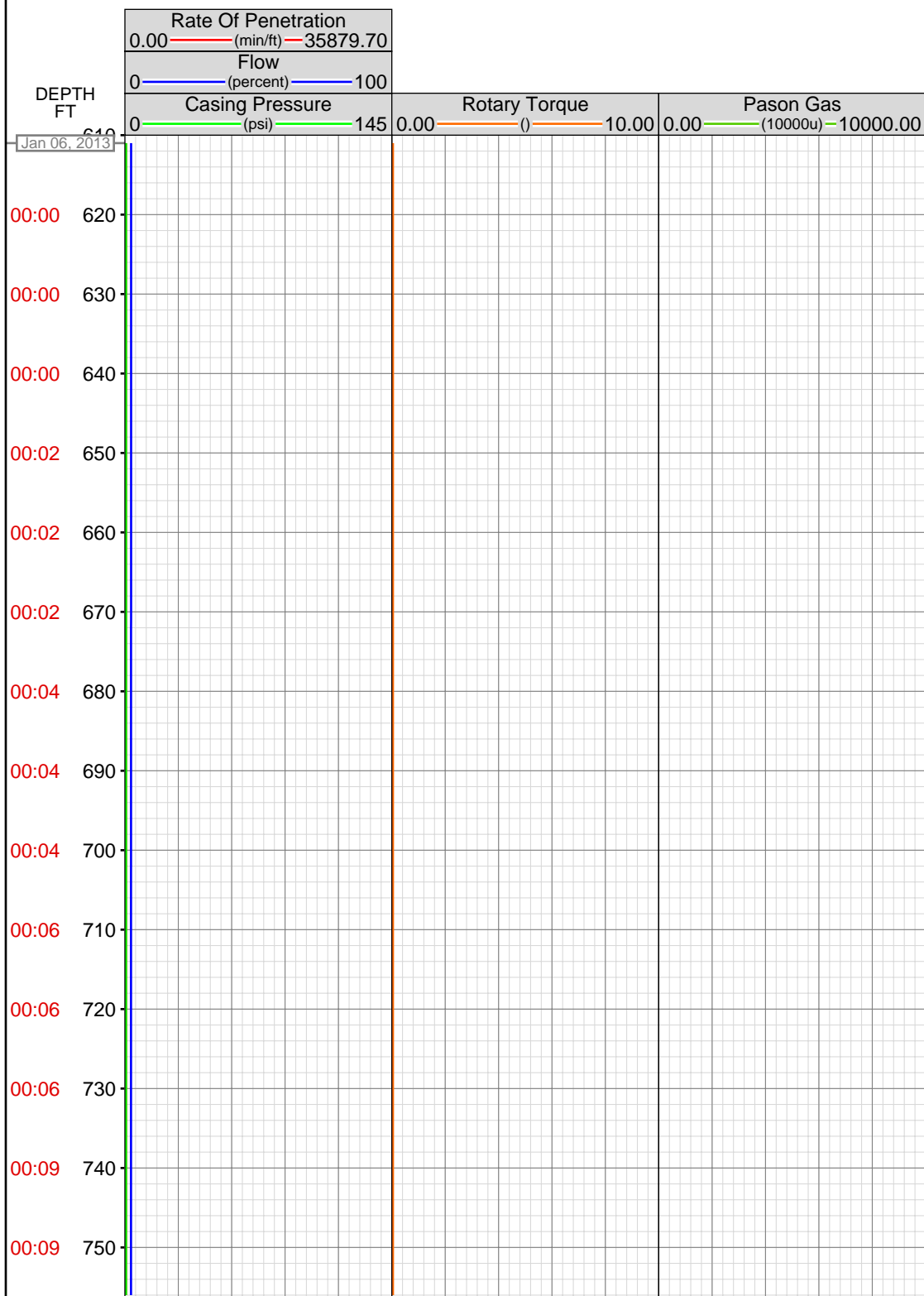


DataHub EDR Log

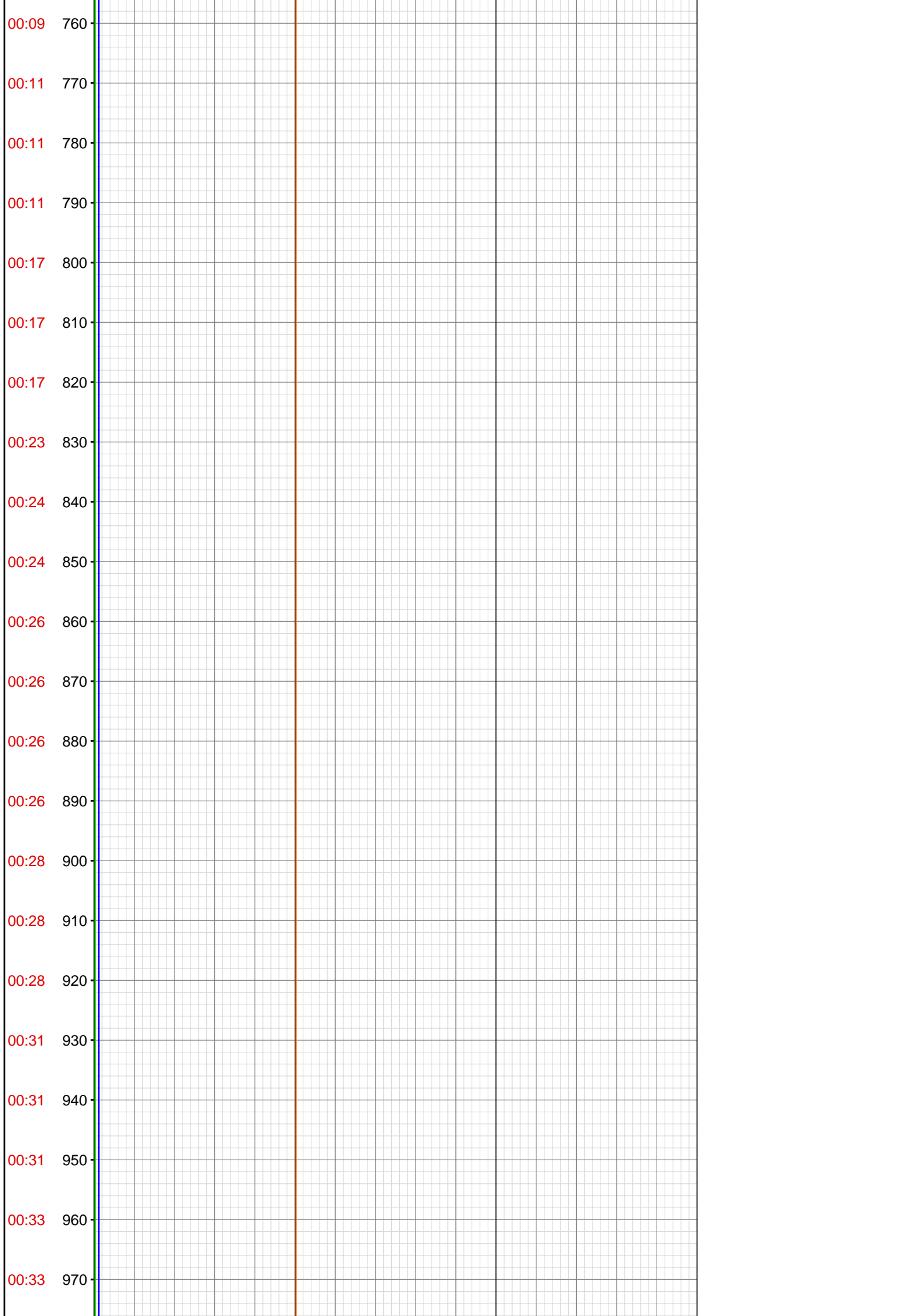
Mon Jan 21, 2013 08:43:16
Well Dossier 1357367980
Marilyn Tucker

OPERATOR: EnCana Oil & Gas (USA), Inc.
WELL: SG 8510E-23 L24 496
FIELD:
LOCATION: SEC 24 TWP 4S RNG 96W
COUNTRY: USA
RIG: Pat-UTI 330

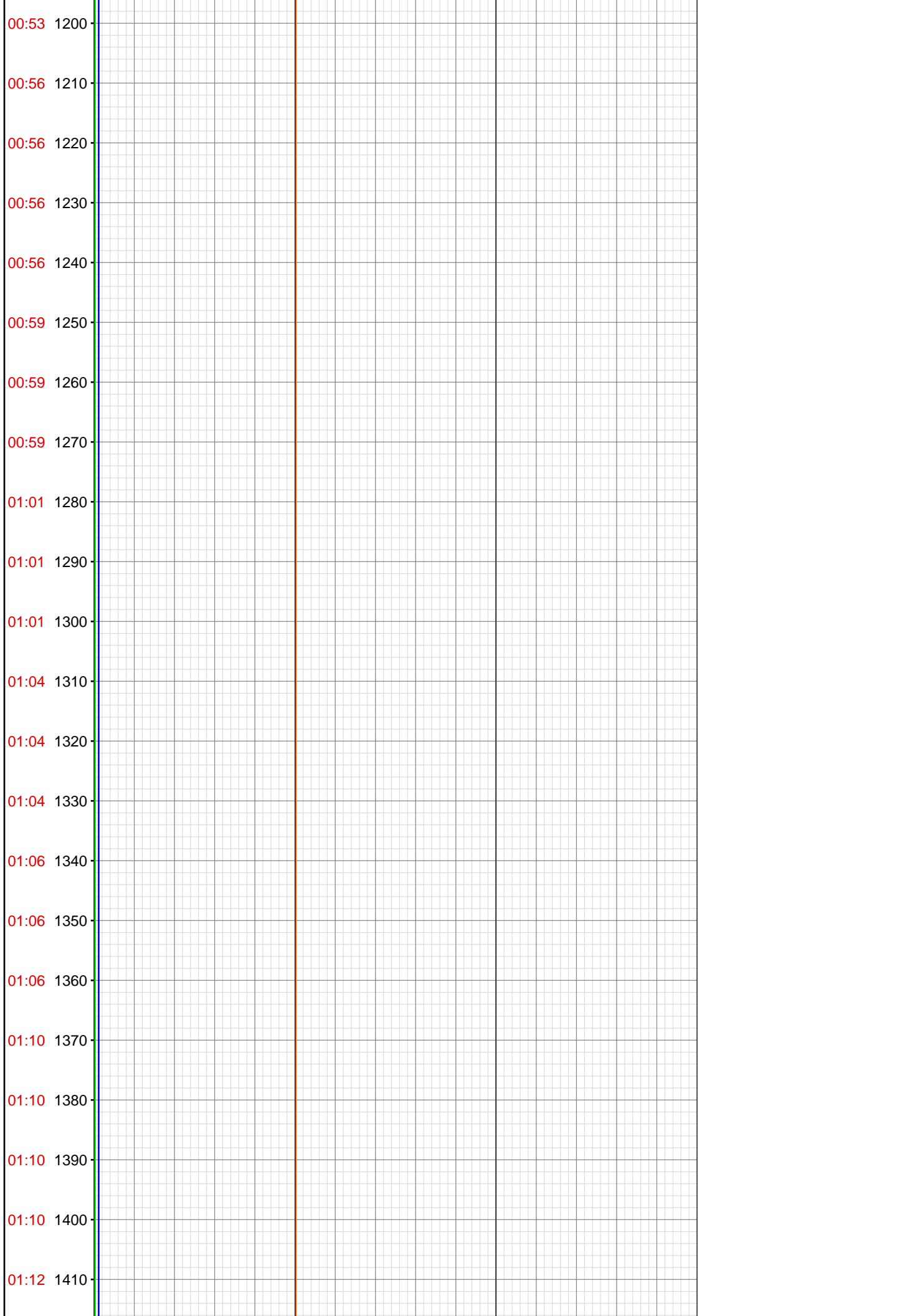
CONTRACTOR: Patterson-UTI Drilling Company
UNIQUE WELL ID: 05-045-21173-00
SPUD DATE: Jan 06, 2013 06:00
RELEASE DATE: Jan 19, 2013 00:00

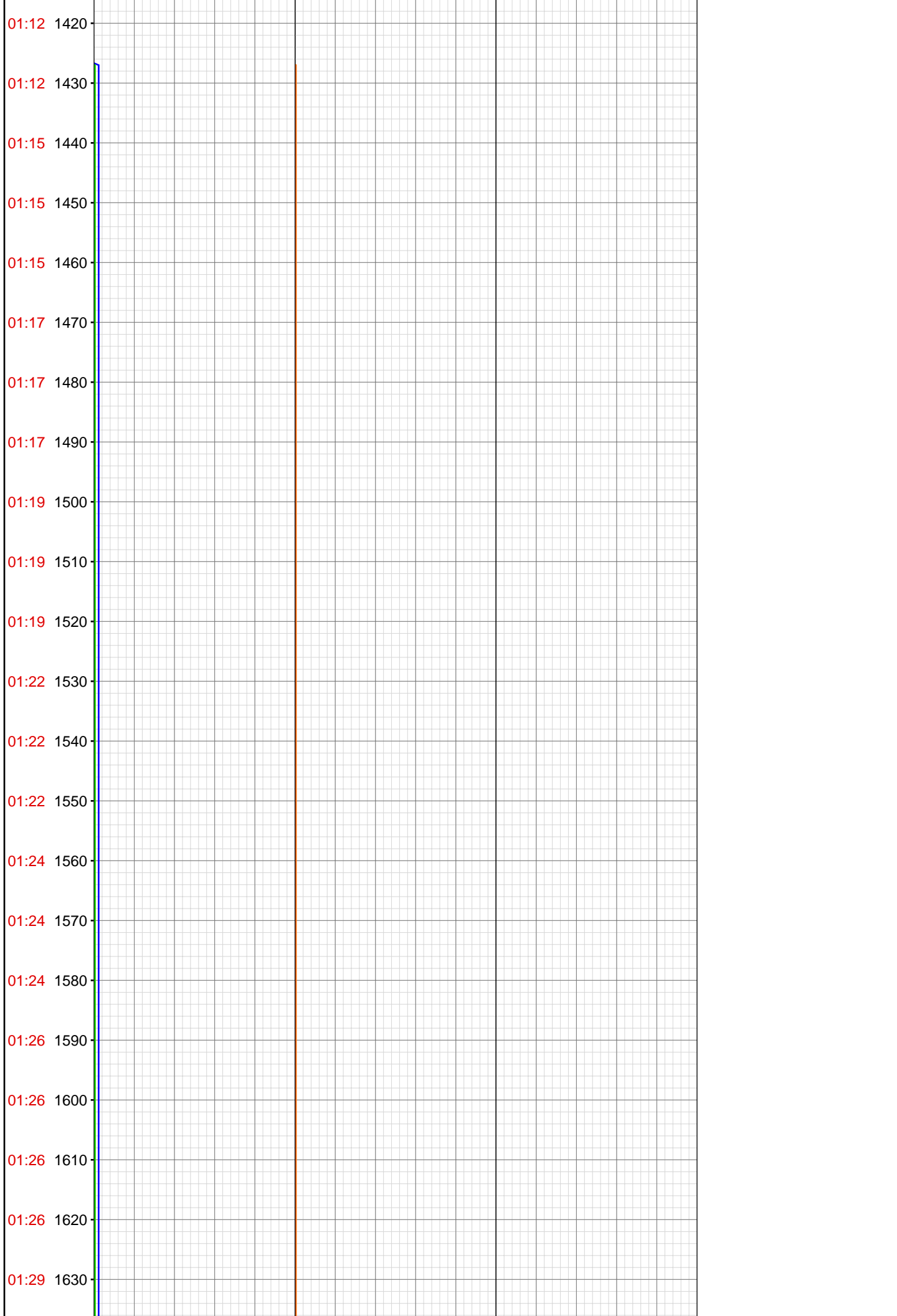


MEMOS

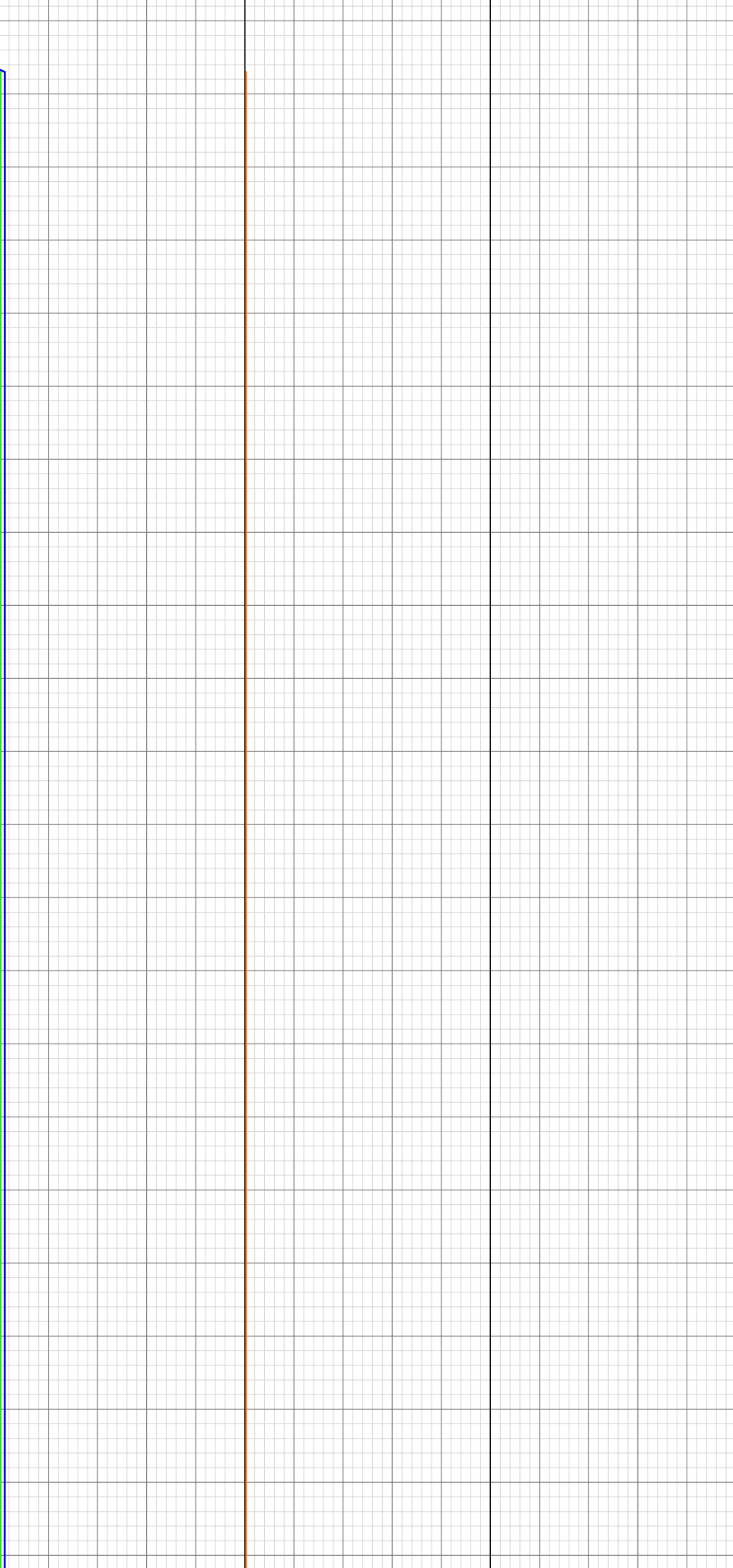


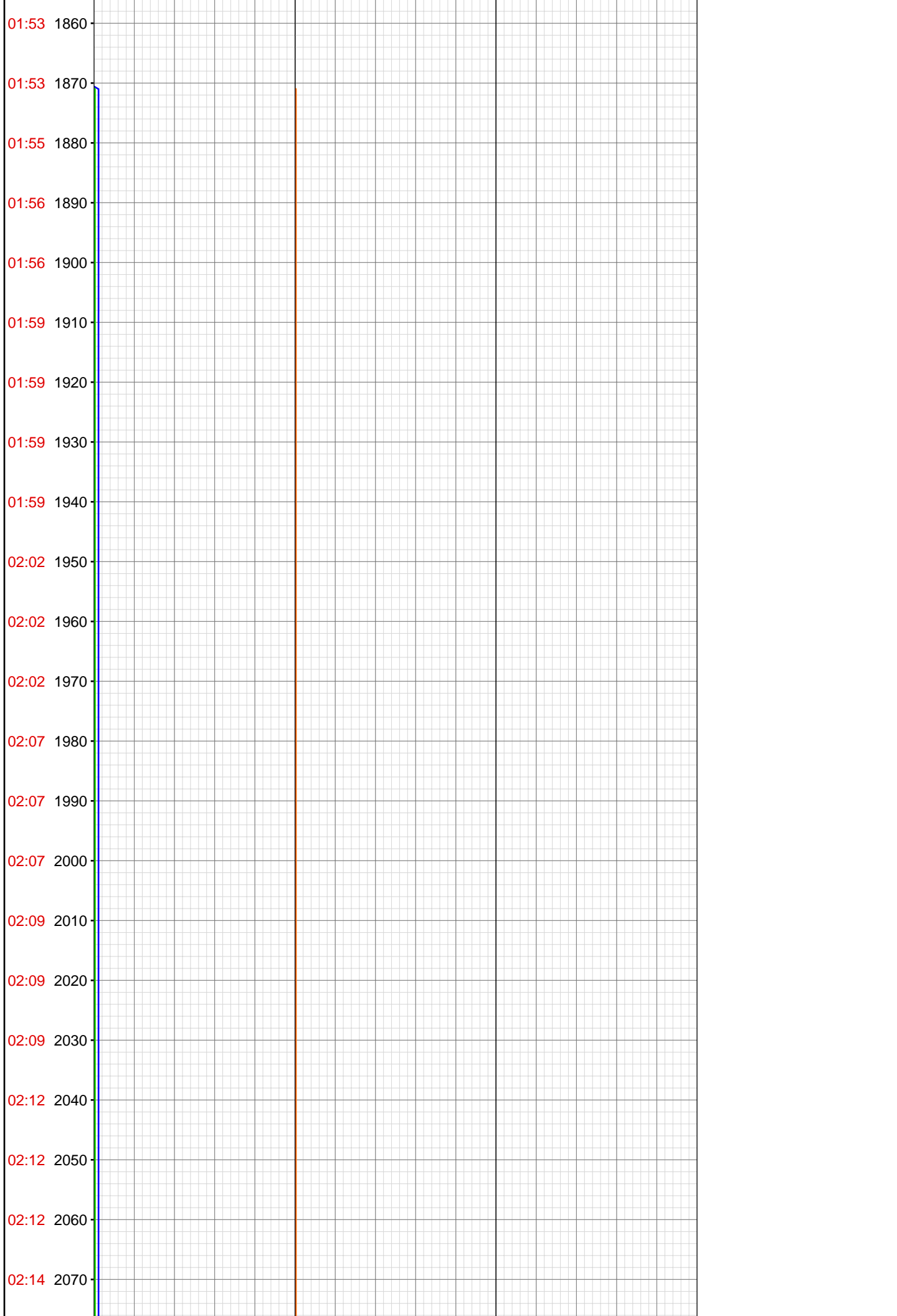
00:33	980
00:36	990
00:36	1000
00:36	1010
00:38	1020
00:38	1030
00:38	1040
00:38	1050
00:41	1060
00:41	1070
00:41	1080
00:43	1090
00:43	1100
00:43	1110
00:45	1120
00:45	1130
00:45	1140
00:49	1150
00:49	1160
00:49	1170
00:53	1180
00:53	1190

