
12090.65ft: MUD WEIGHT 10.30
12090.65ft: 1300CFM/PARA
12090.65ft: AIR OFF PARA
12090.65ft: DERRICKMAN 100%
TIED OFF JM, MM, SS
12090.65ft: MUD VIS 56.00
12090.65ft: MUD WEIGHT 10.30
12090.65ft: TRANSFERRED 400.00
12090.65ft: MUD VIS 55.00
12090.65ft: MUD WEIGHT 10.30
12090.65ft: MUD VIS 59.00
12090.65ft: MUD WEIGHT 10.30
12090.65ft: MUD VIS 64.00
12090.65ft: MUD WEIGHT 10.30
12090.65ft: MUD VIS 57.00
12090.65ft: MUD WEIGHT 10.30
12090.65ft: BIT DEPTH CHANGED
TO 12074.8 FEET
12090.65ft: TRANSFERRED 100.00
12090.65ft: DERRICKMAN 100%
TIED OFF JM,MM,SS
12090.65ft: MUD VIS 54.00
12090.65ft: MUD WEIGHT 10.30
12090.65ft: HOOKLOAD WAS
RECALIBRATED
12090.65ft: HOOKLOAD WAS
RECALIBRATED
12090.65ft: HOOKLOAD WAS
RECALIBRATED
12090.65ft: BIT DEPTH CHANGED
TO 11358.6 FEET
12090.65ft: HOOKLOAD WAS
RECALIBRATED
12090.65ft: BIT DEPTH CHANGED
TO 11268.5 FEET
12090.65ft: MUD VIS 53.00
12090.65ft: MUD WEIGHT 10.30
12090.65ft: ZERO ALL PUMPS from
SideKick sk-04-09-0961
12090.65ft: MUD VIS 51.00
12090.65ft: MUD WEIGHT 10.35
12090.65ft: PULL ROT HEAD