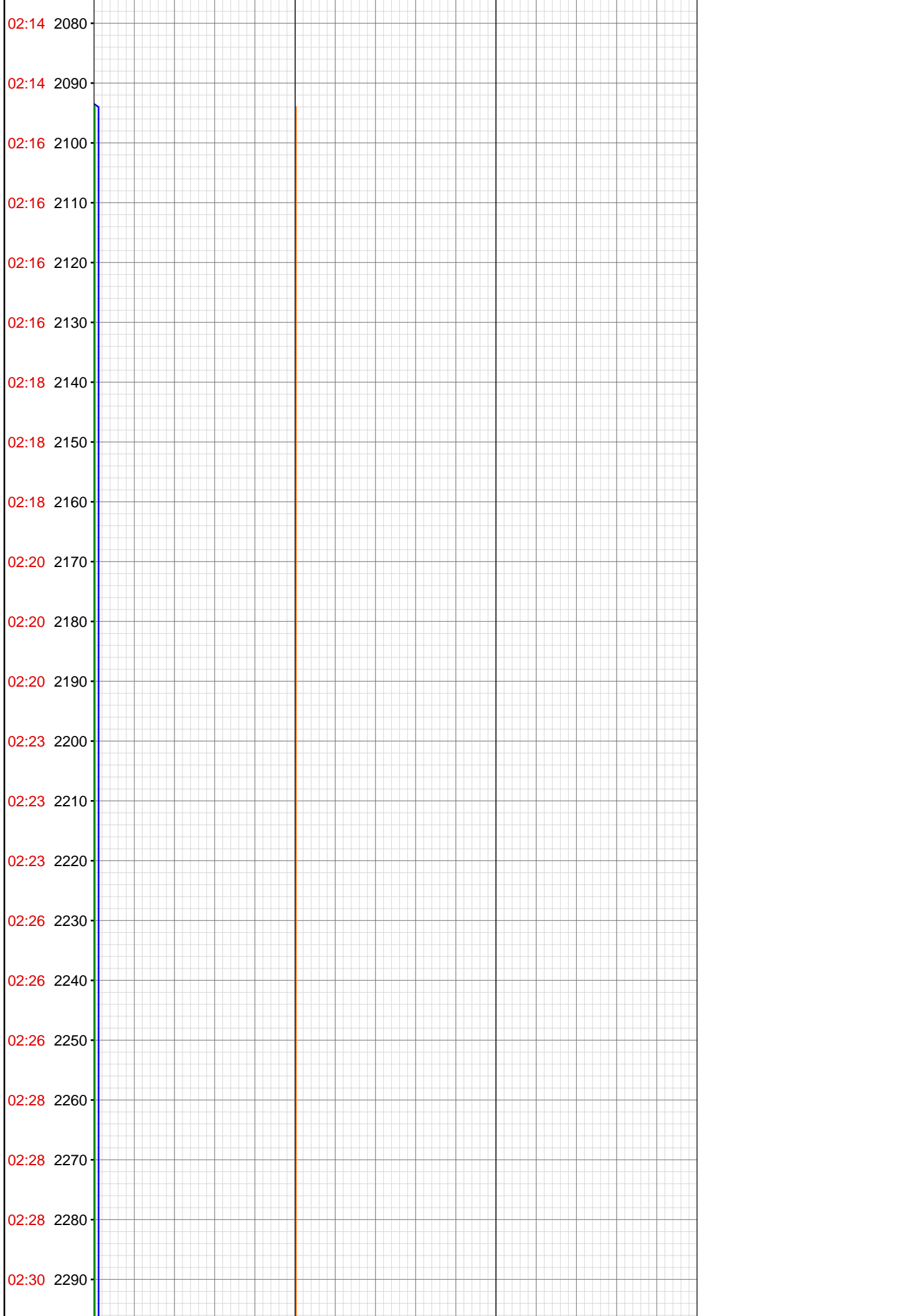


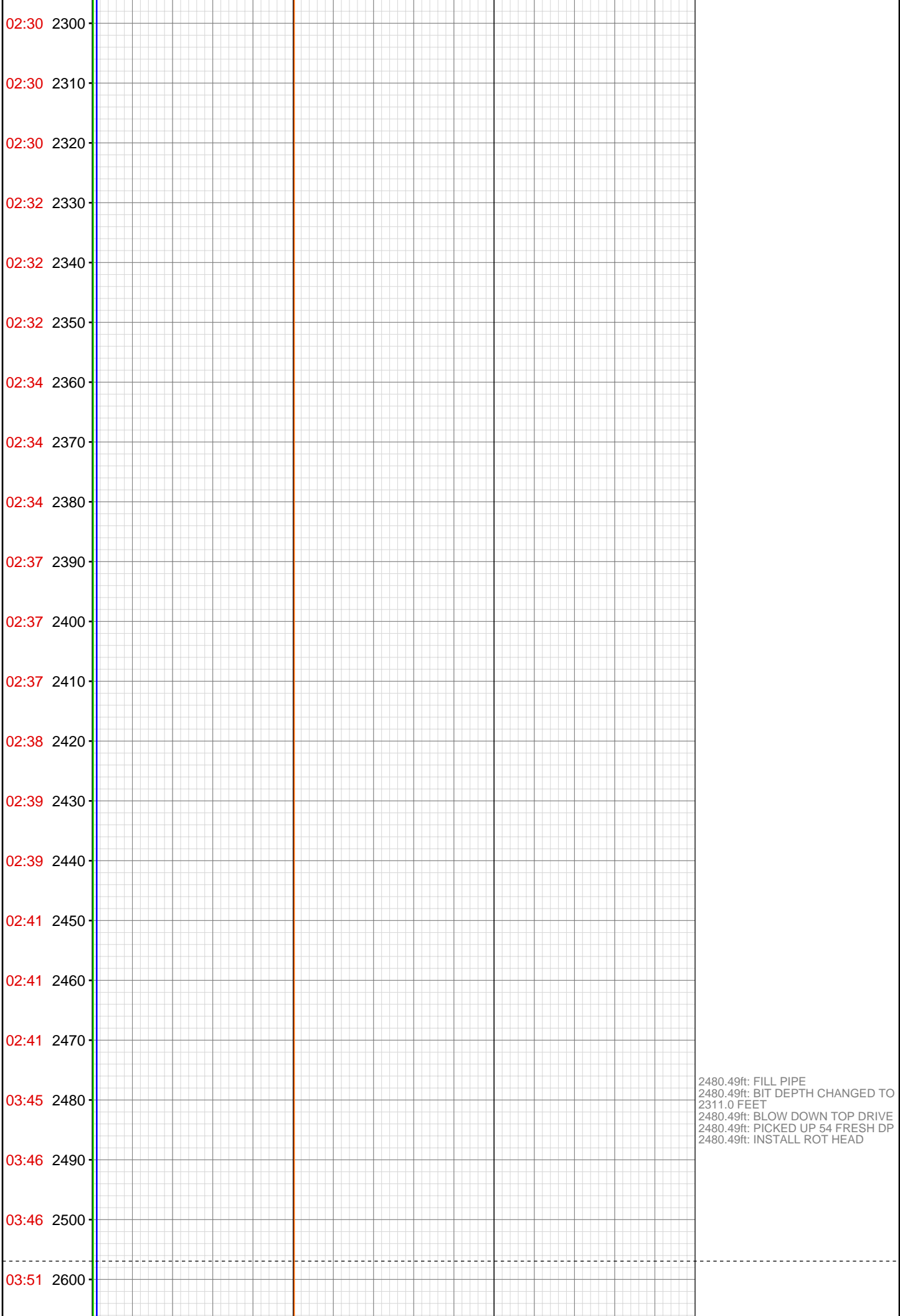


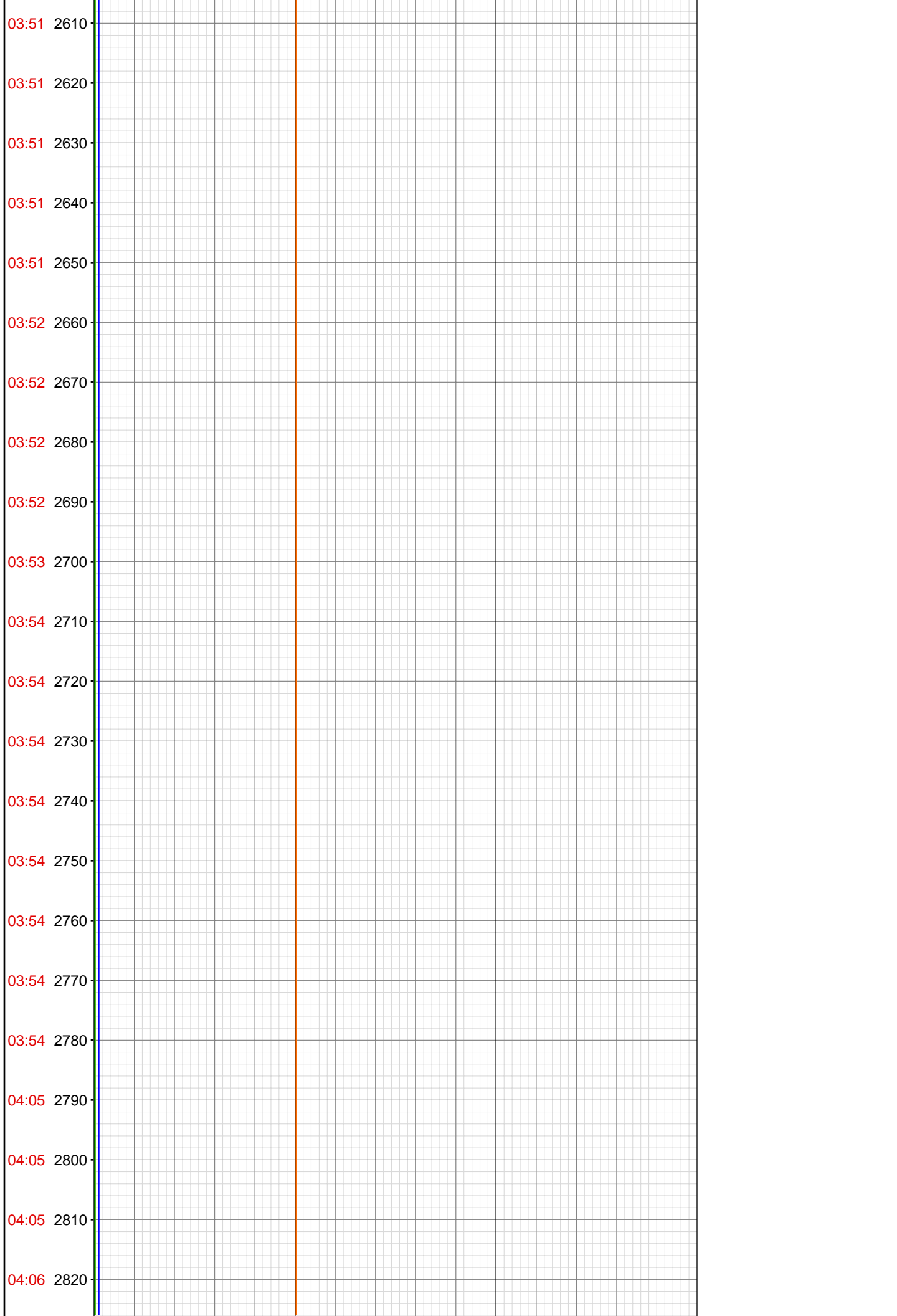
01:29	1640
01:29	1650
01:32	1660
01:32	1670
01:32	1680
01:35	1690
01:35	1700
01:35	1710
01:37	1720
01:37	1730
01:37	1740
01:40	1750
01:41	1760
01:41	1770
01:41	1780
01:43	1790
01:43	1800
01:43	1810
01:45	1820
01:45	1830
01:45	1840
01:53	1850



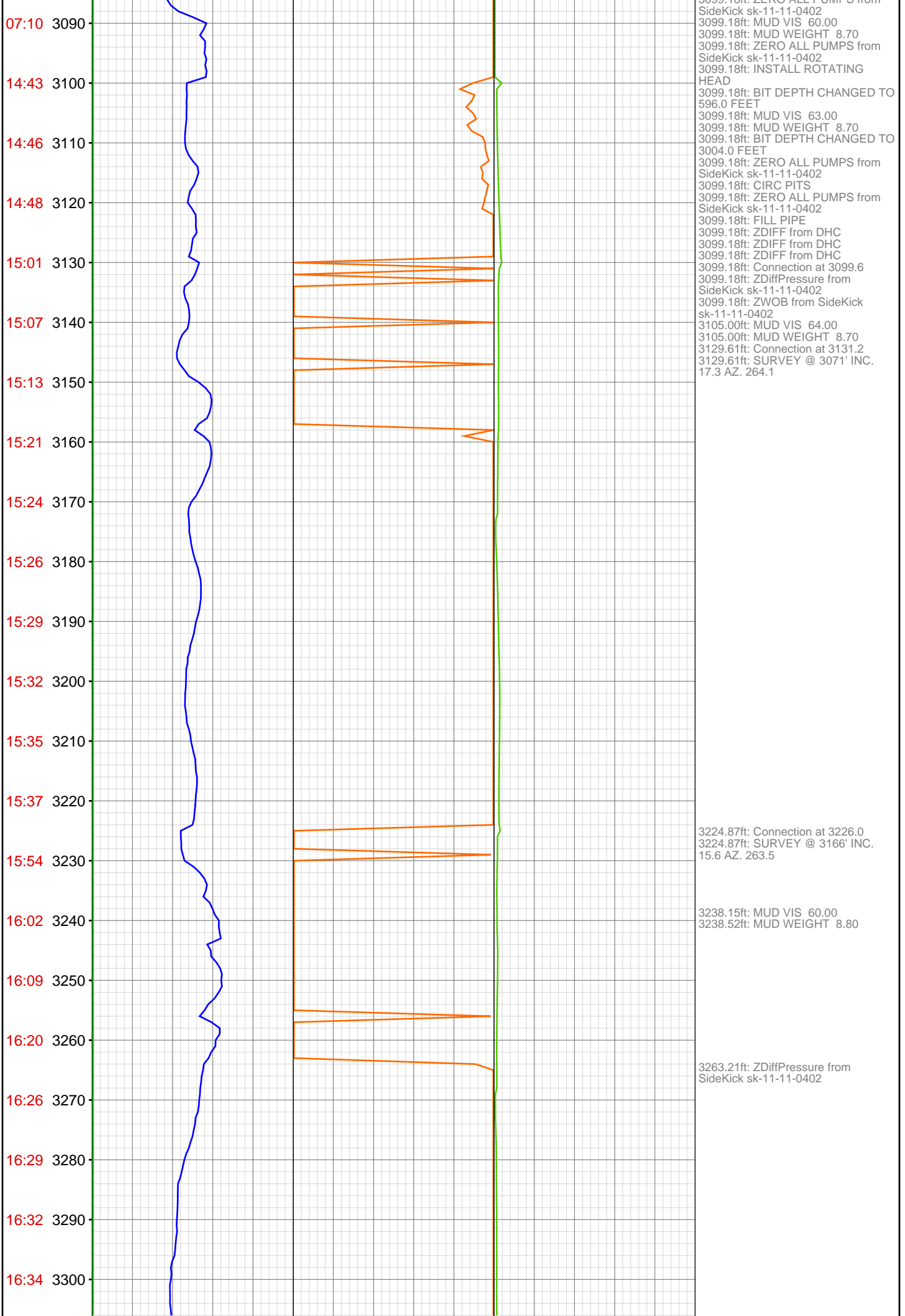


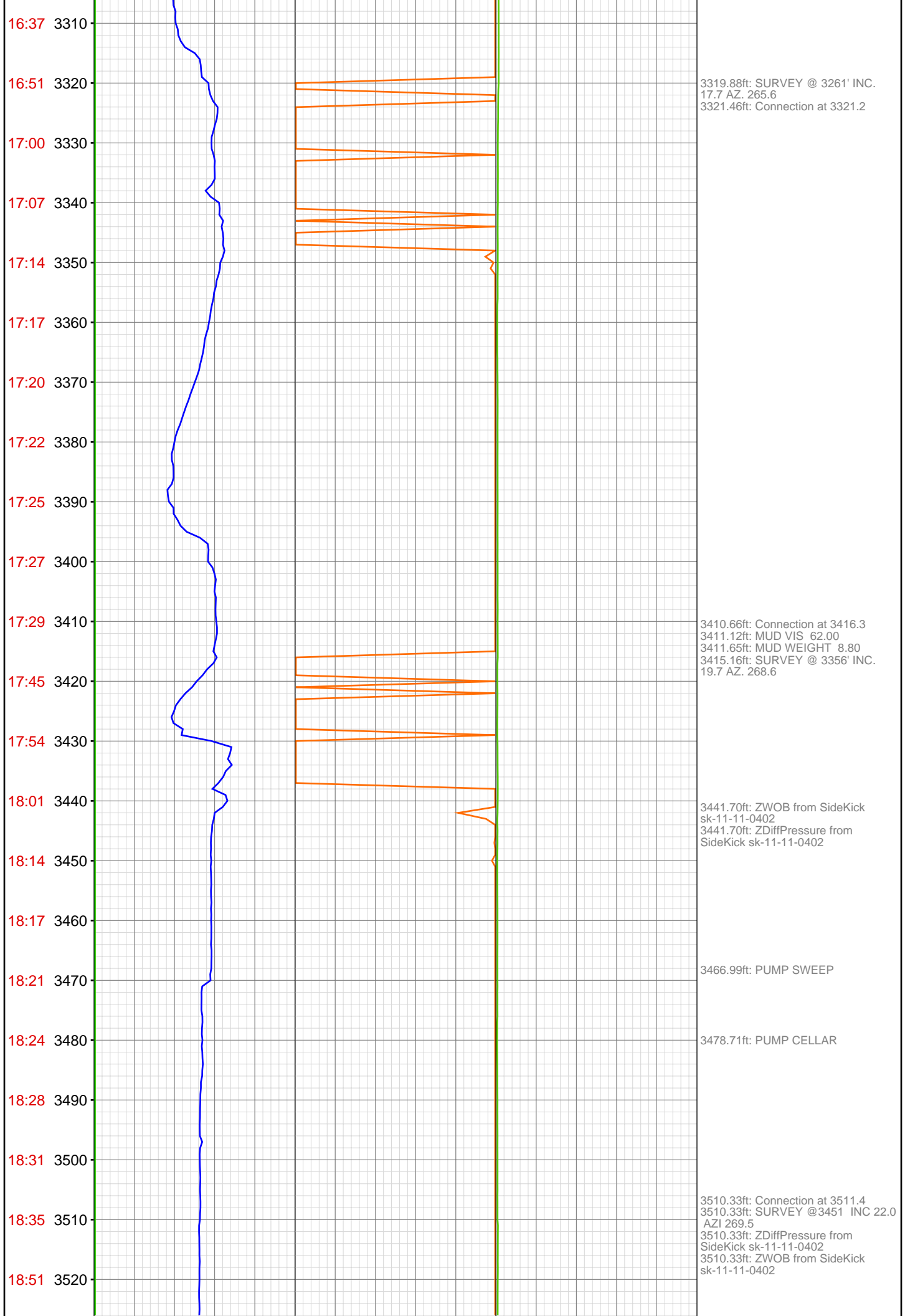


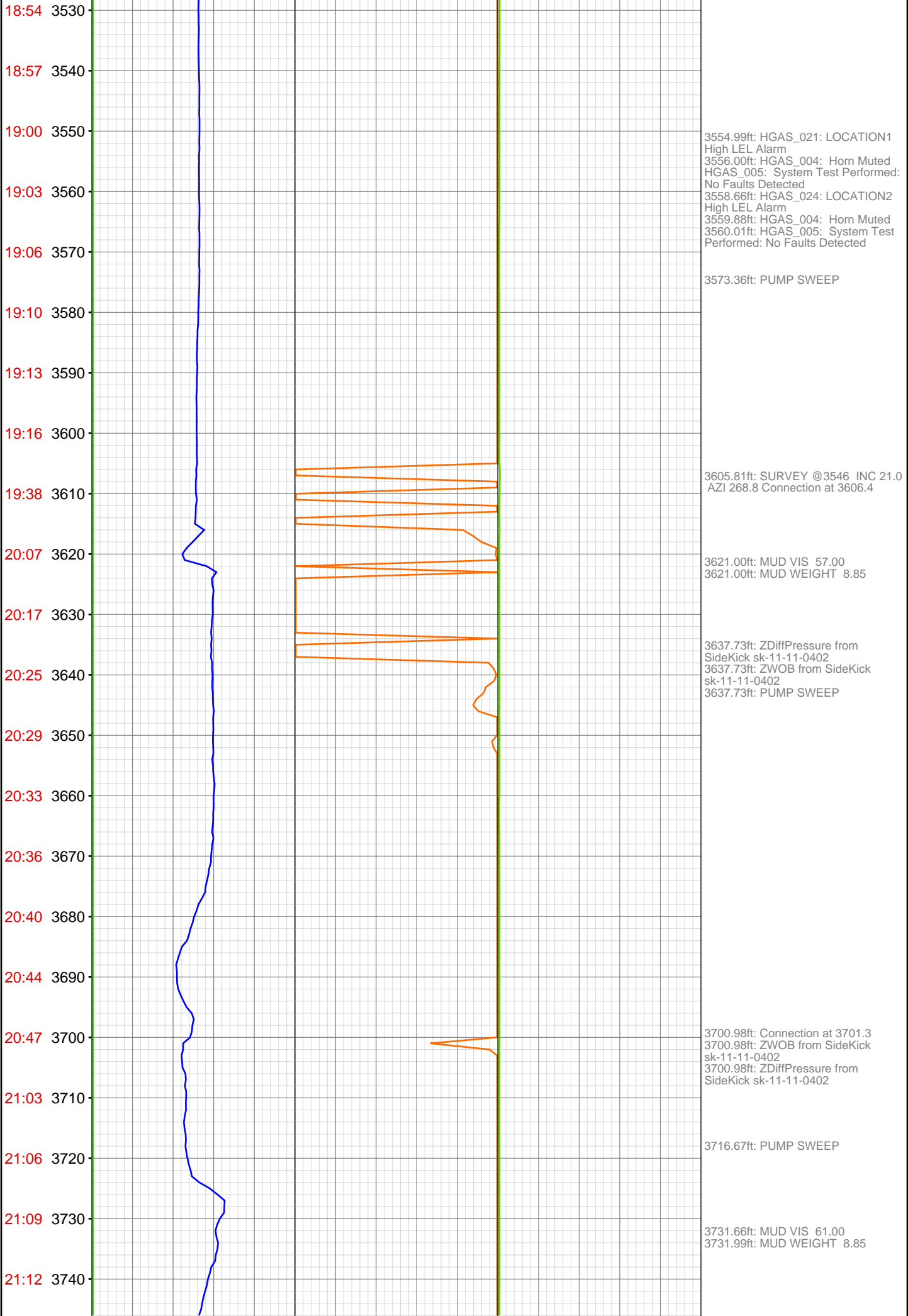


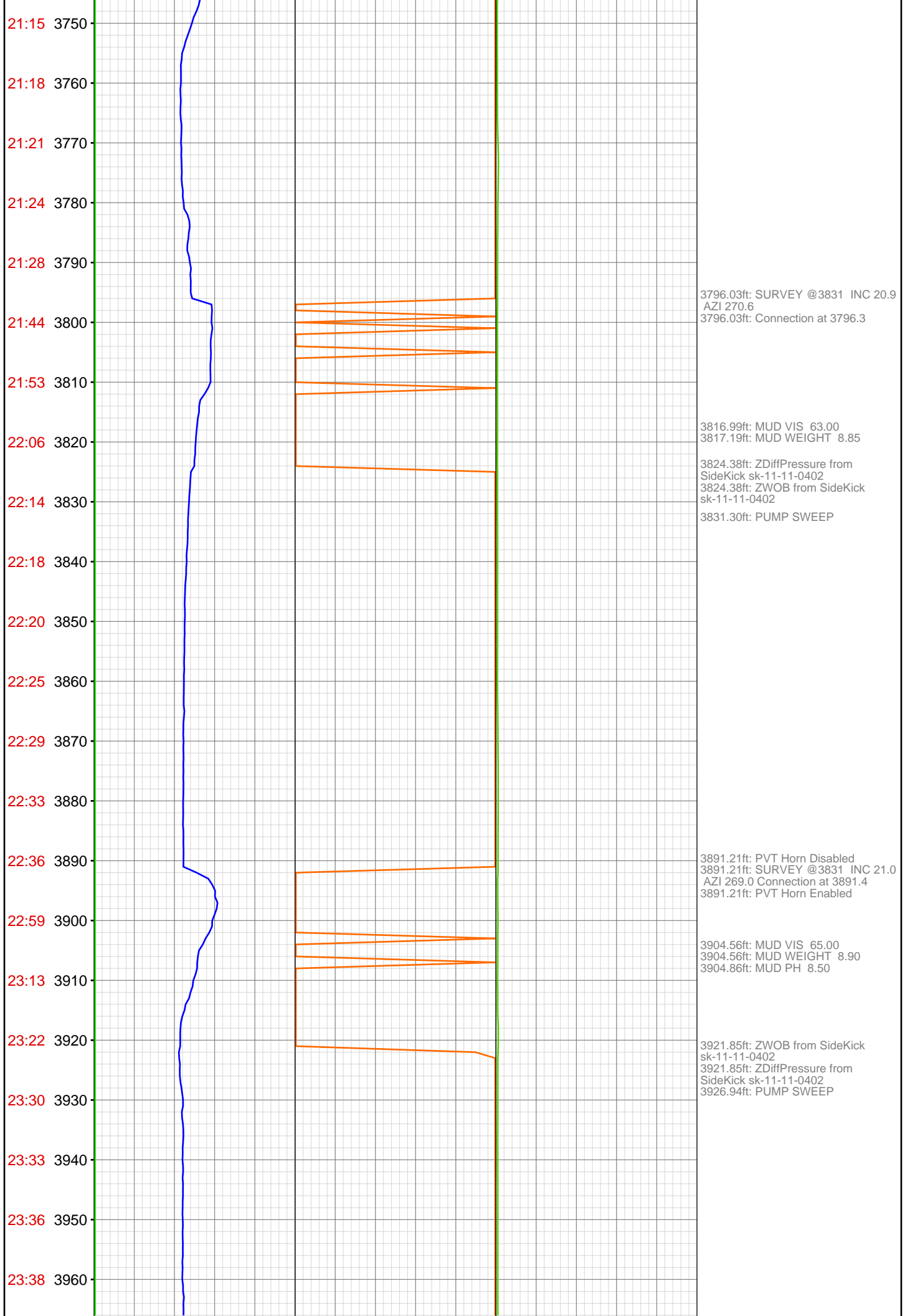


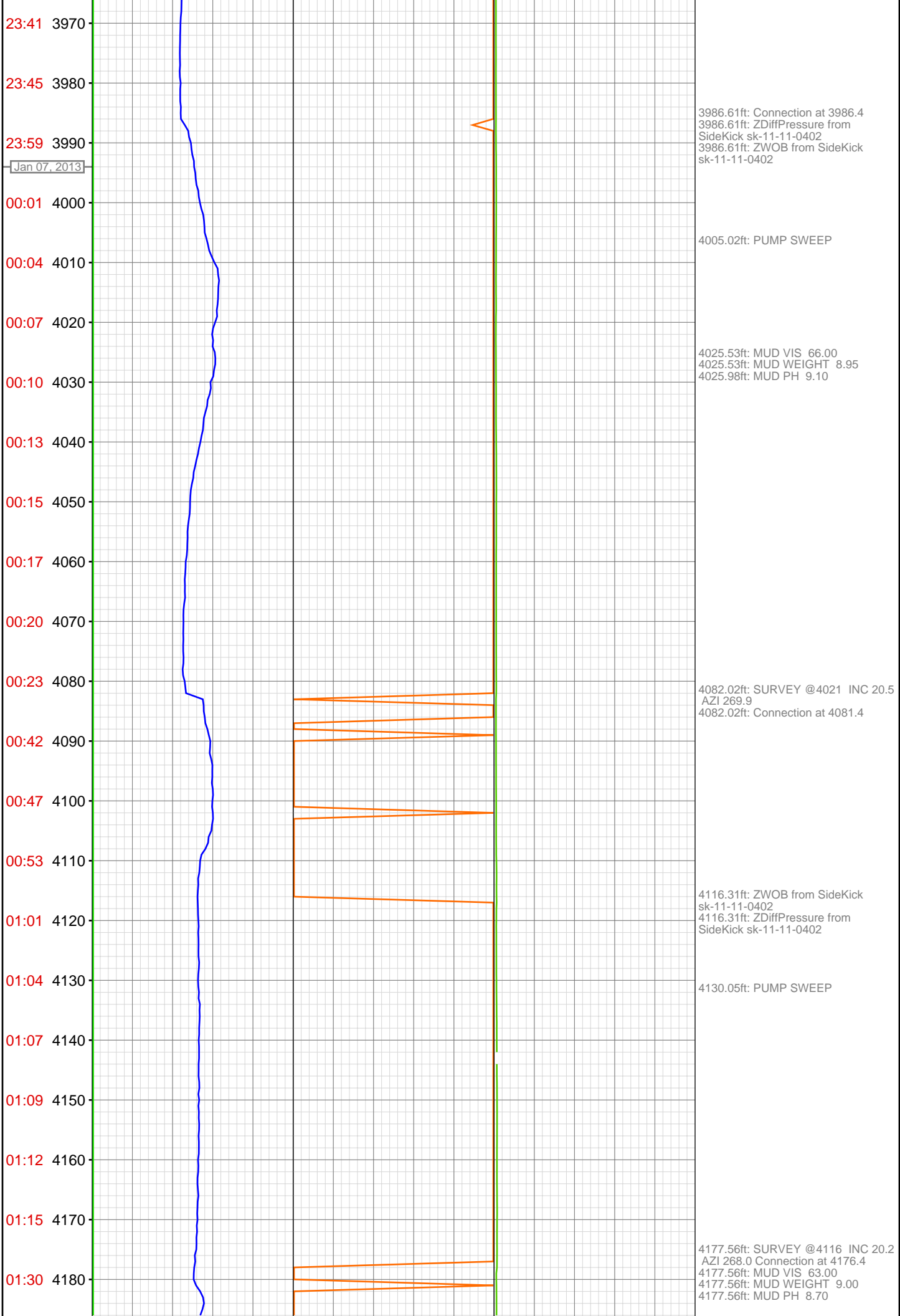




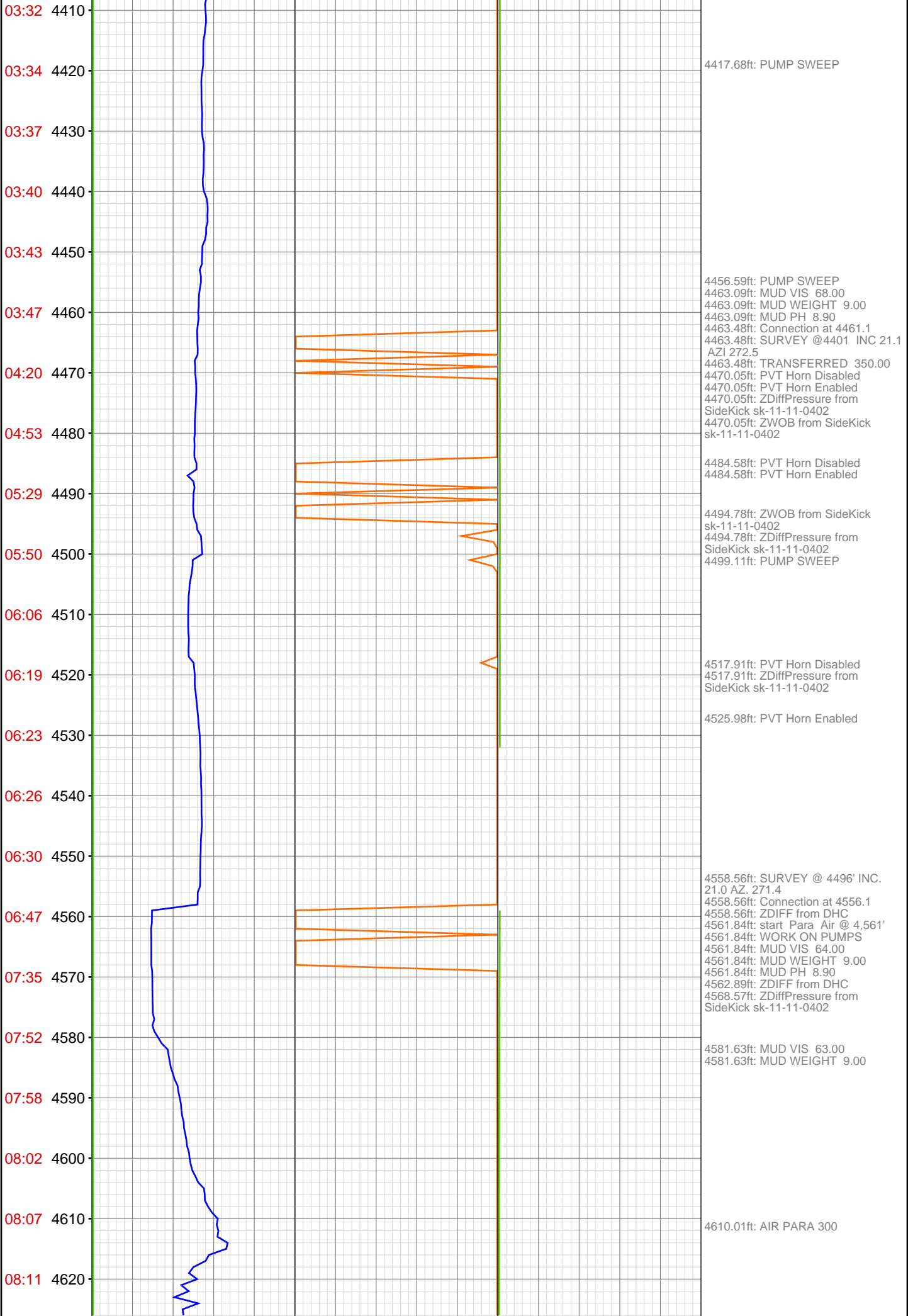


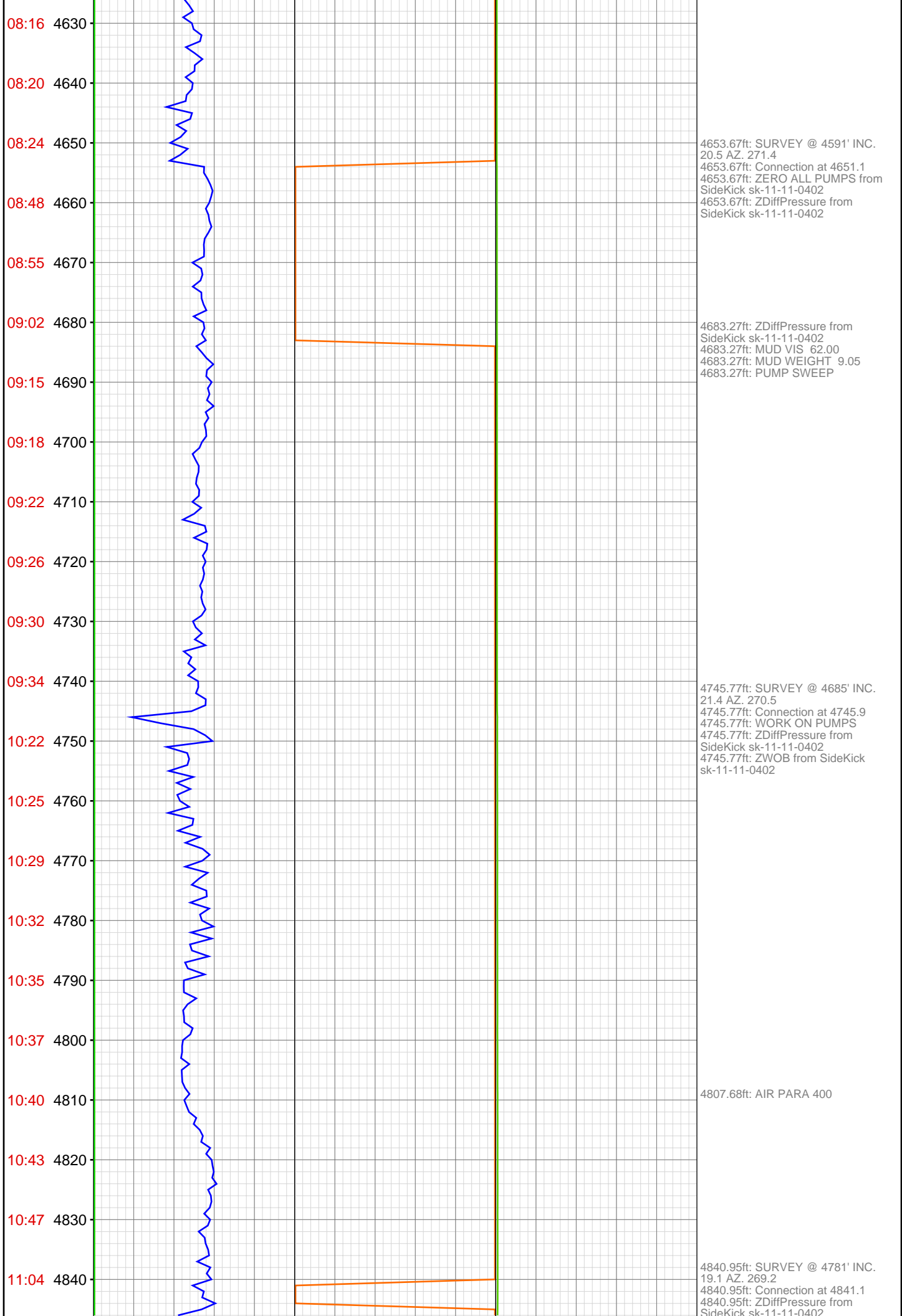


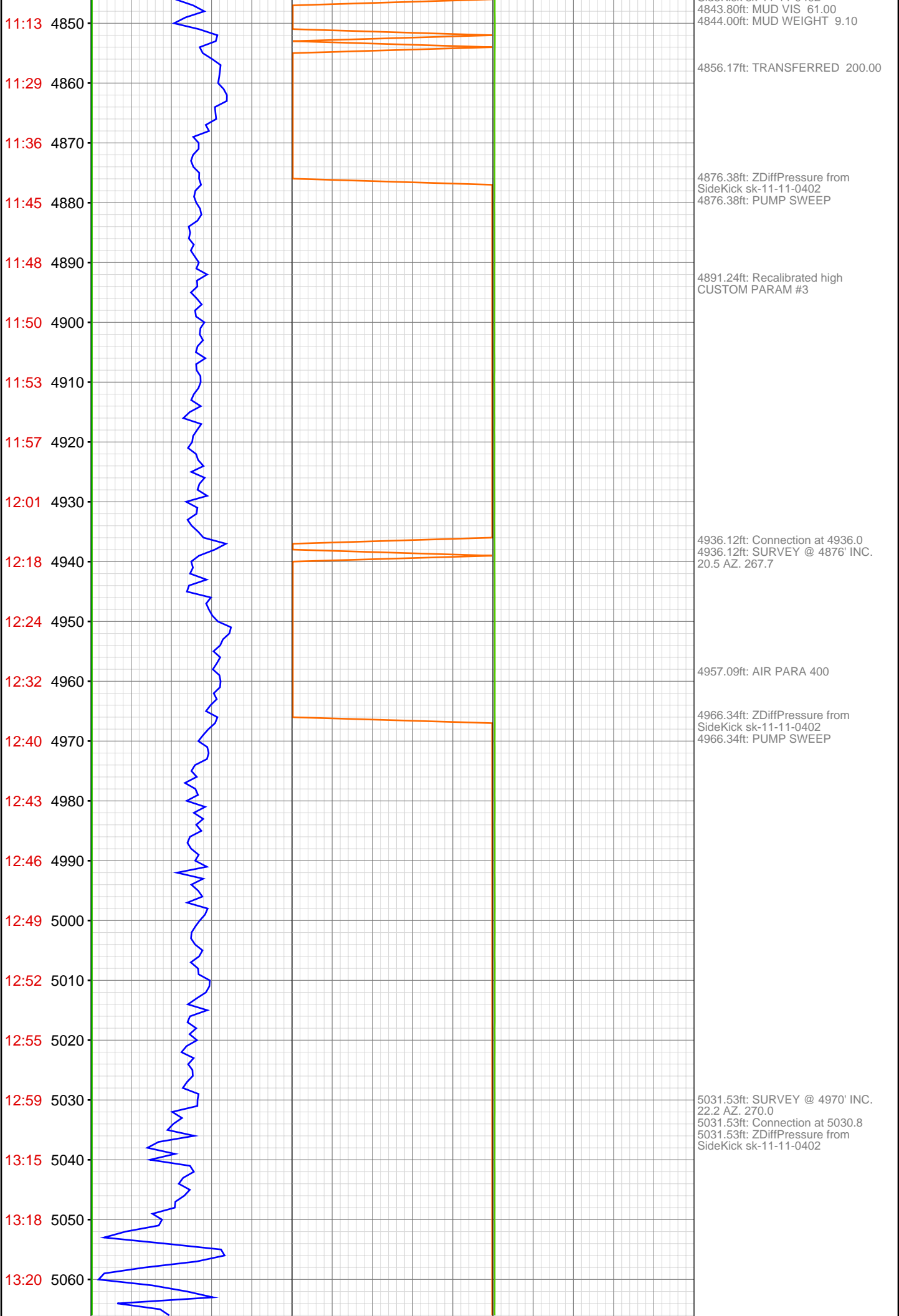


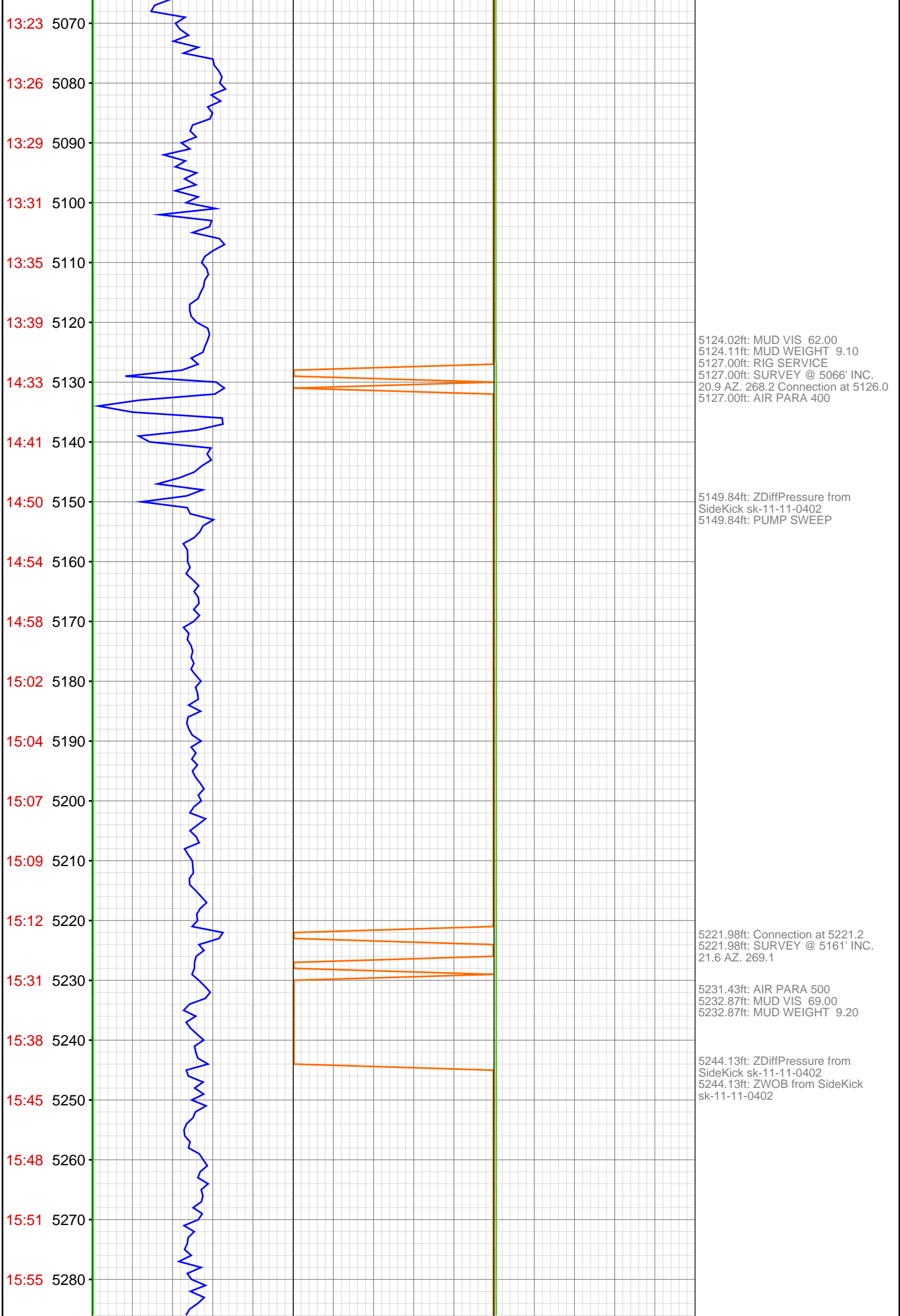




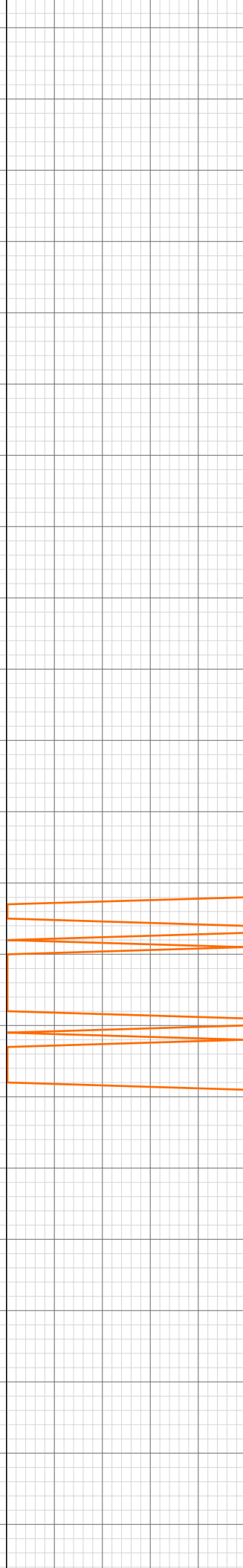








15:58 5290
16:00 5300
16:03 5310
16:16 5320
16:20 5330
16:23 5340
16:26 5350
16:28 5360
16:31 5370
16:34 5380
16:37 5390
16:40 5400
16:44 5410
18:52 5420
18:59 5430
19:09 5440
19:12 5450
19:15 5460
19:18 5470
19:21 5480
19:25 5490
19:28 5500



5317.39ft: SURVEY @ 5256' INC.
22.3 AZ. 270.8 Connection at 5316.4

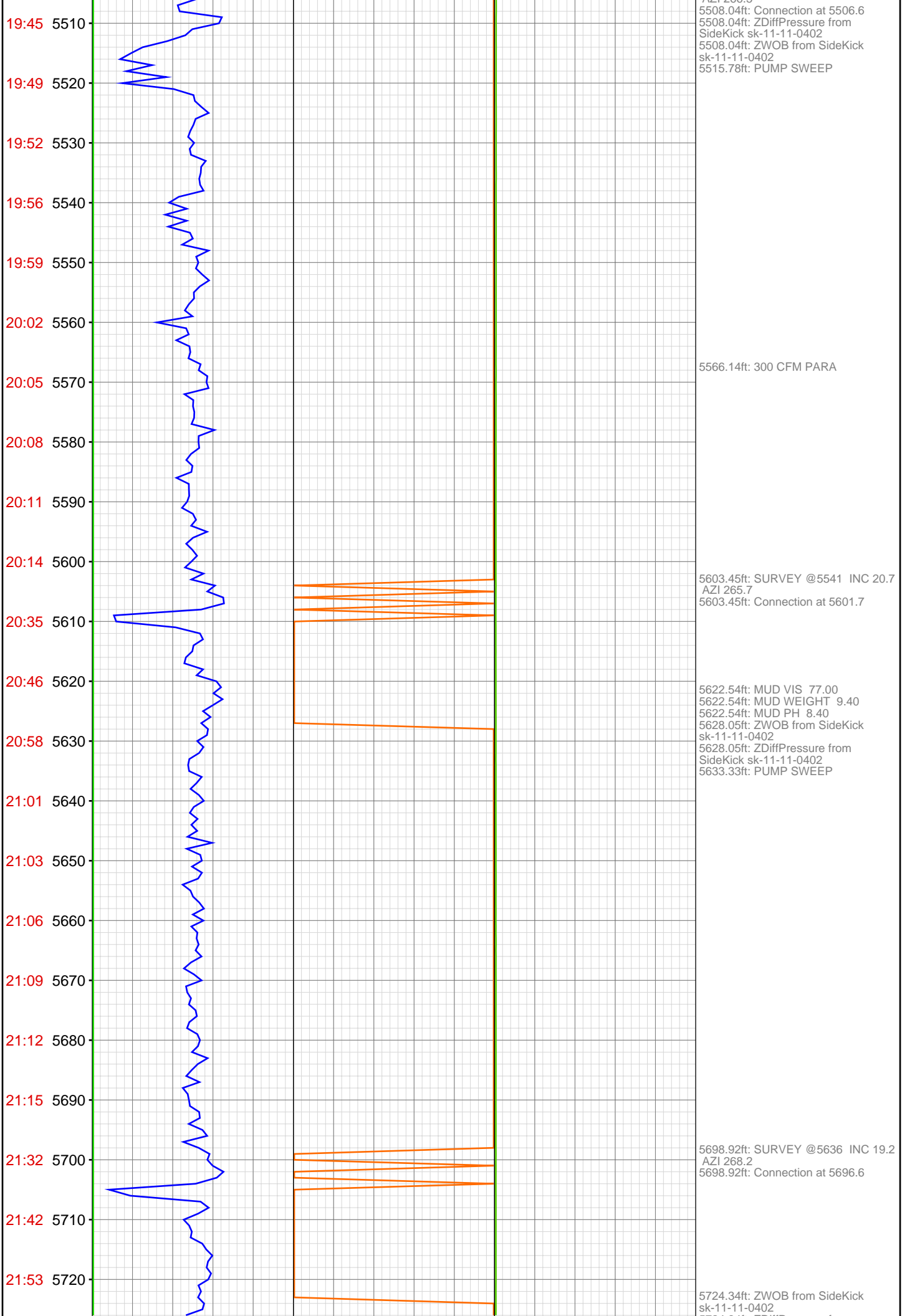
5342.82ft: PUMP SWEEP

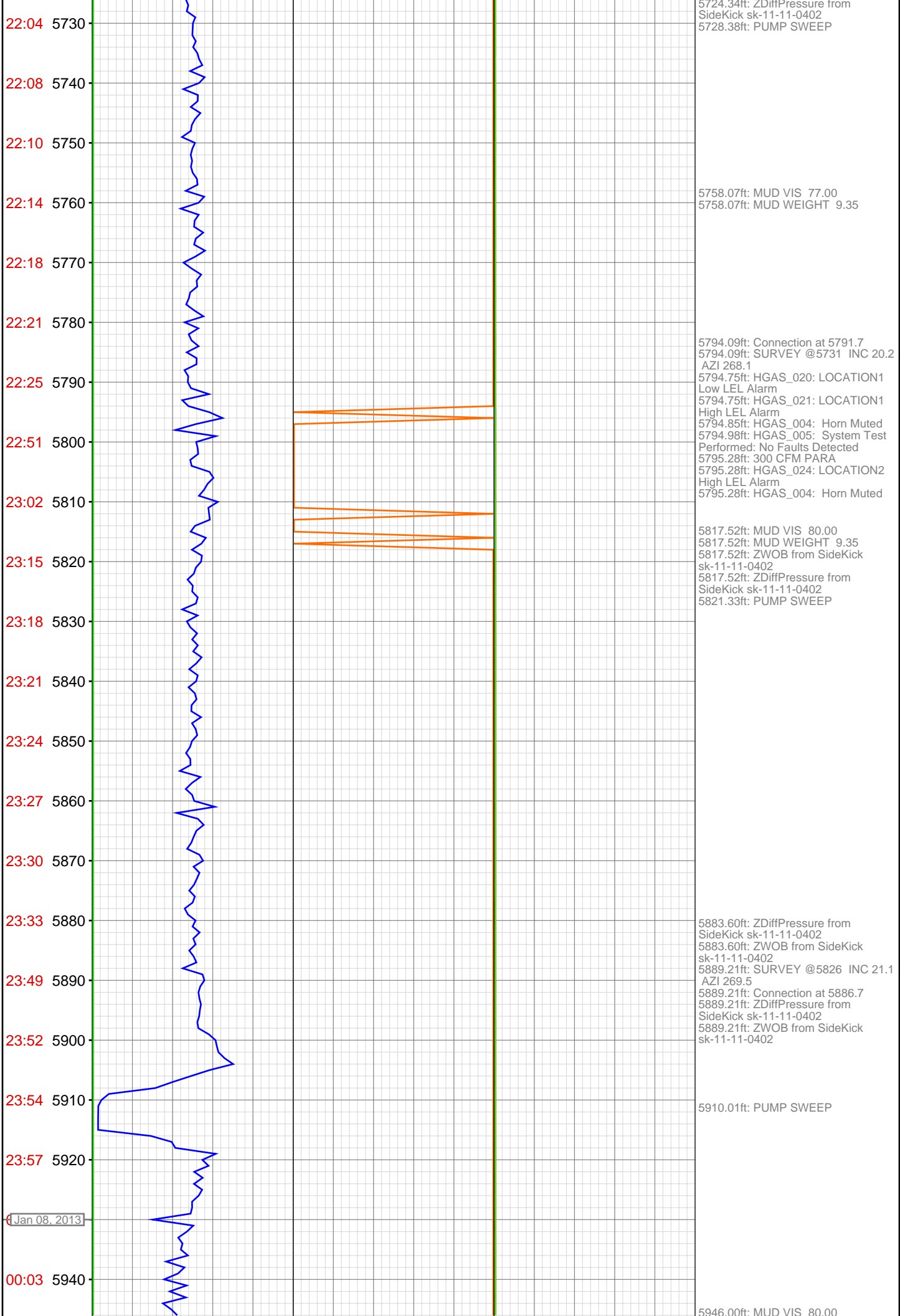
5412.80ft: SURVEY @ 5351' INC.
20.3 AZ. 270.6
5412.80ft: Connection at 5411.5
5412.80ft: 500 CFM PARA
5412.80ft: WORK ON PUMPS
5412.80ft: MUD VIS 69.00
5412.80ft: MUD WEIGHT 9.20
5421.00ft: 400 CFM PARA

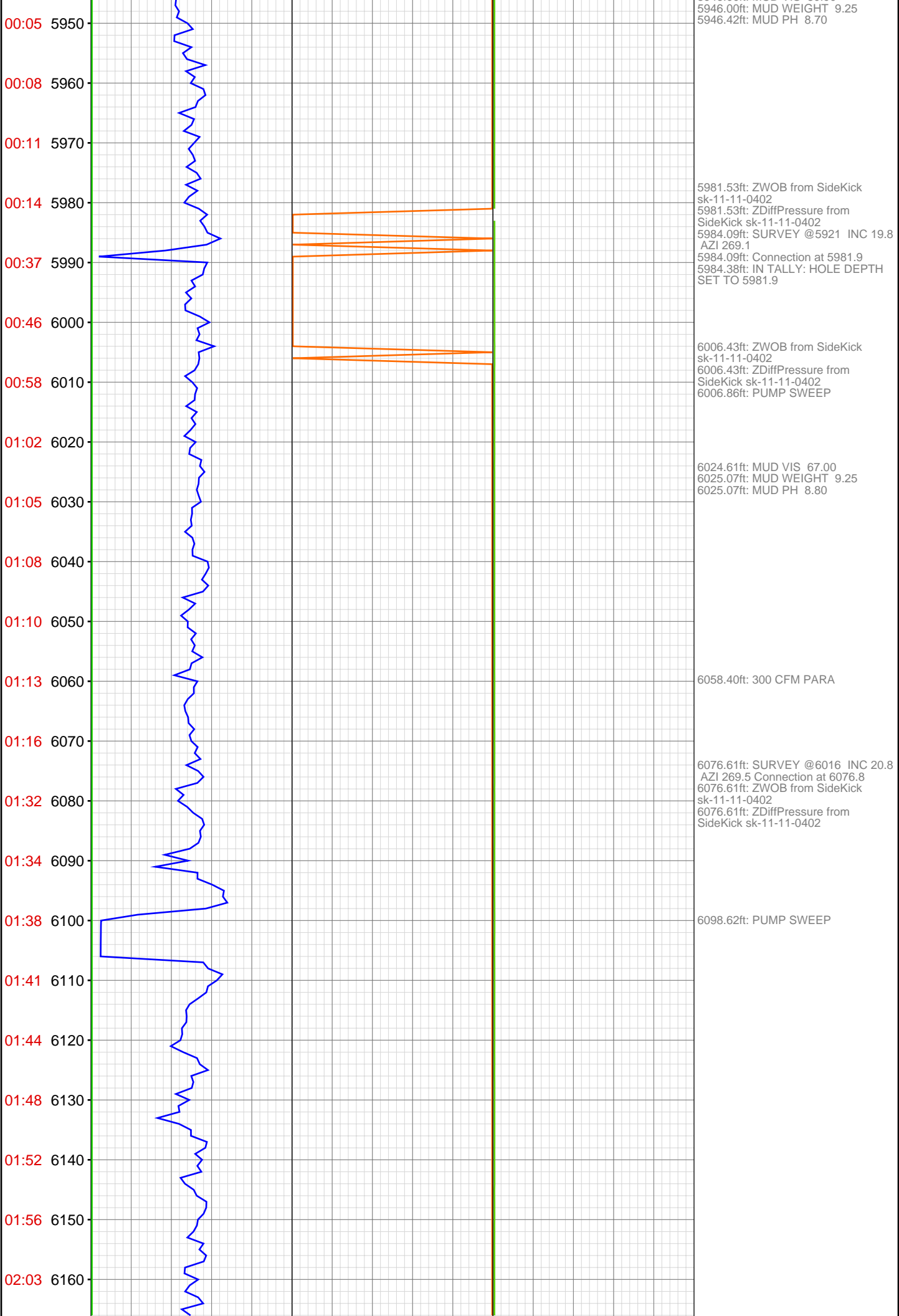
5438.29ft: ZWOB from SideKick
sk-11-11-0402
5438.29ft: ZDiffPressure from
SideKick sk-11-11-0402
5438.29ft: MUD VIS 74.00
5438.29ft: MUD WEIGHT 9.30
5438.29ft: MUD PH 8.50

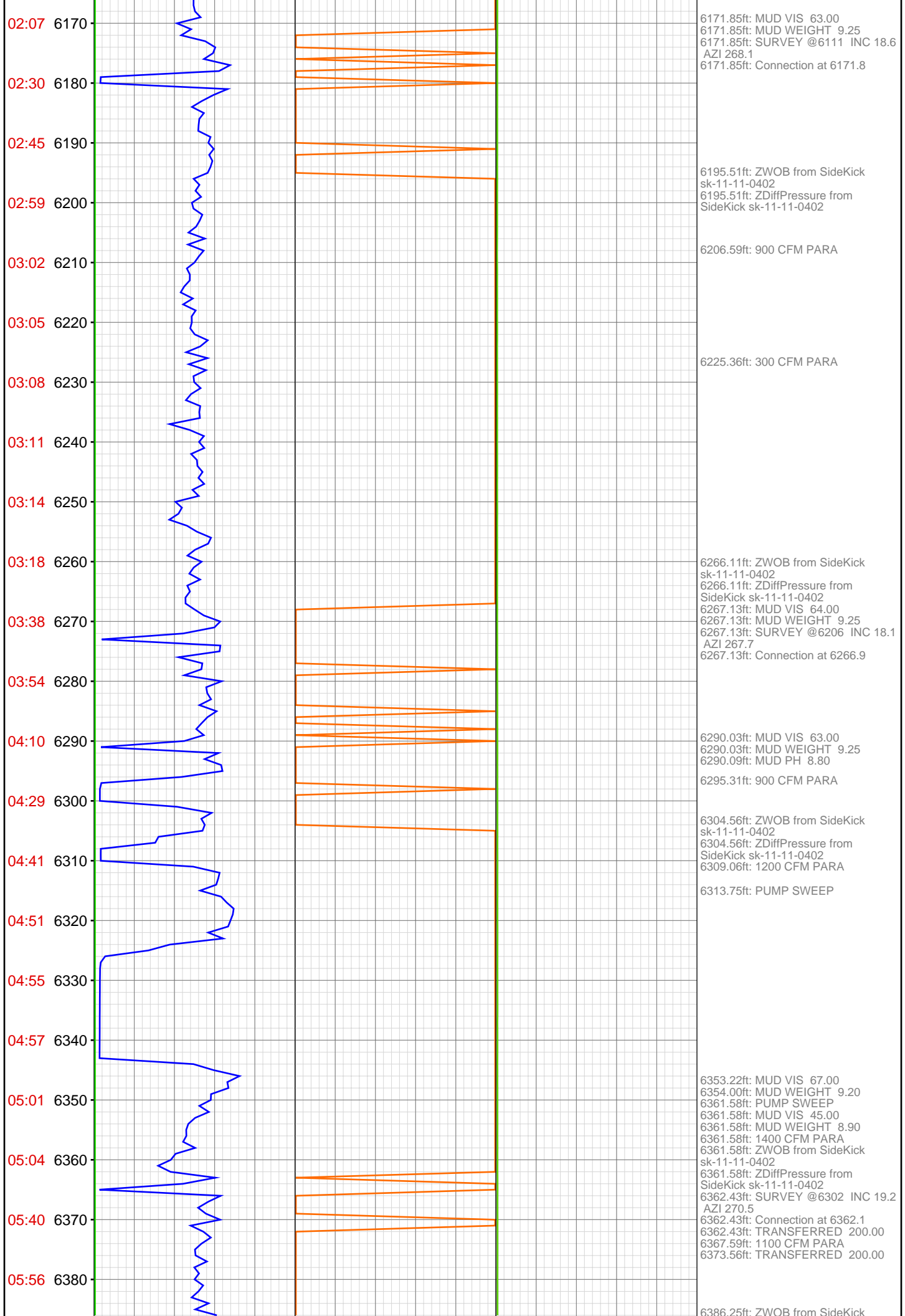
5455.22ft: PUMP SWEEP

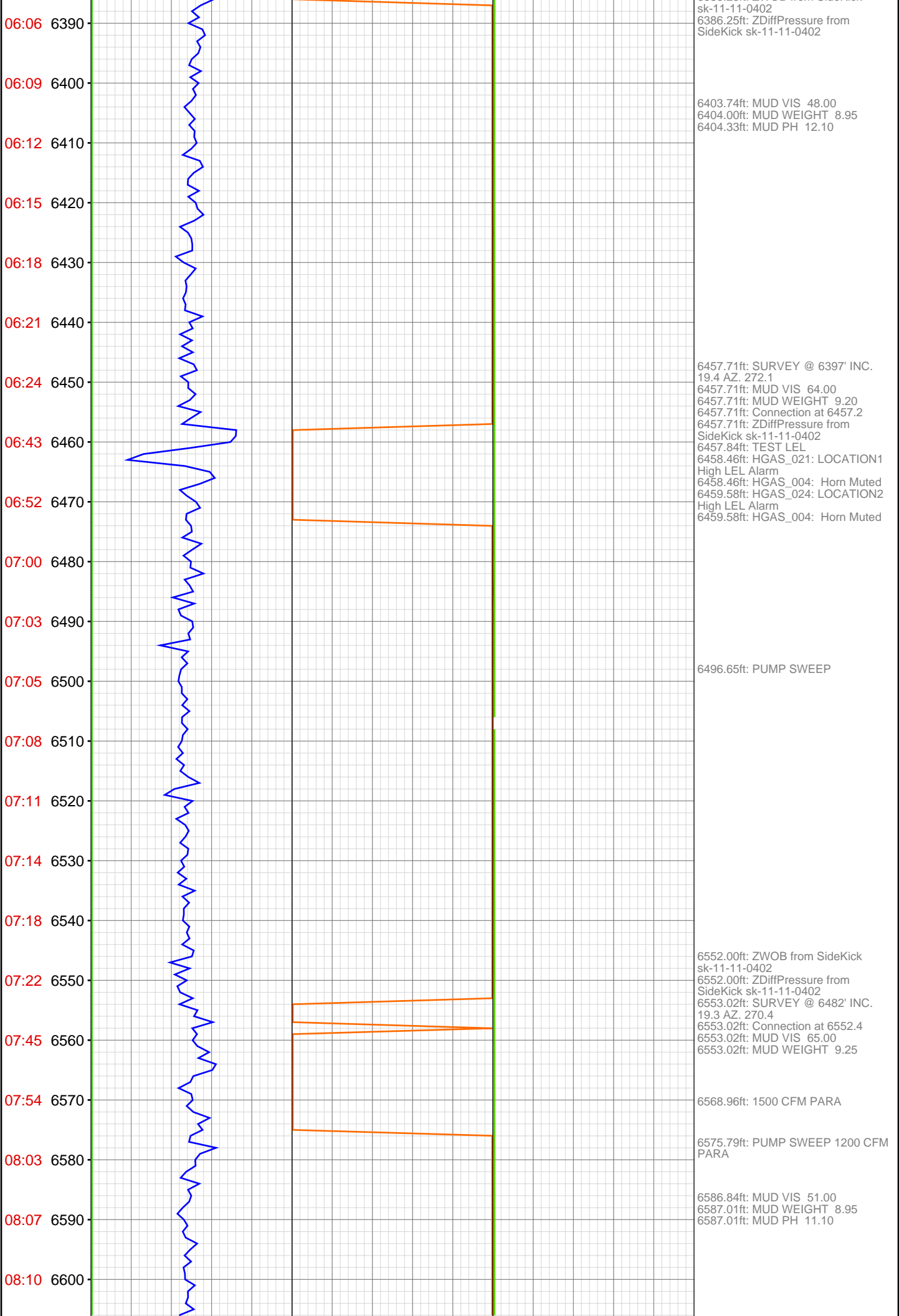
5508.04ft: SURVEY @5446 INC 21.9
AZ 266.5



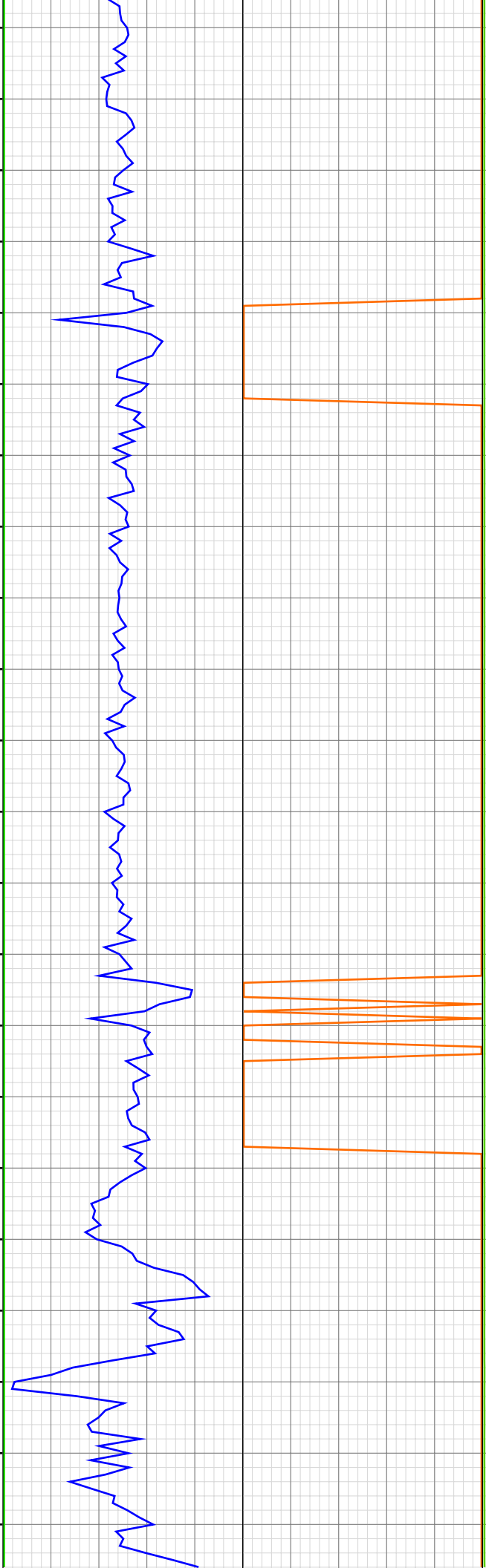








08:14 6610
08:18 6620
08:21 6630
08:25 6640
08:42 6650
08:53 6660
09:01 6670
09:05 6680
09:09 6690
09:12 6700
09:17 6710
09:20 6720
09:24 6730
09:28 6740
09:46 6750
10:06 6760
10:20 6770
10:23 6780
10:26 6790
10:29 6800
10:32 6810
10:36 6820



6647.70ft: ZWOB from SideKick
sk-11-11-0402
6647.70ft: ZDiffPressure from
SideKick sk-11-11-0402
6648.36ft: SURVEY @ 6587' INC.
20.2 AZ. 268.7 Connection at 6647.4
6648.52ft: IN TALLY: HOLE DEPTH
SET TO 6647.1

6662.17ft: MUD VIS 60.00
6662.17ft: MUD WEIGHT 9.15
6662.47ft: PUMP SWEEP

6741.08ft: ZWOB from SideKick
sk-11-11-0402
6741.08ft: ZWOB from SideKick
sk-11-11-0402
6741.08ft: ZDiffPressure from
SideKick sk-11-11-0402
6743.54ft: Connection at 6742.6
6743.54ft: SURVEY @ 6682' INC.
19.2 AZ. 269.1
6743.54ft: 1200 CFM PARASITE

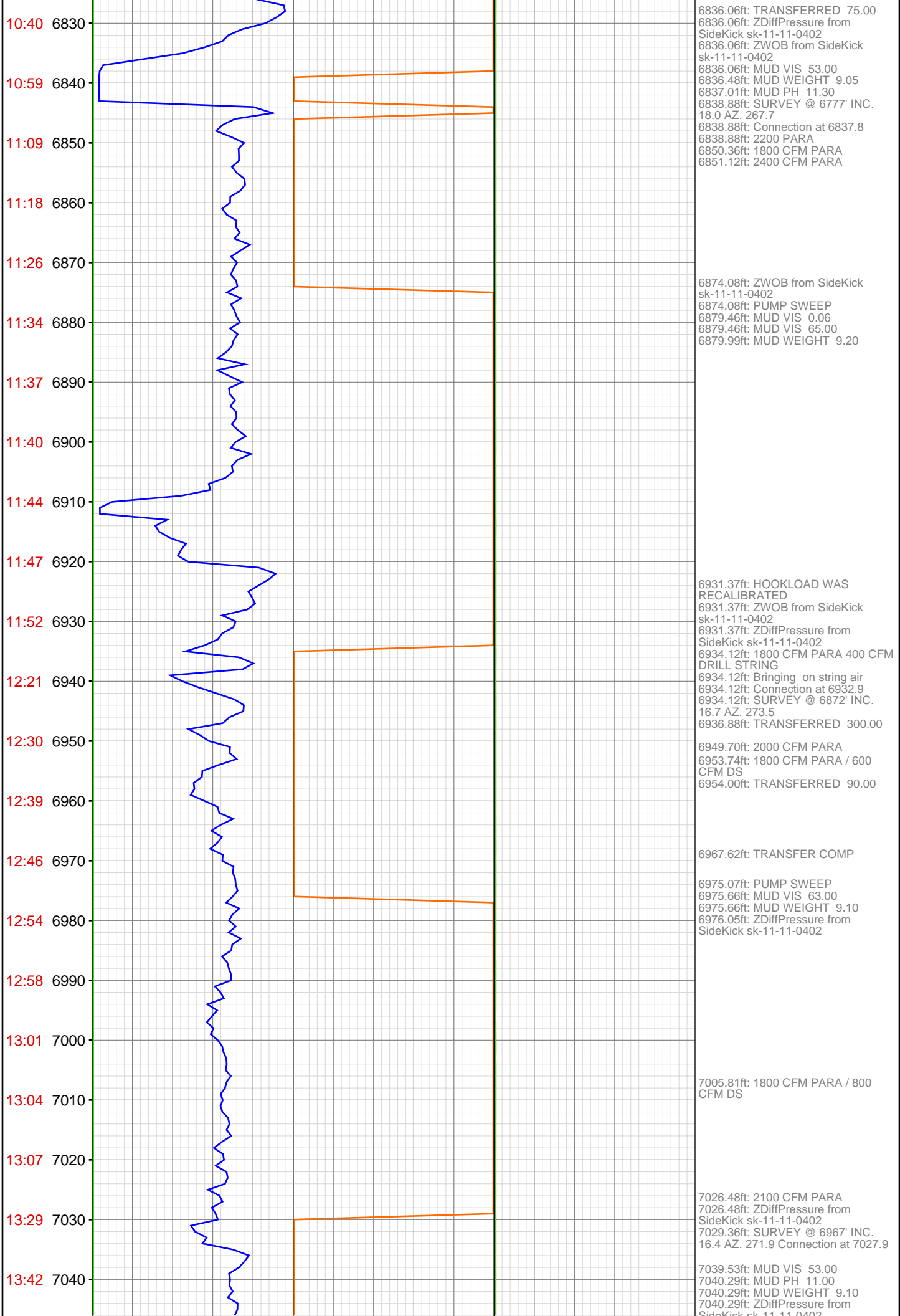
6757.12ft: 1300 CFM PARA

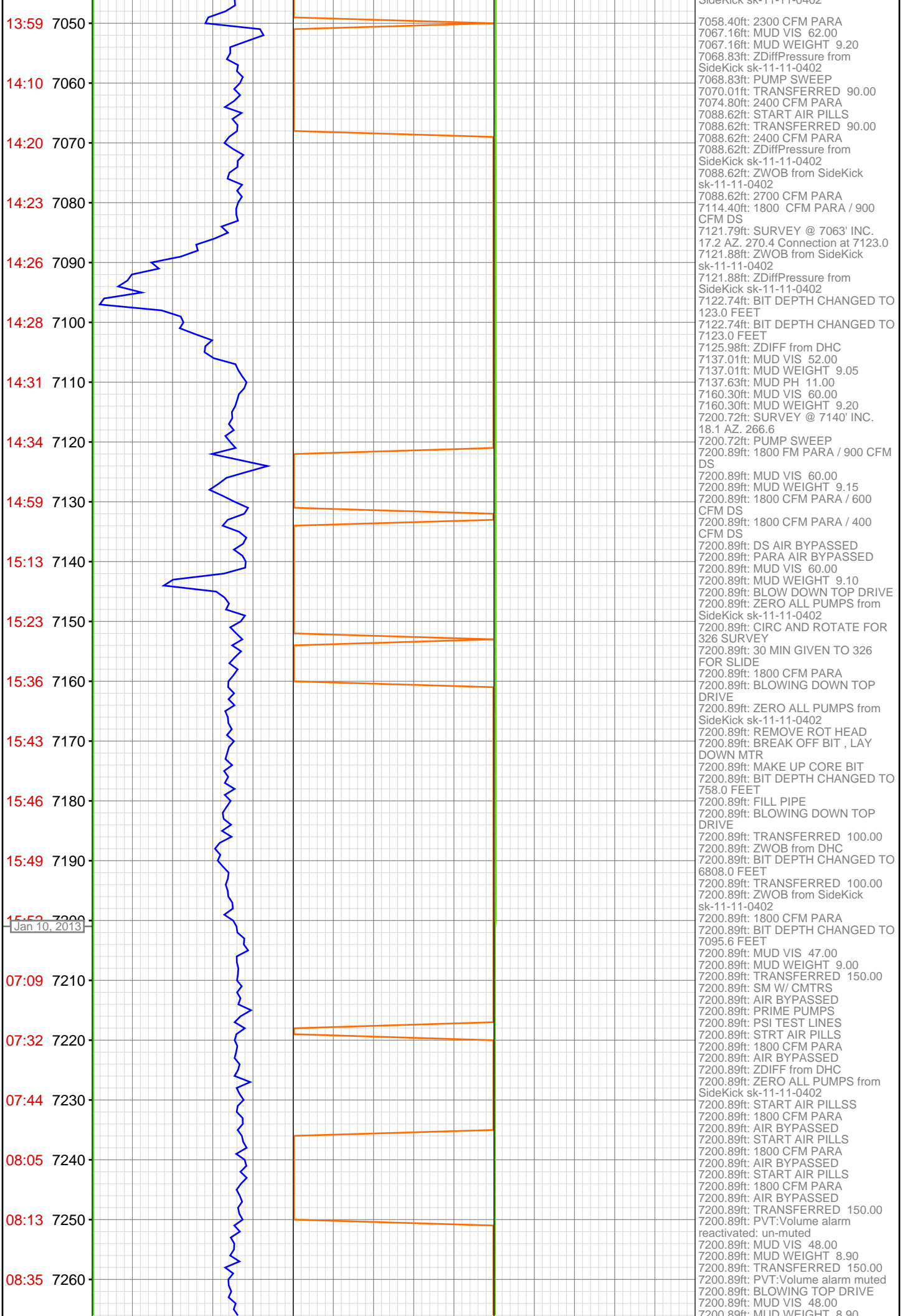
6769.36ft: PUMP SWEEP

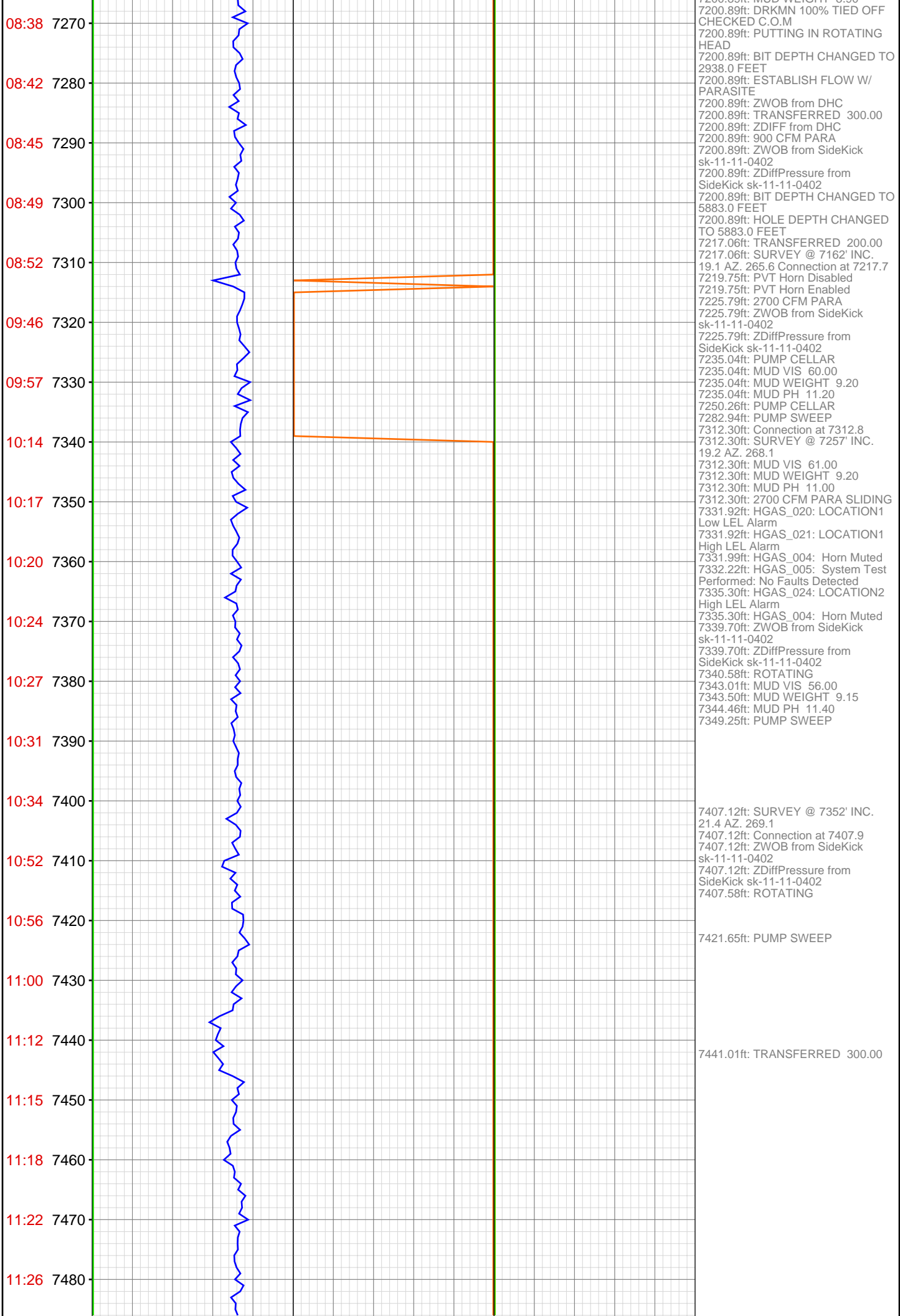
6799.18ft: MUD VIS 62.00
6799.18ft: MUD WEIGHT 9.20

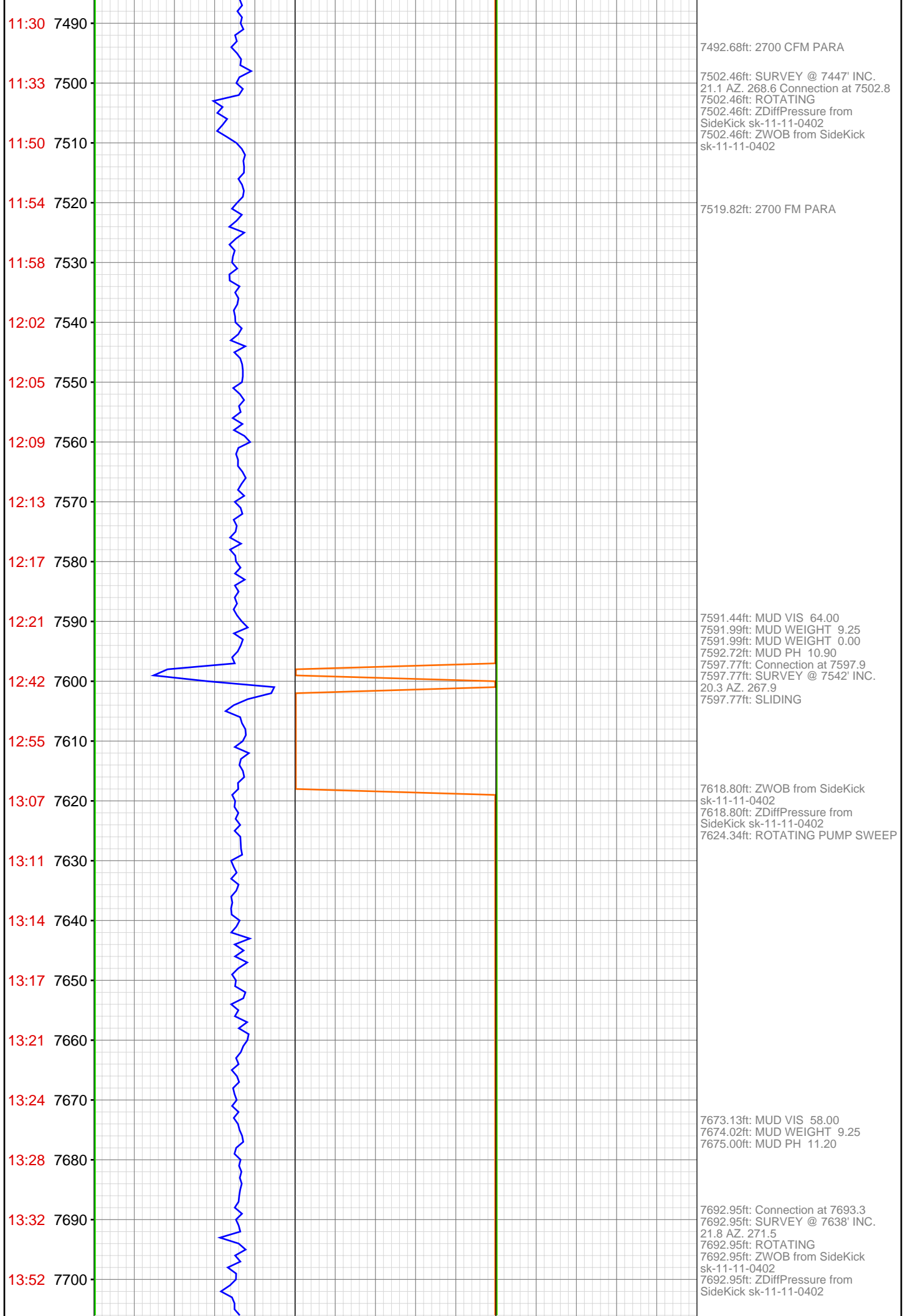
6807.84ft: 1400 CFM PARA

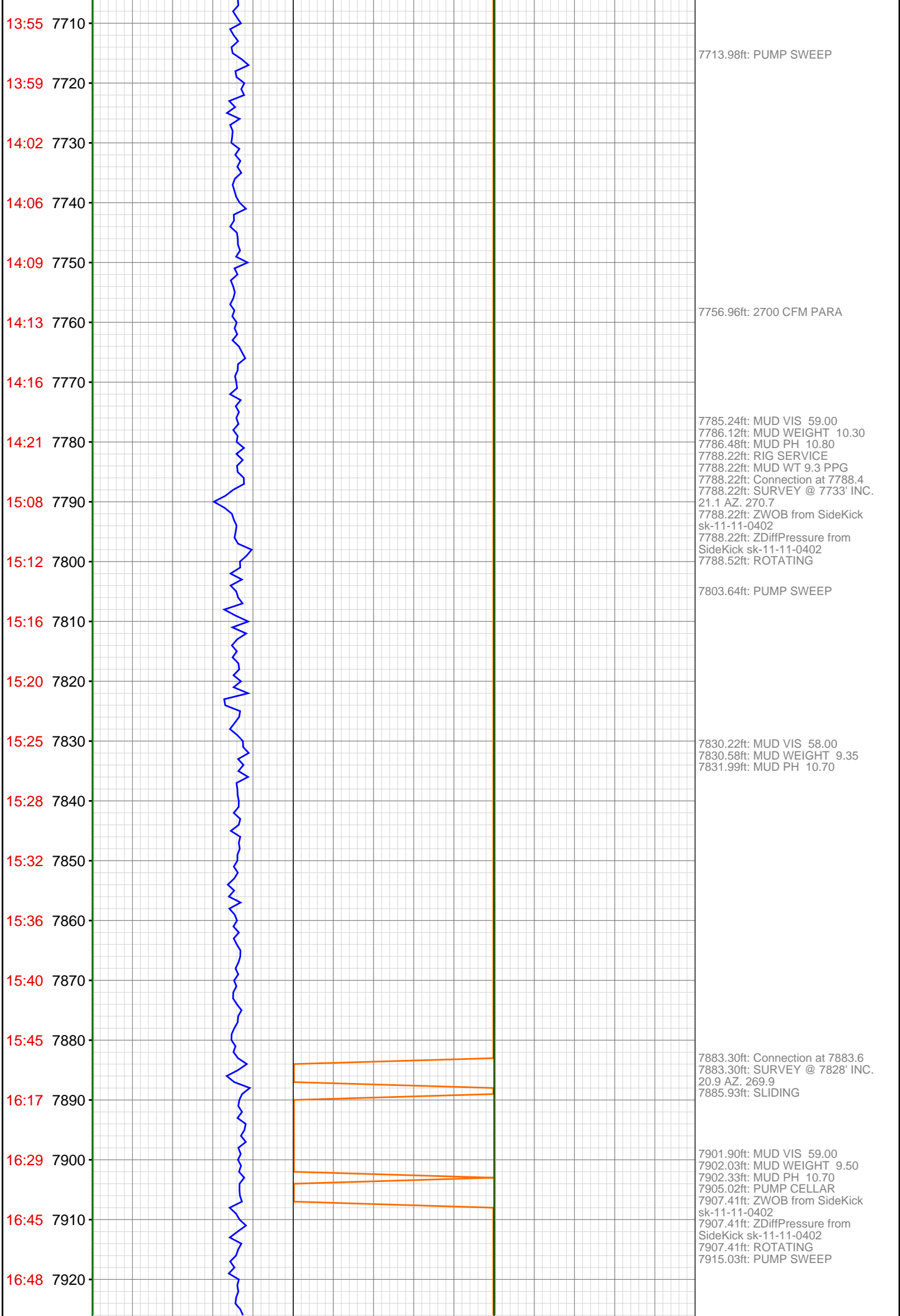
6820.96ft: 1800 CFM PARA

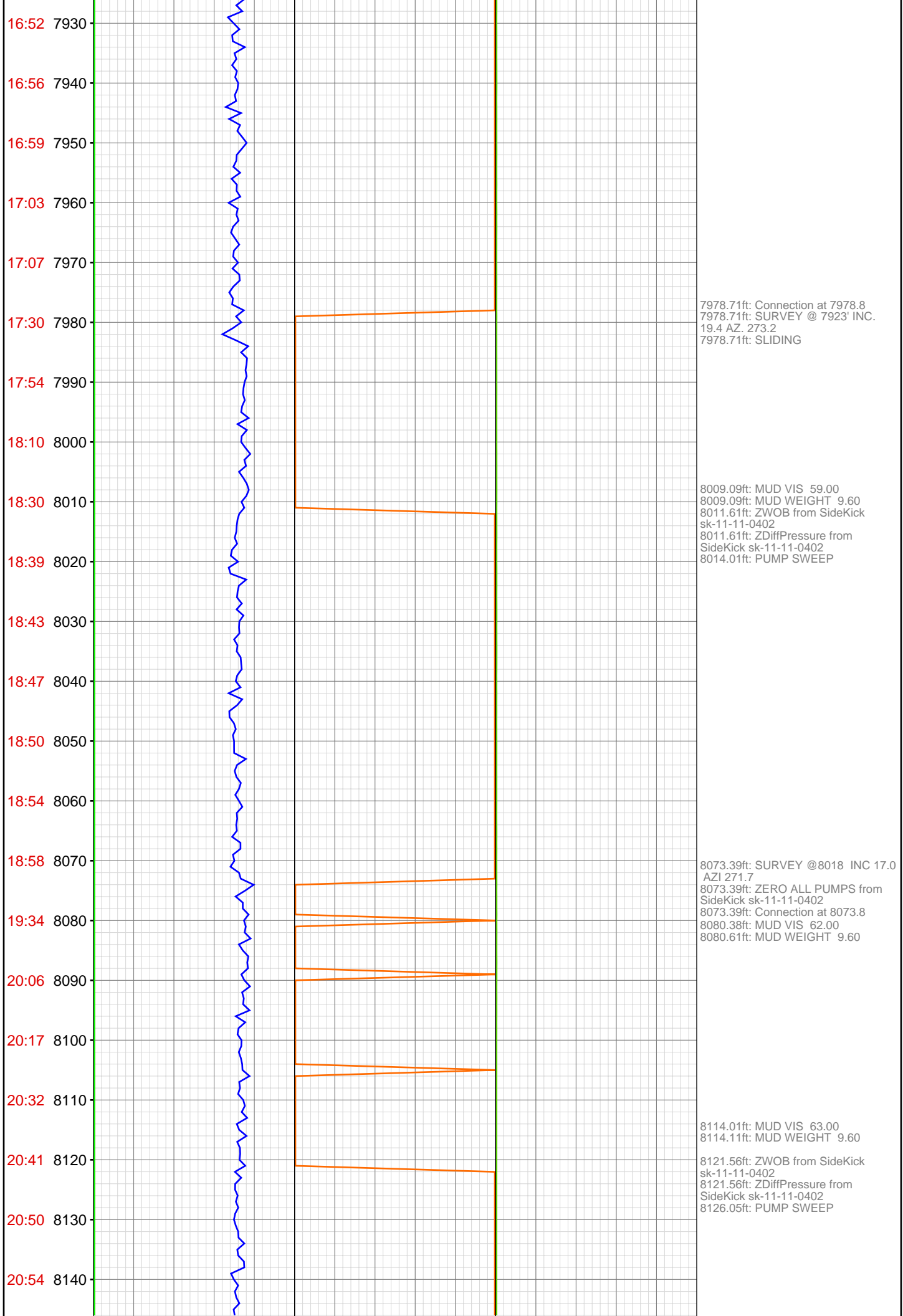


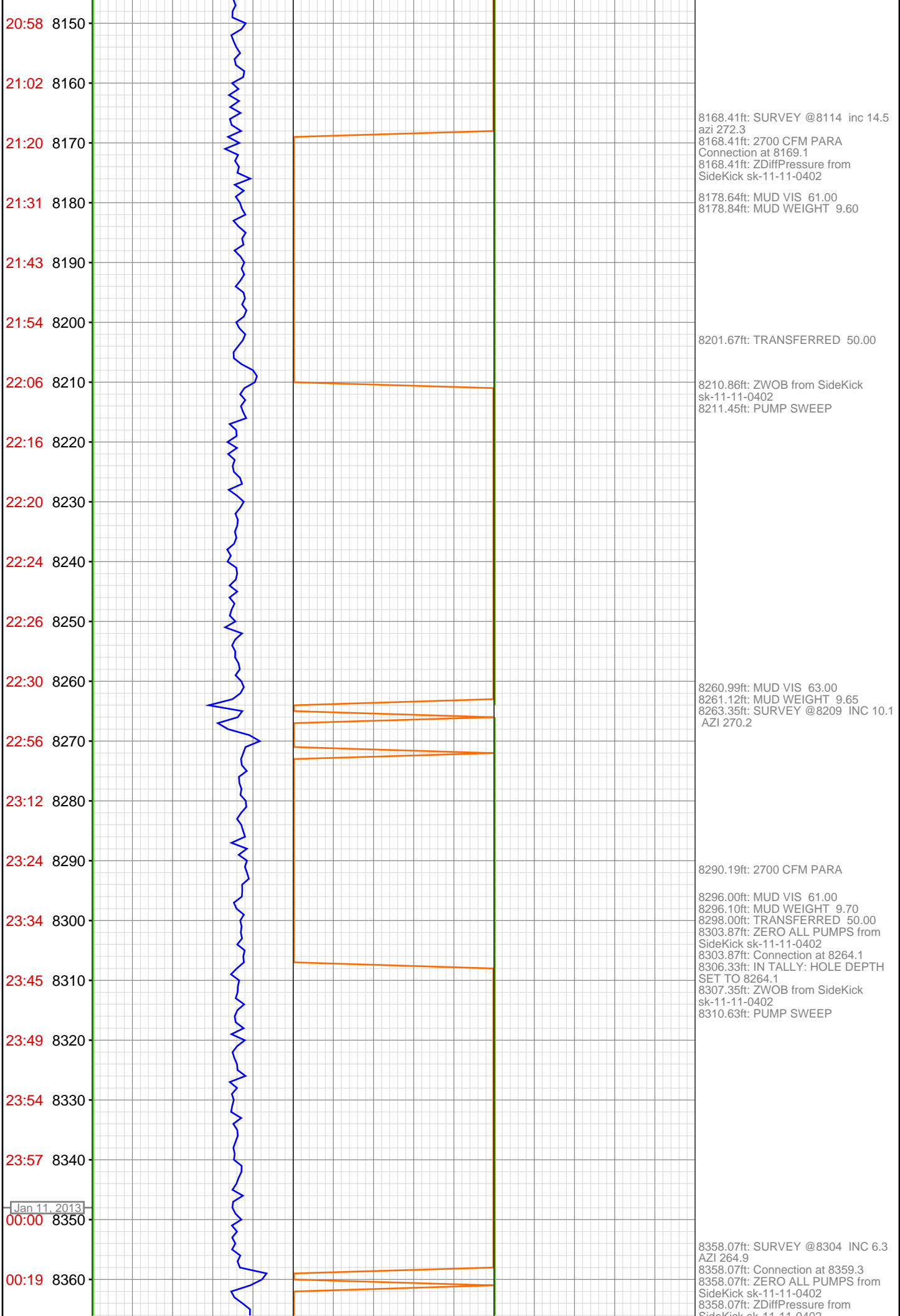


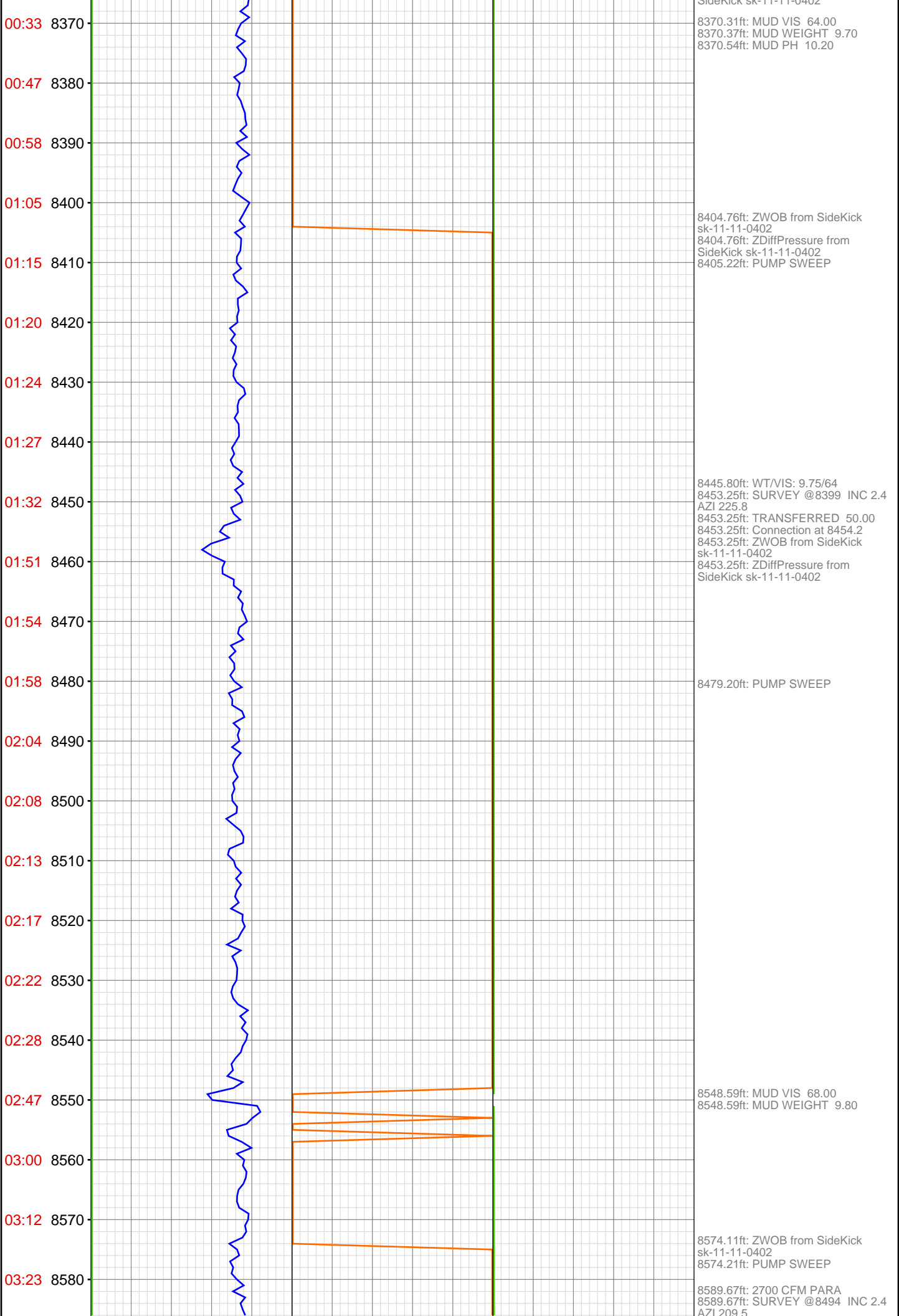


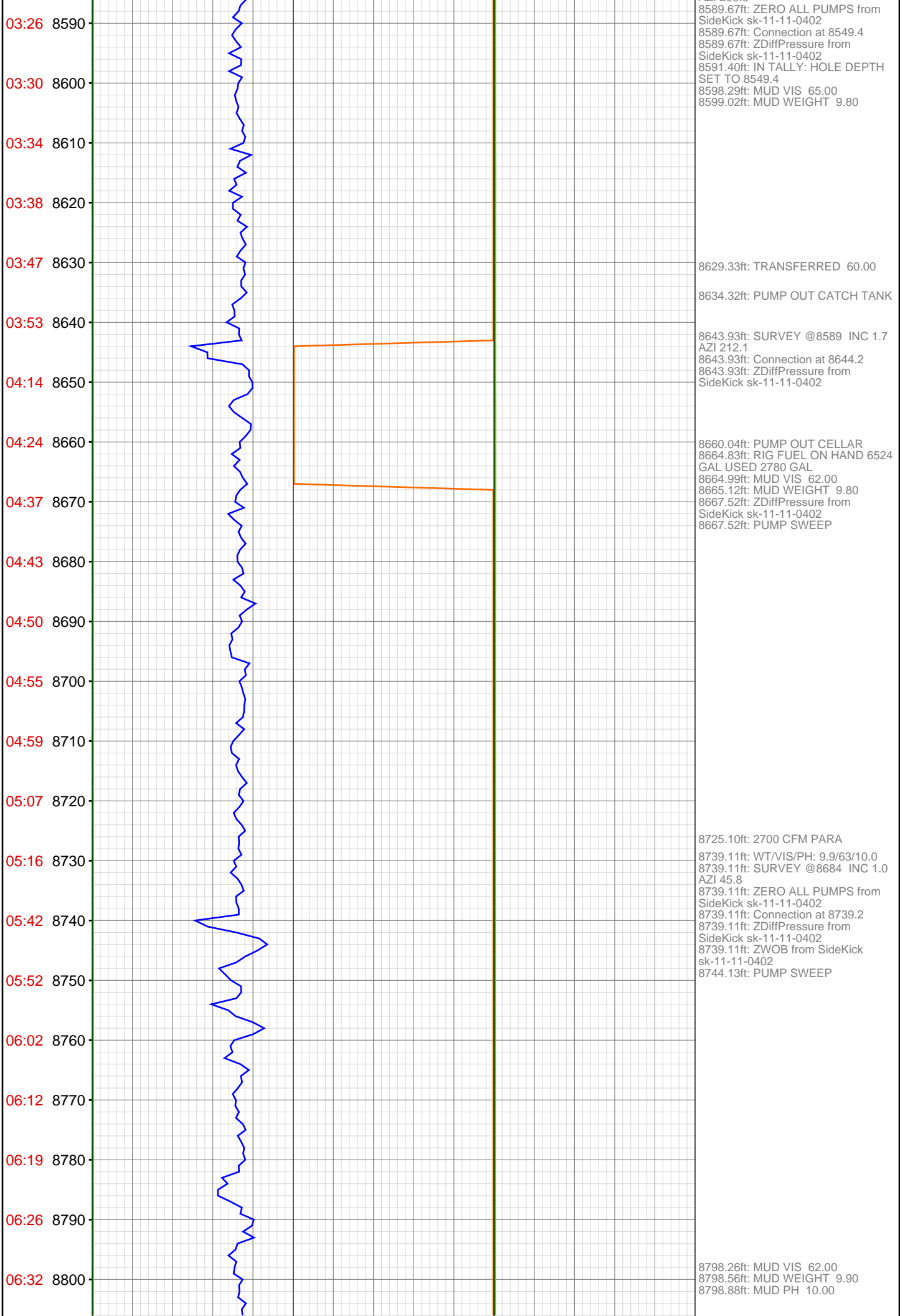


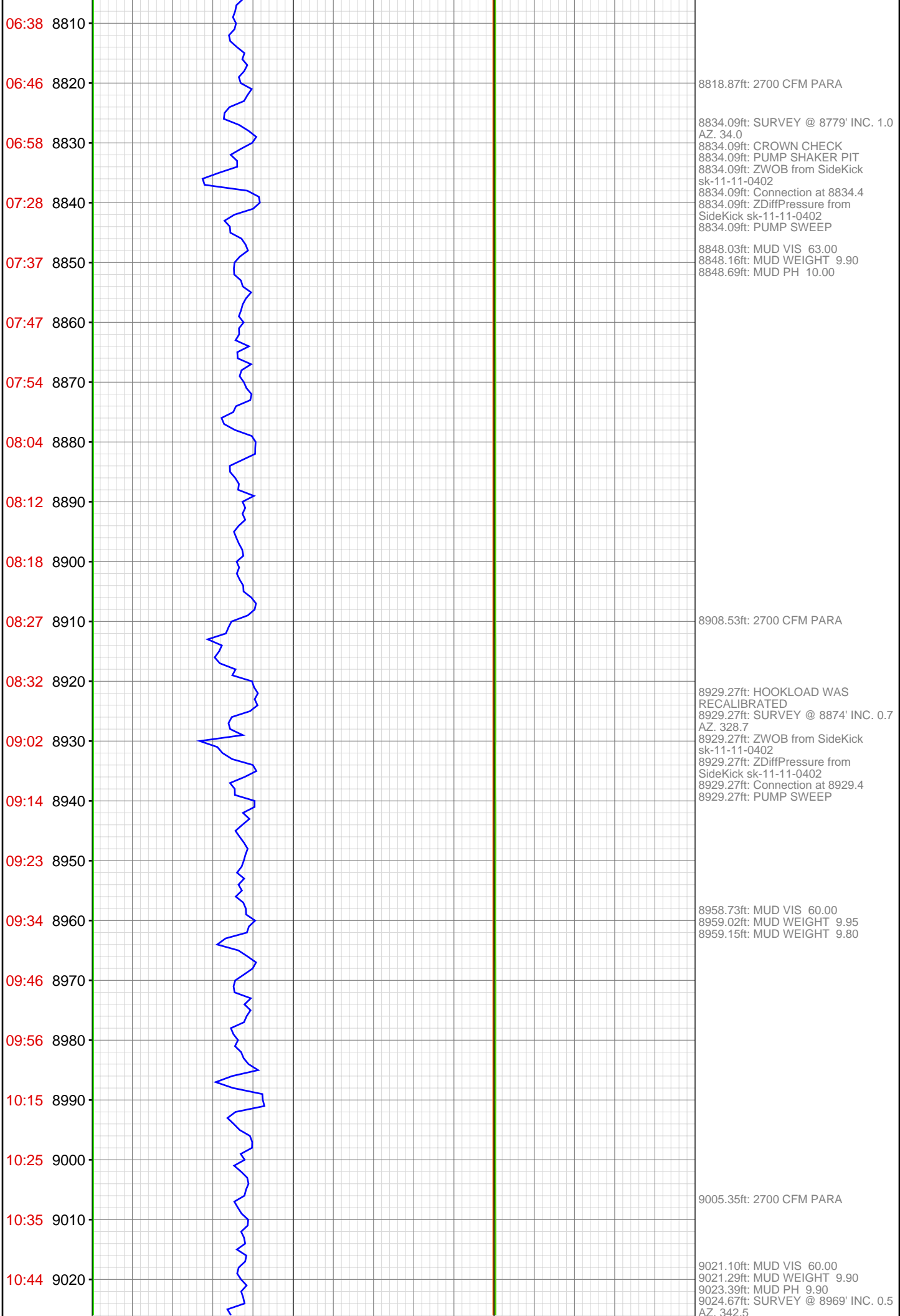


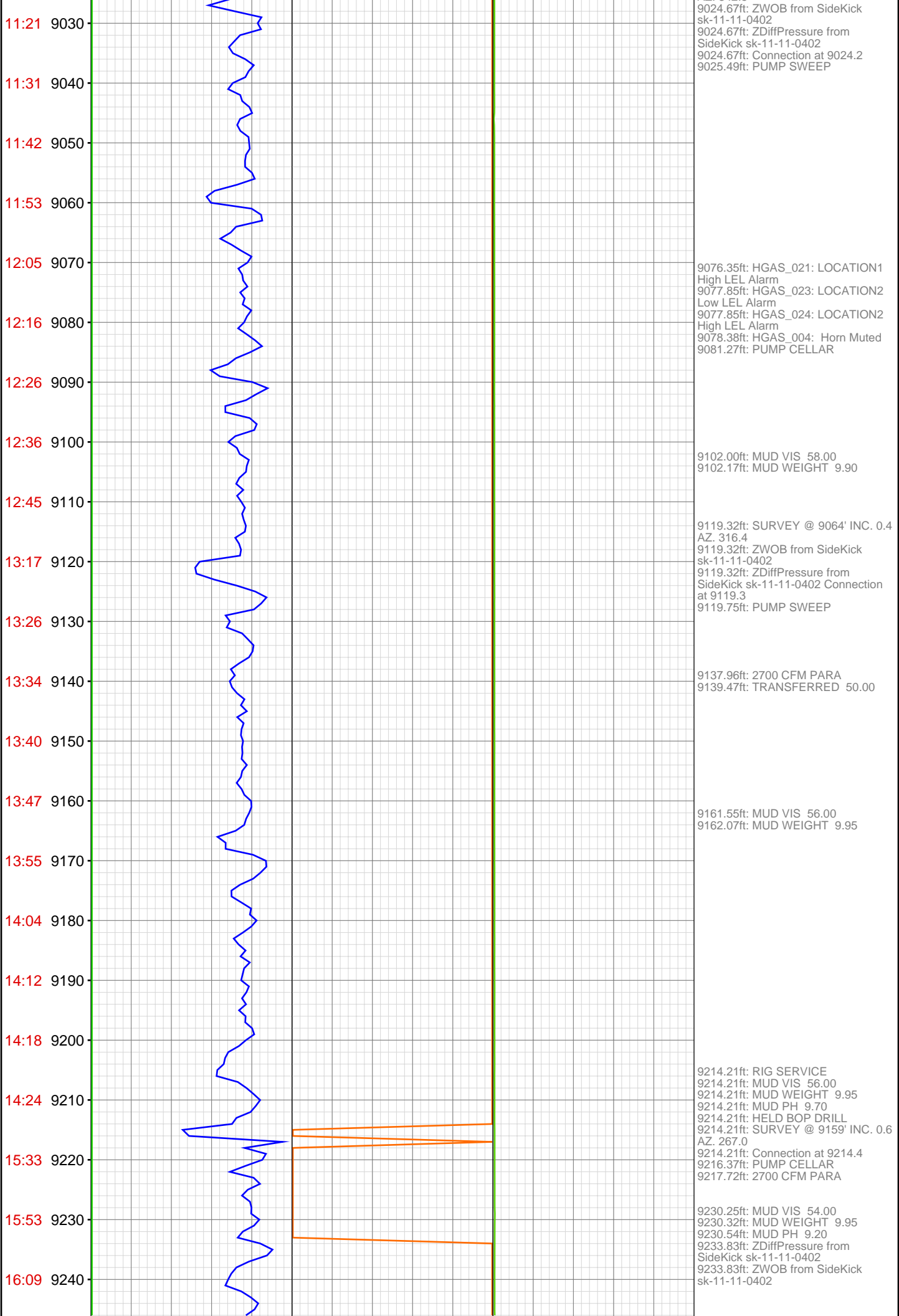


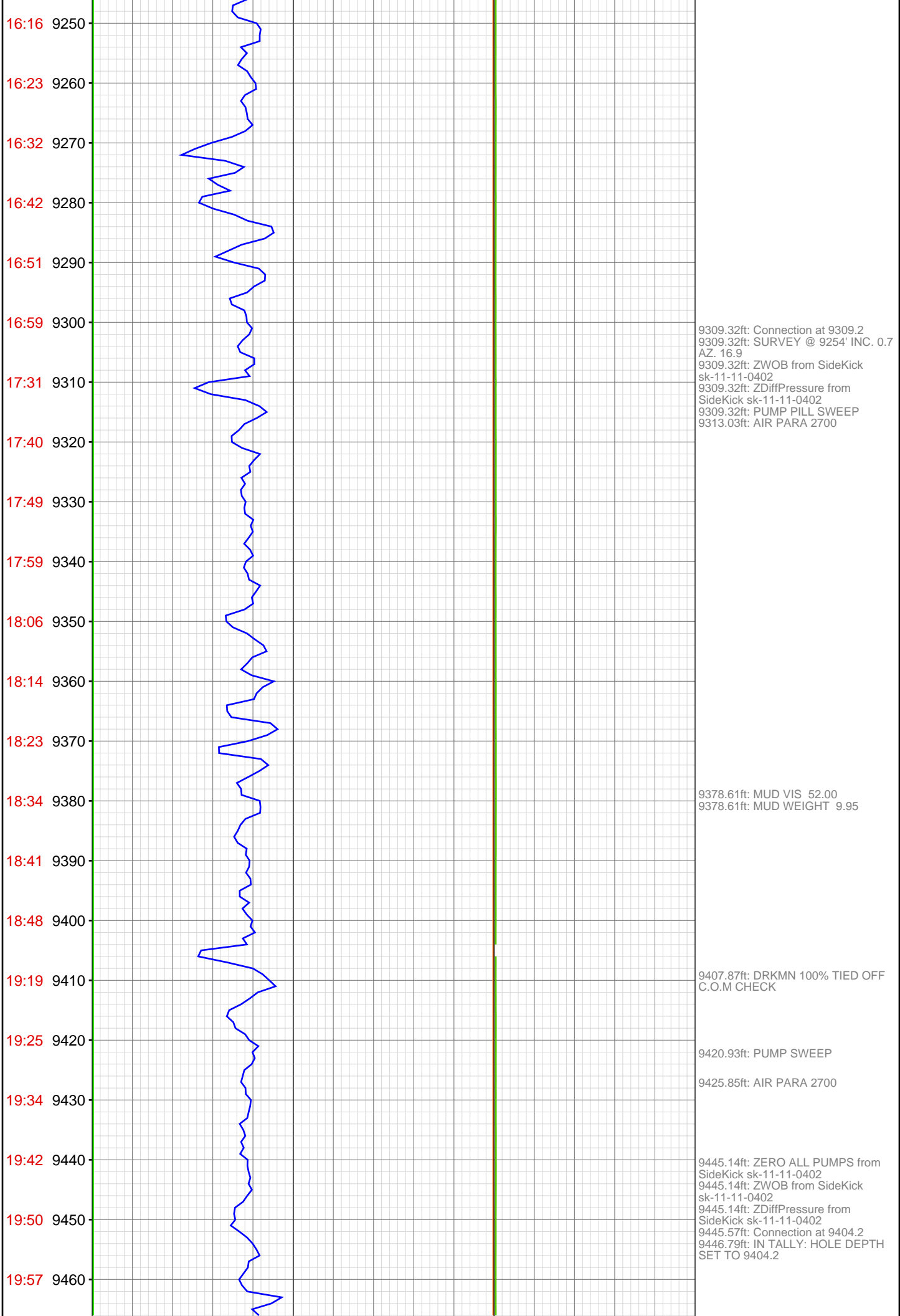


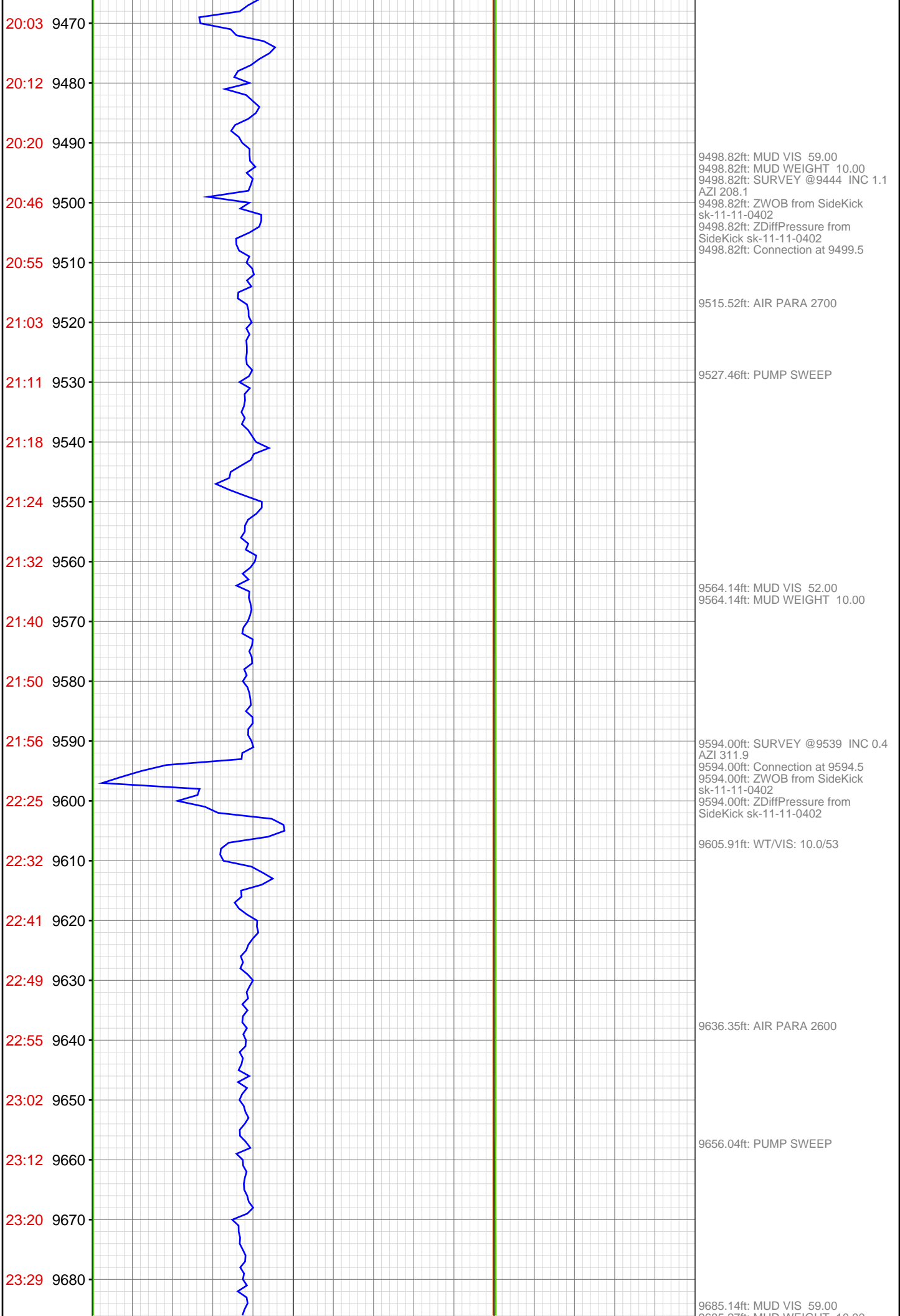


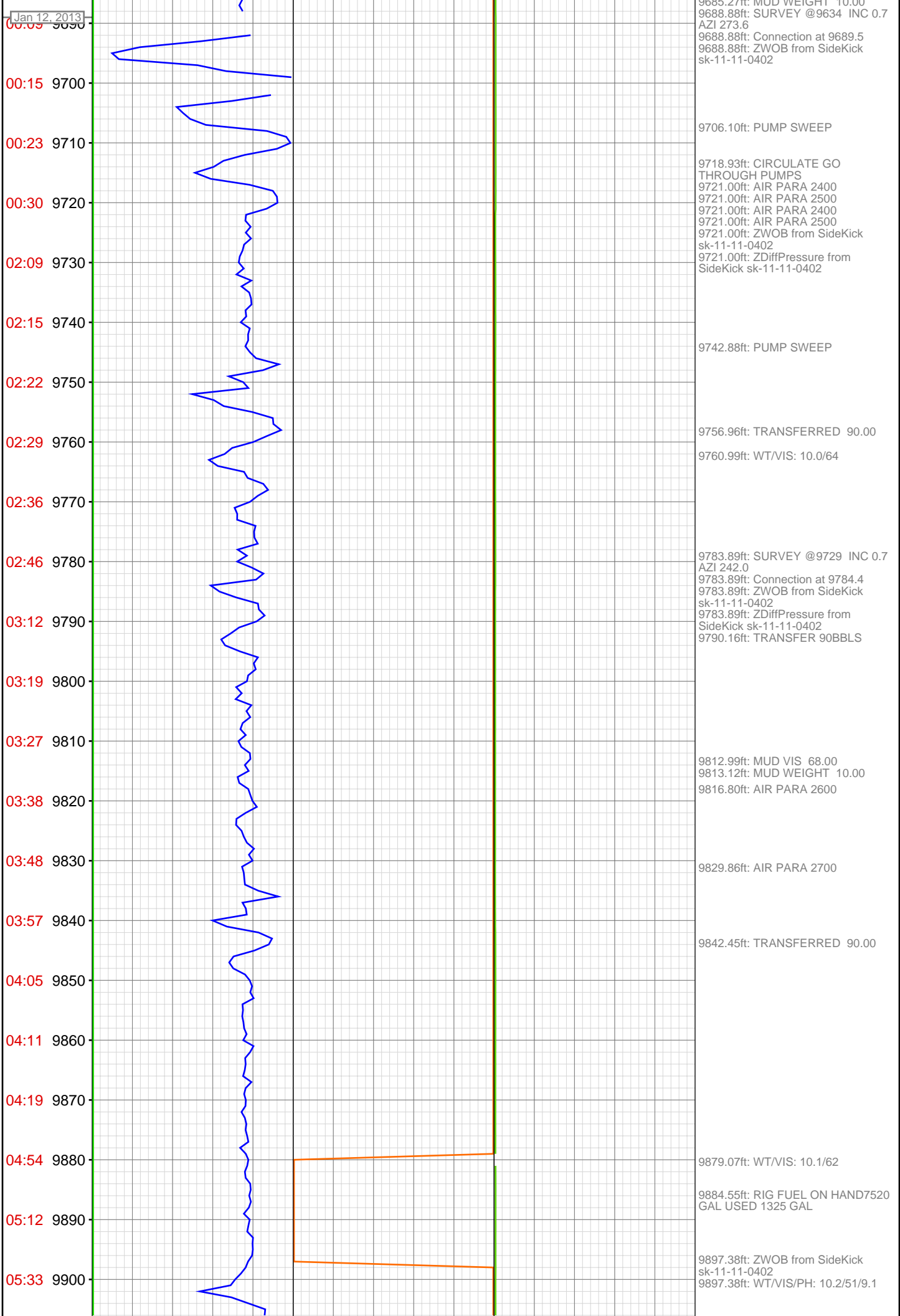


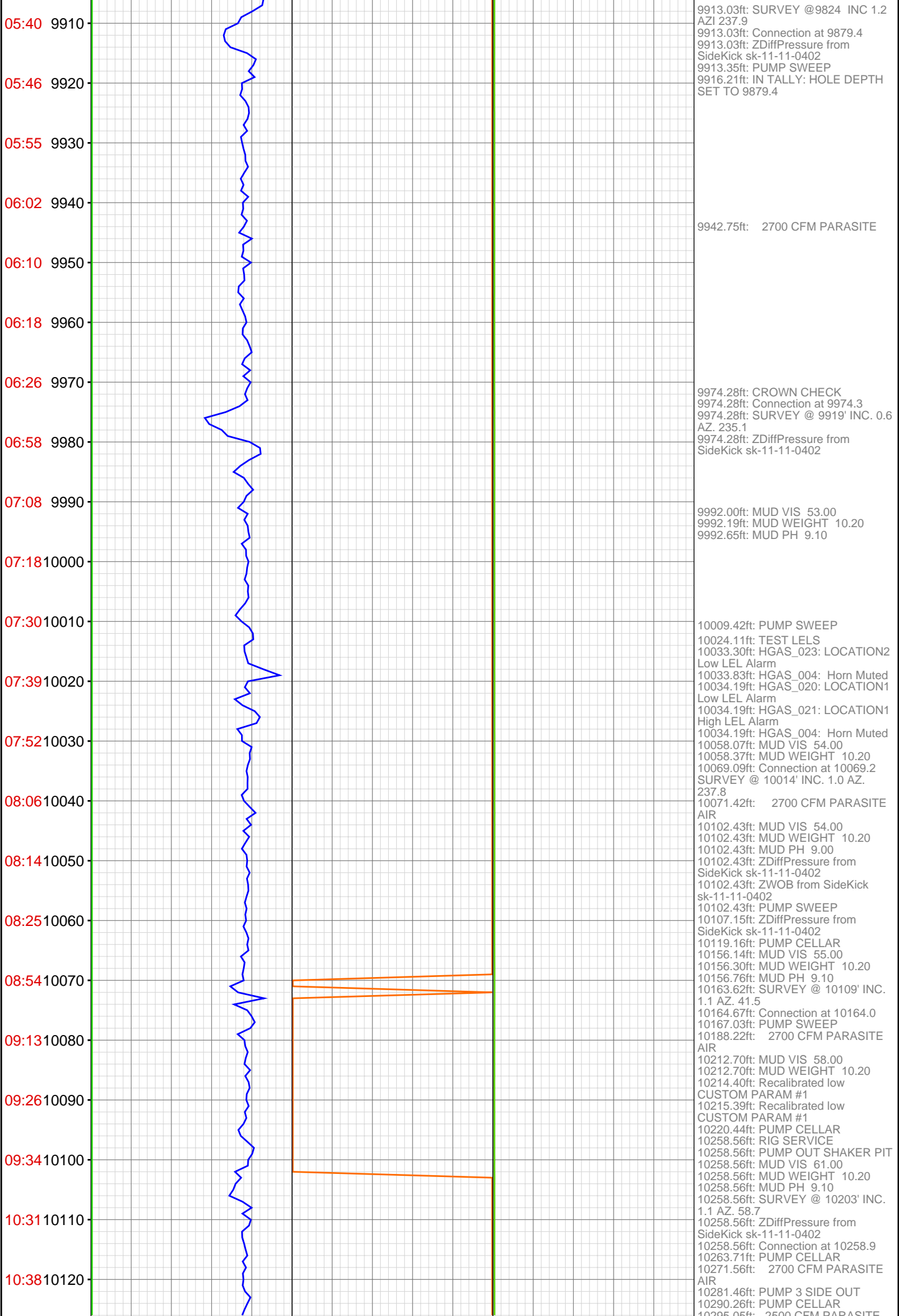


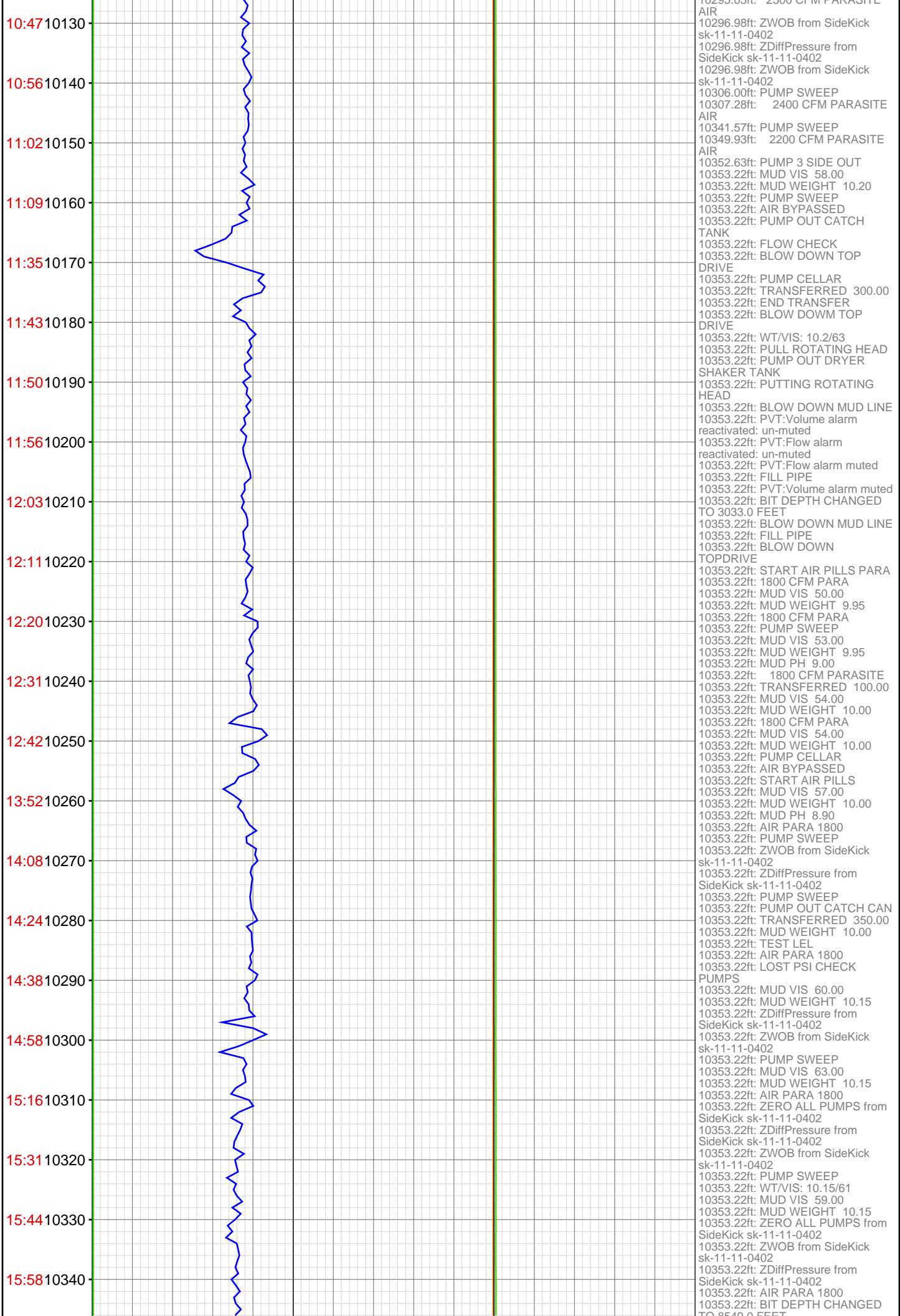


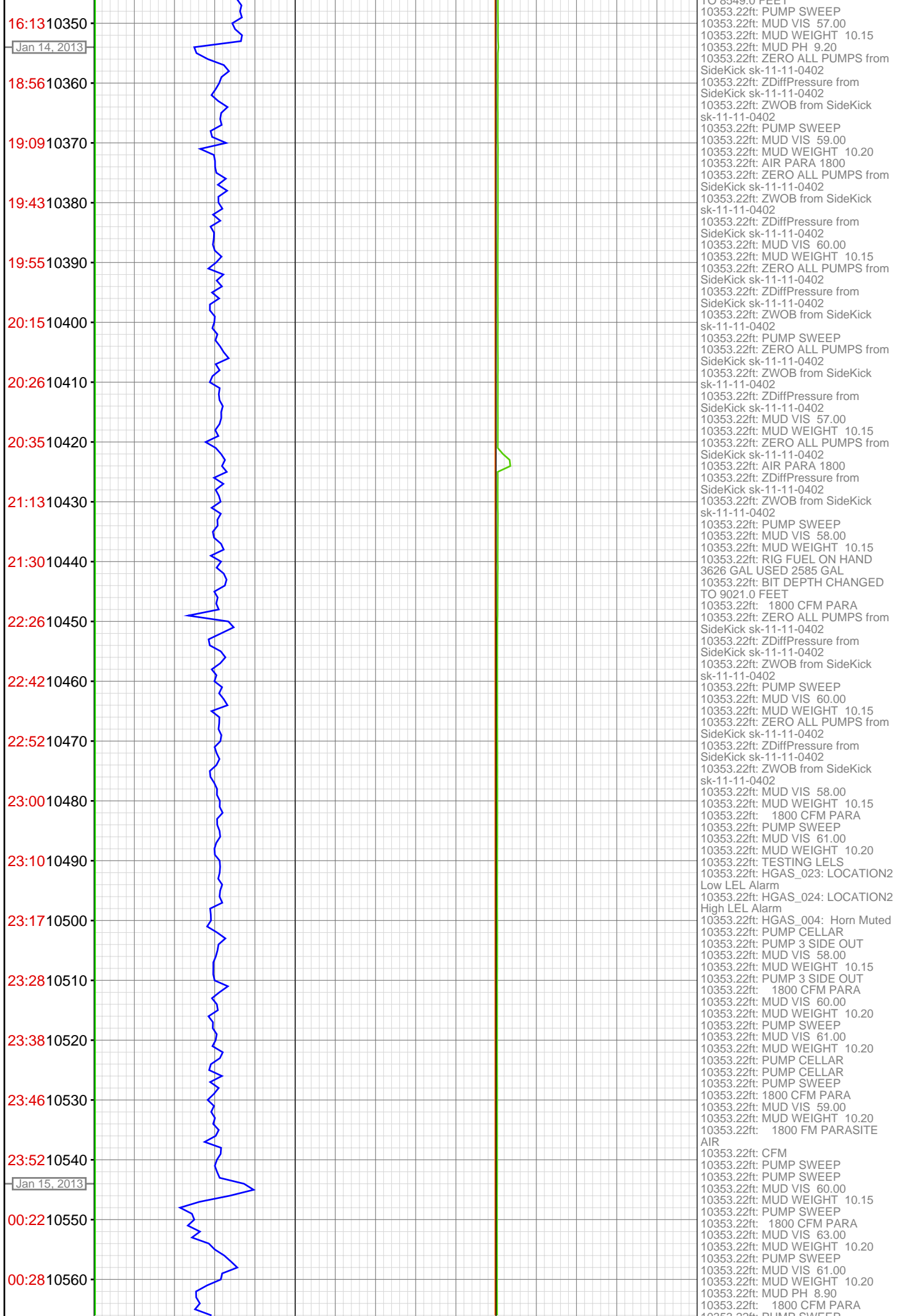


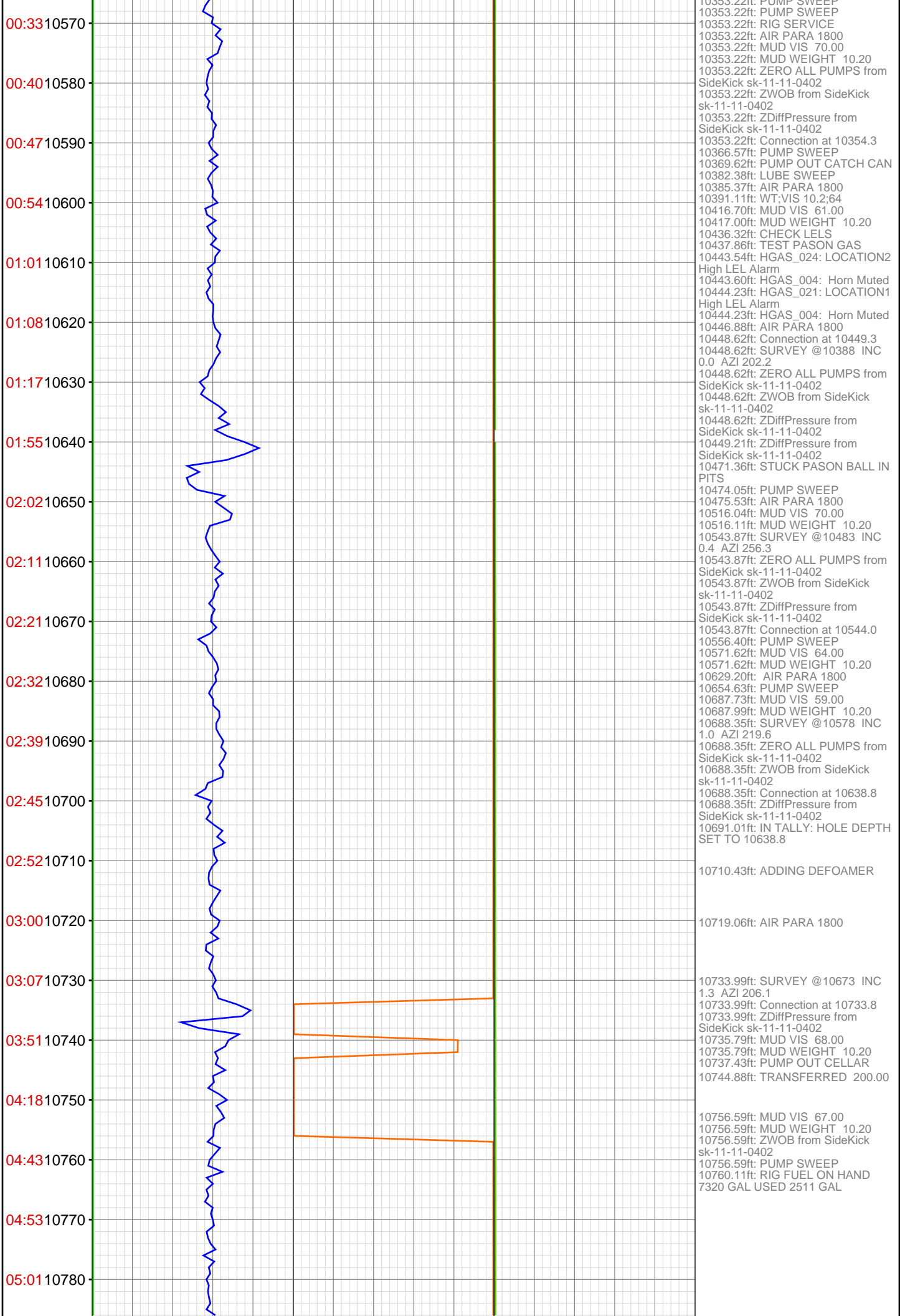


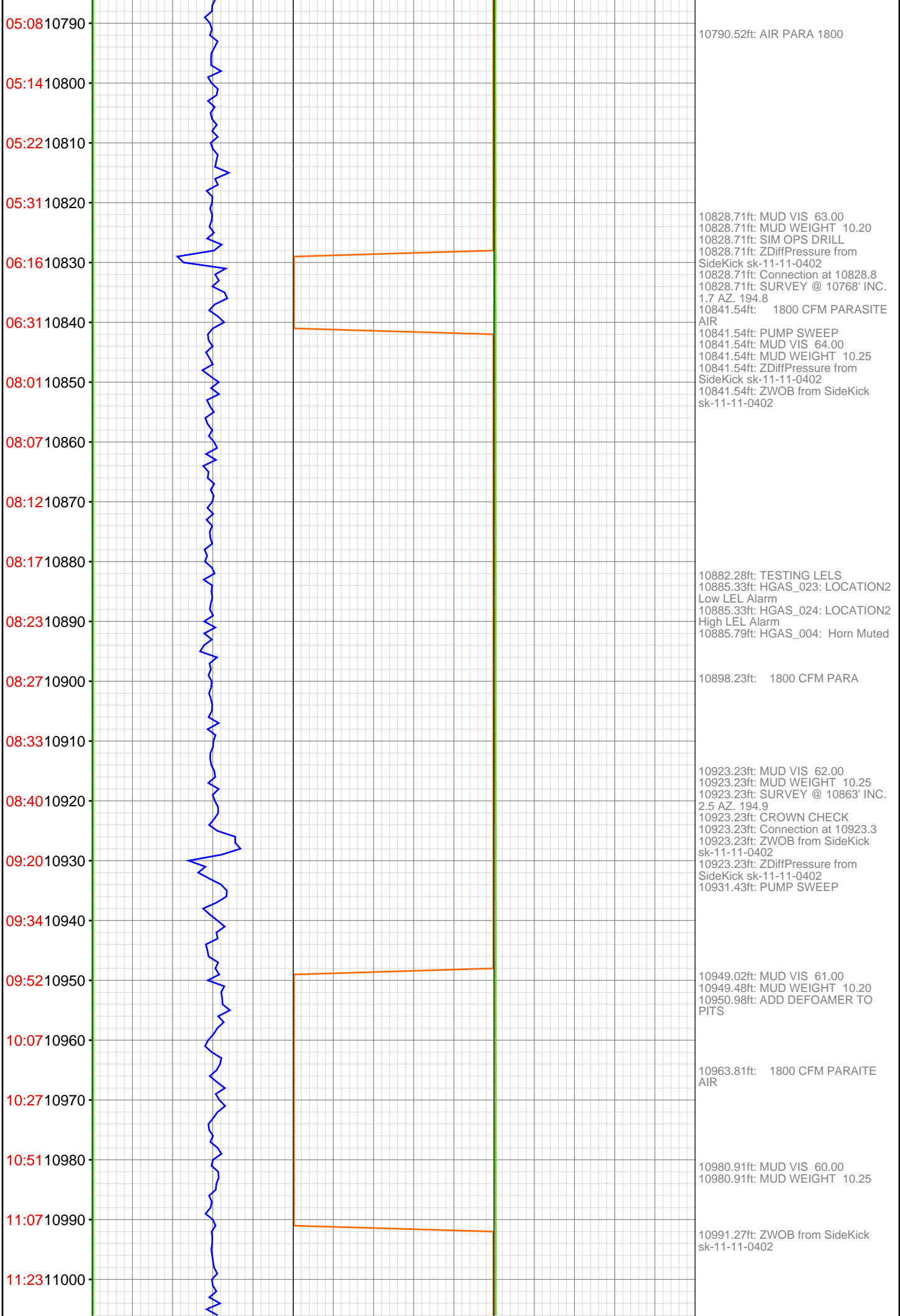


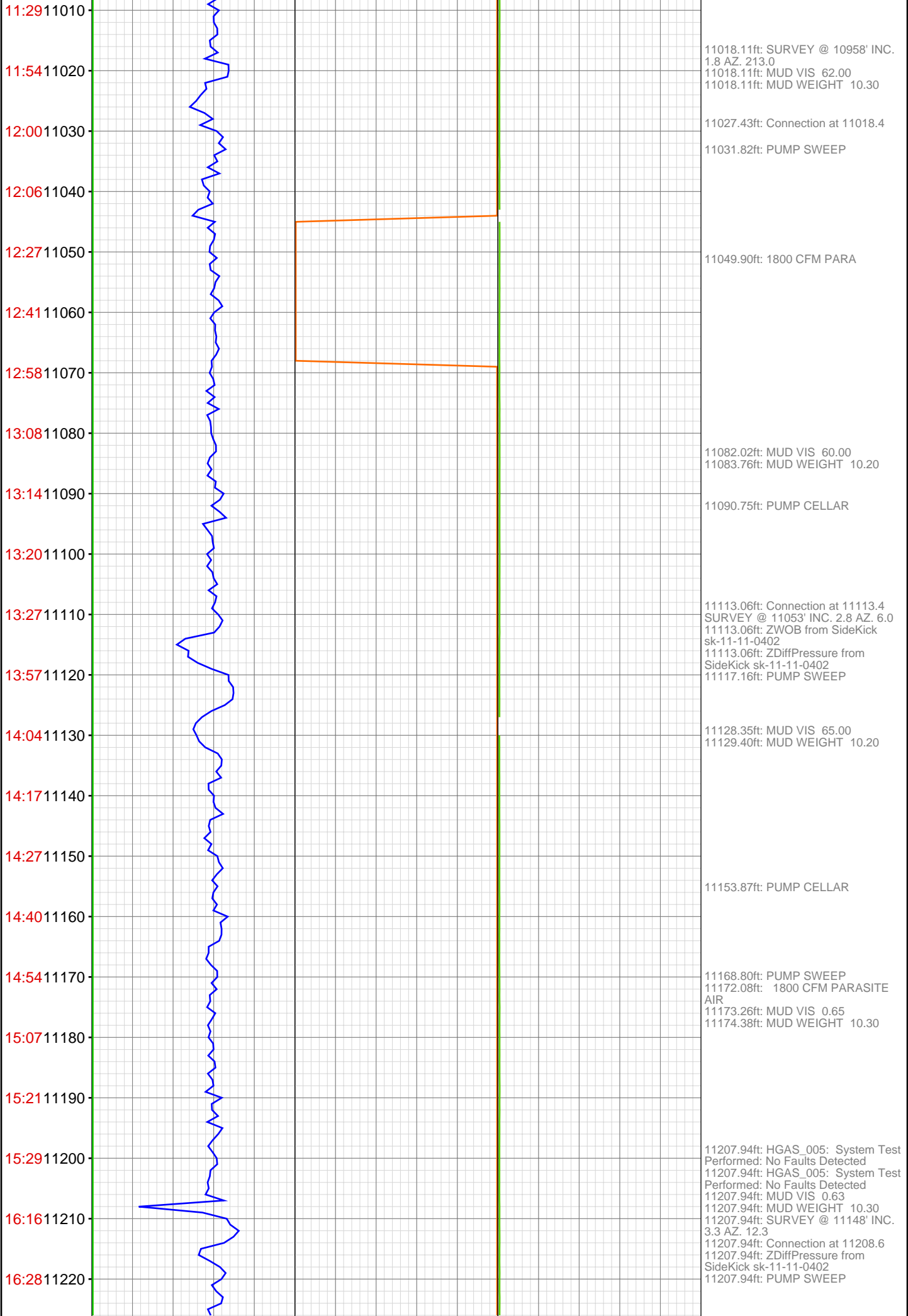


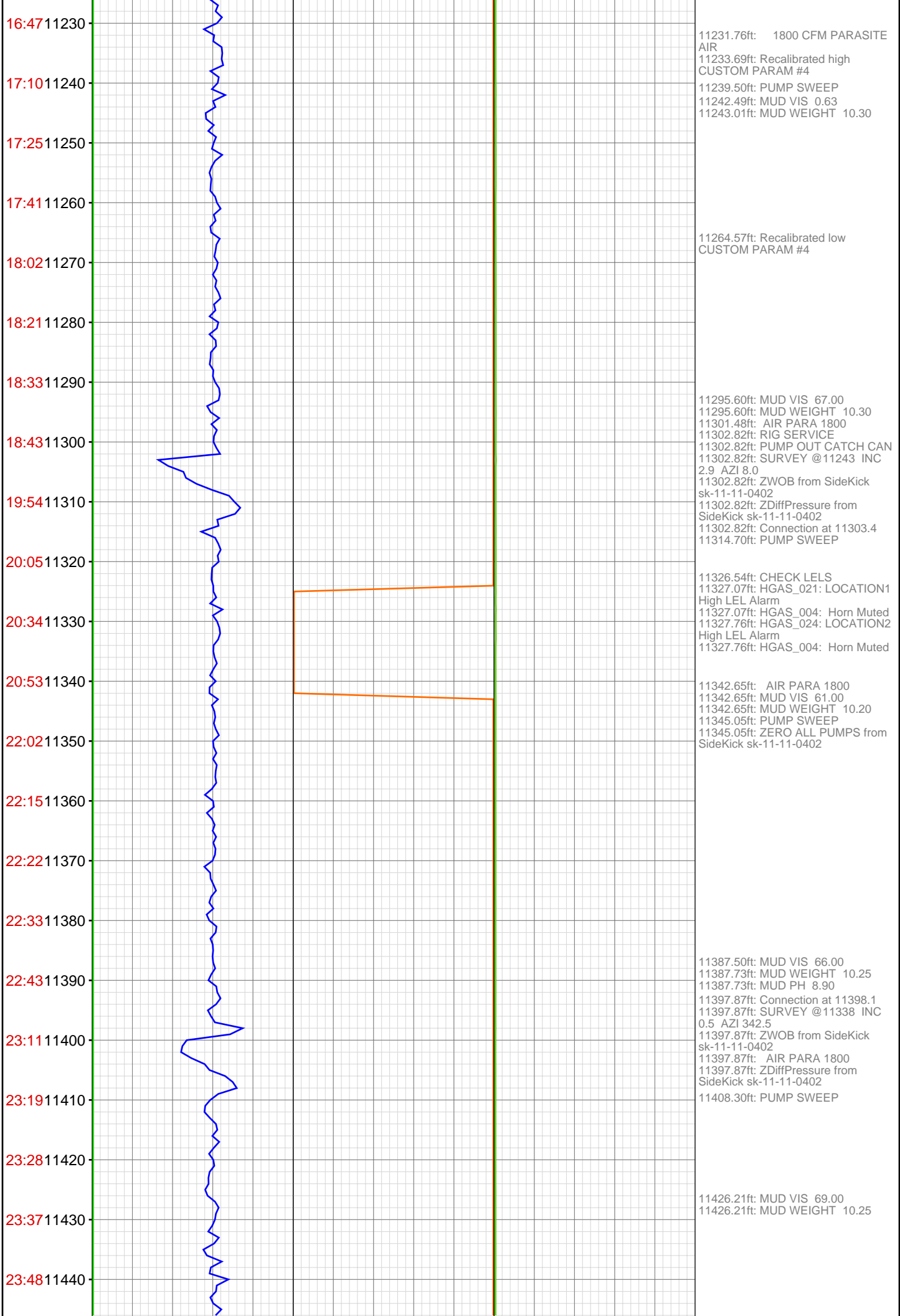


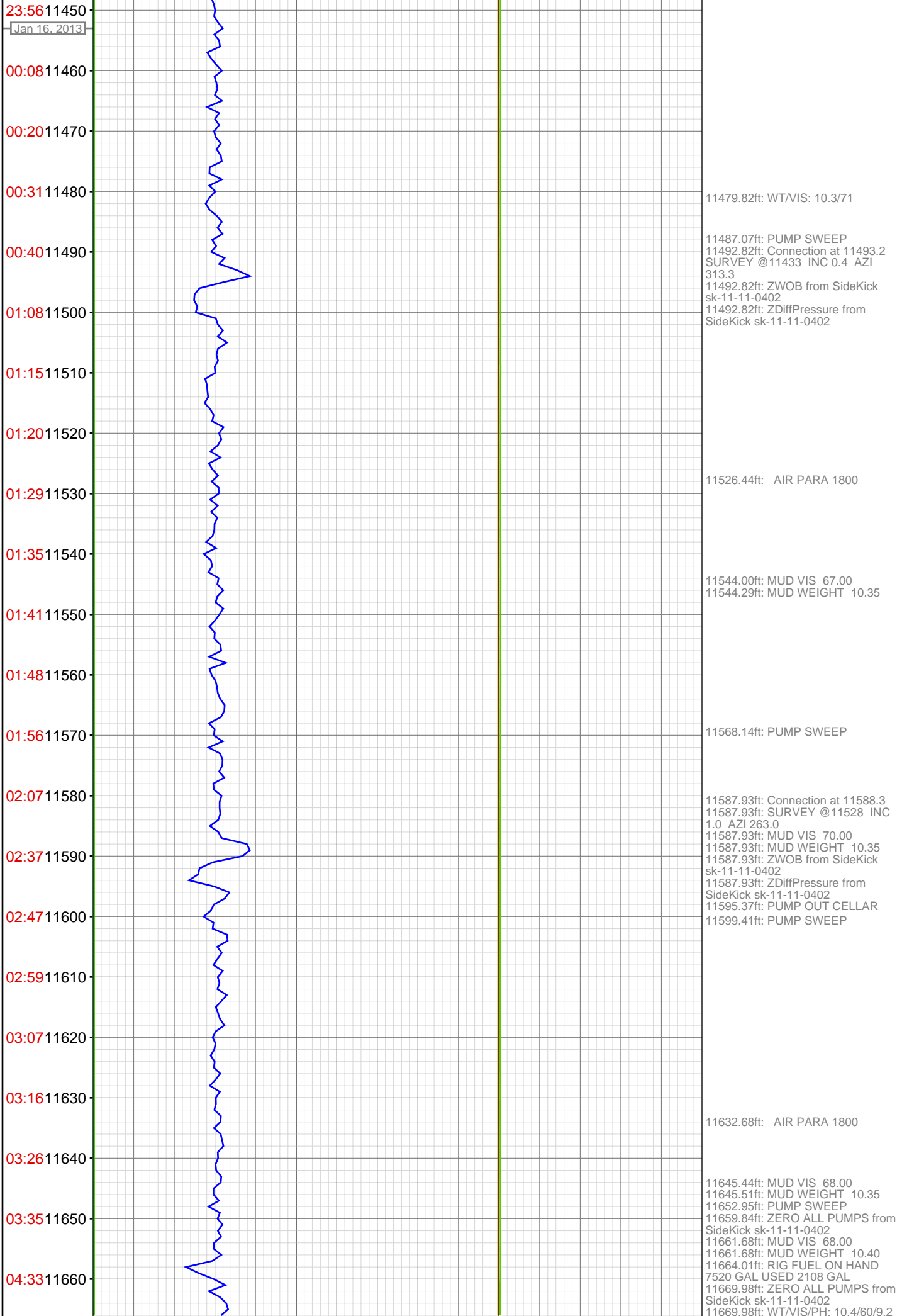


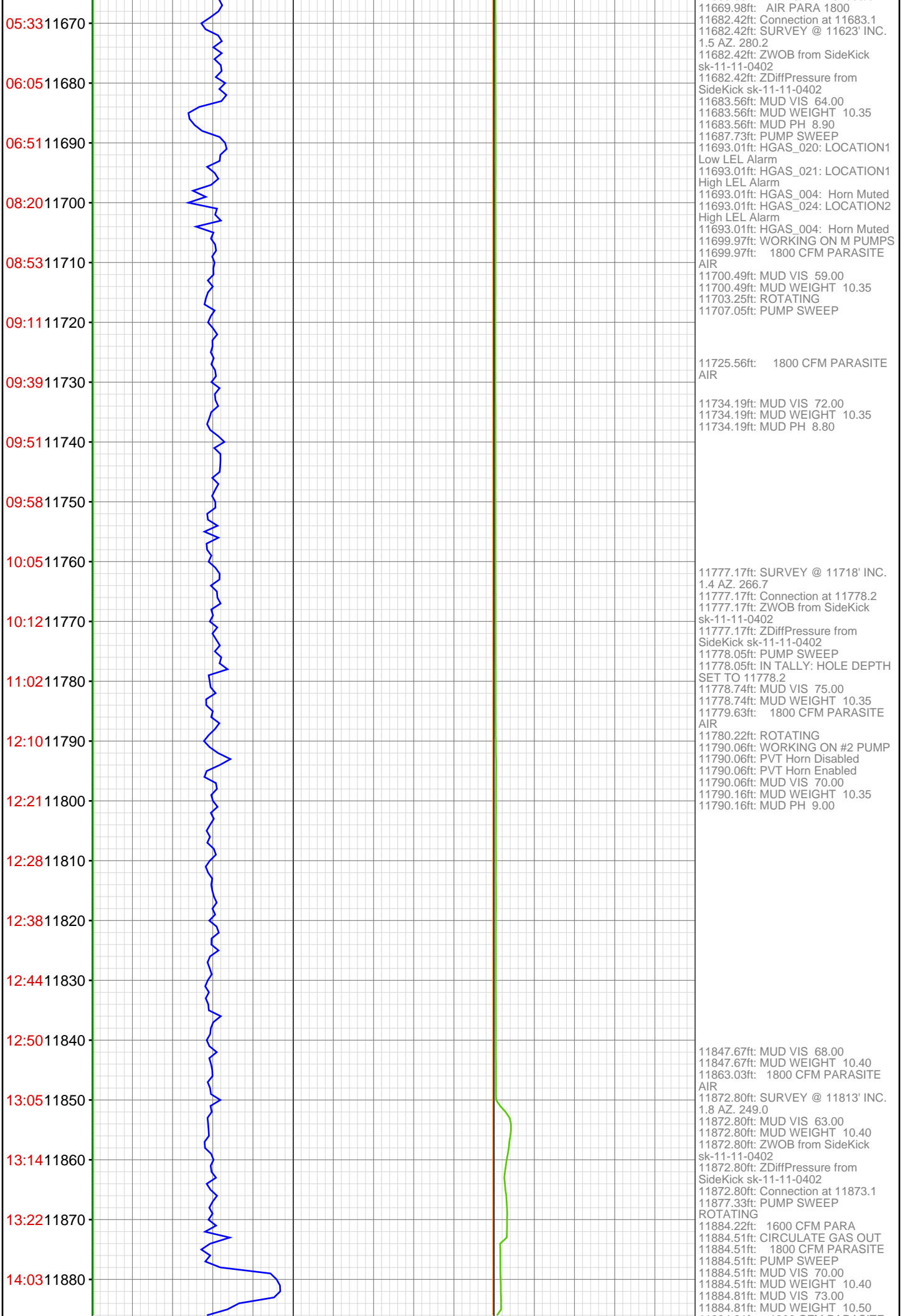


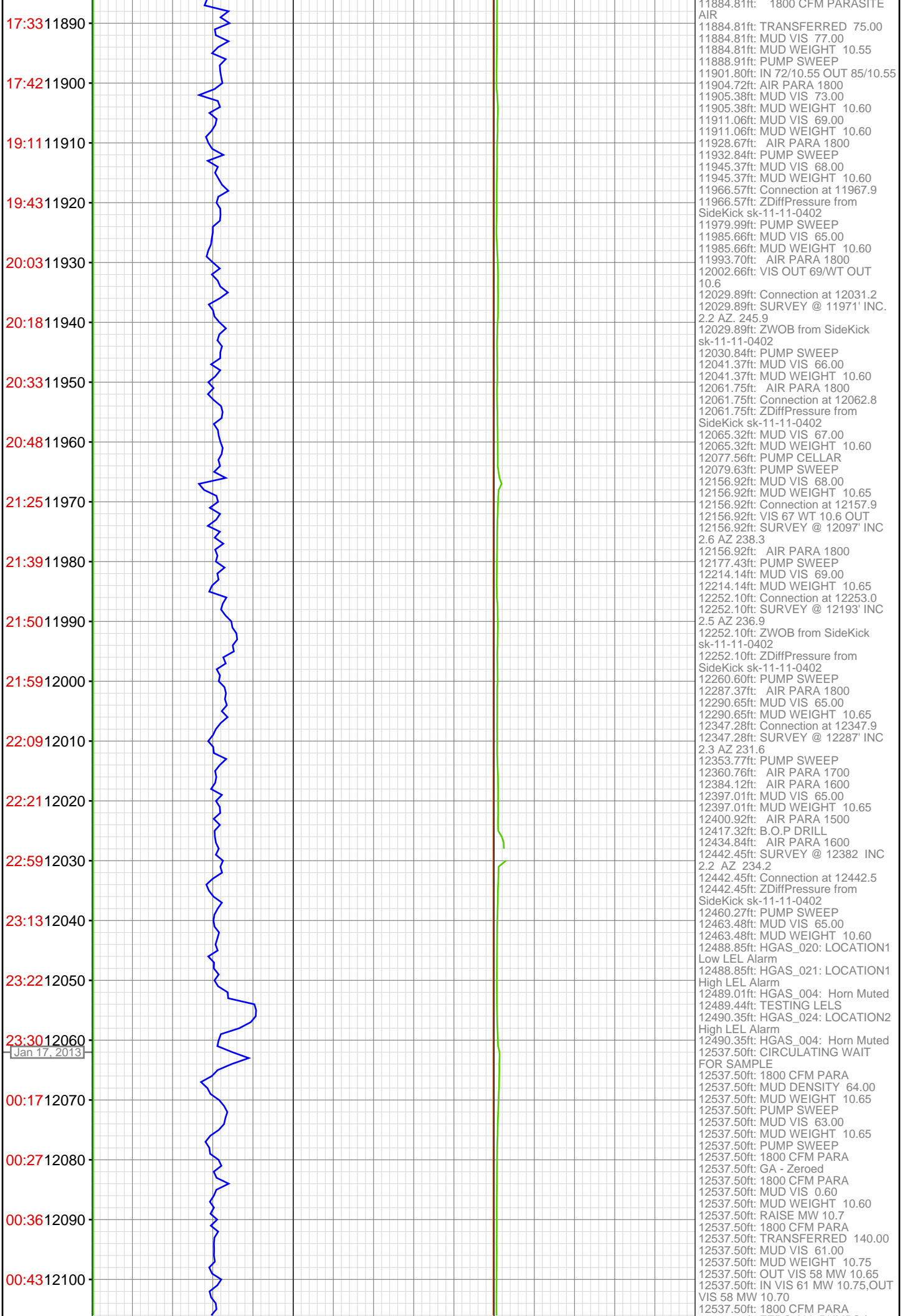


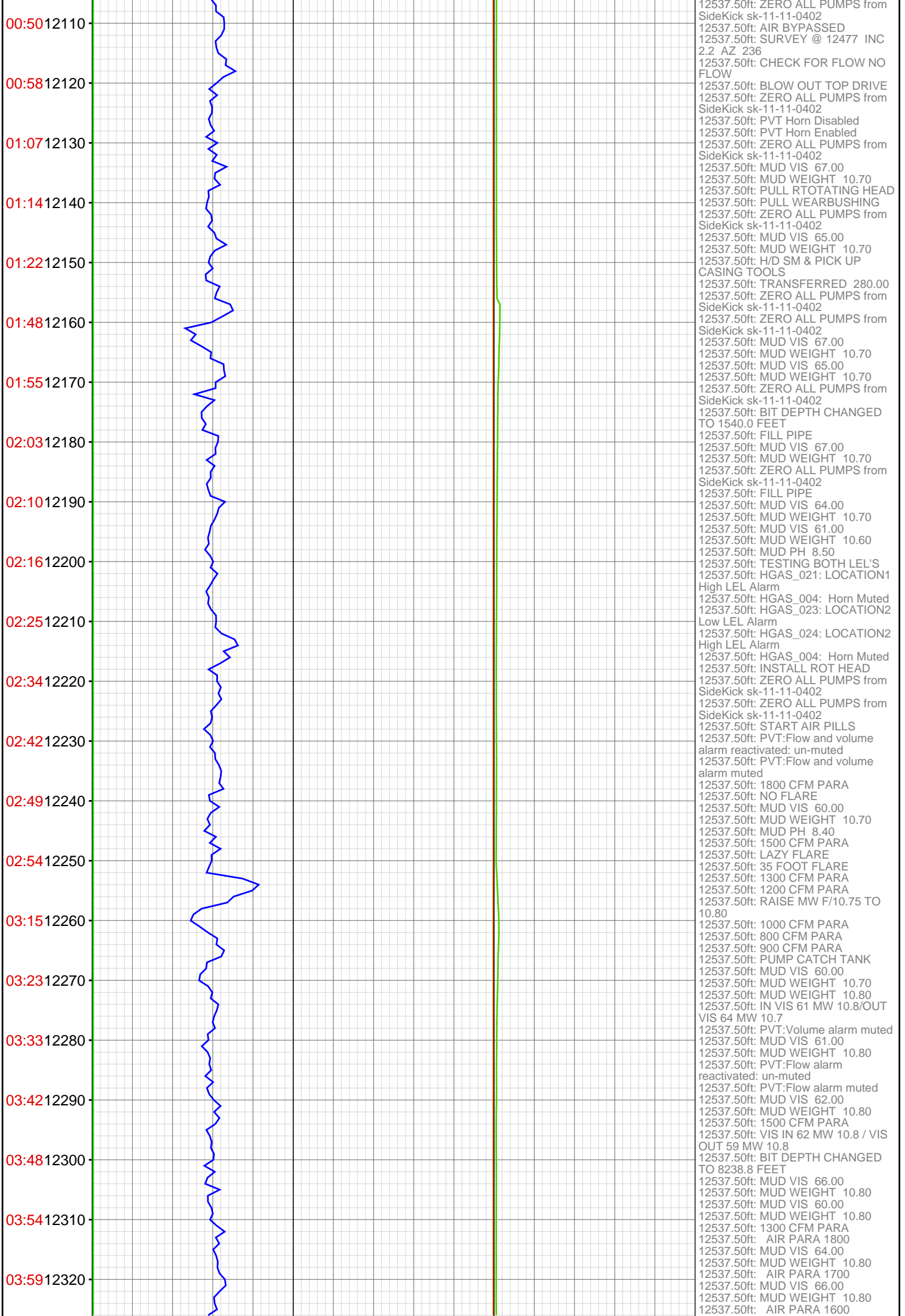


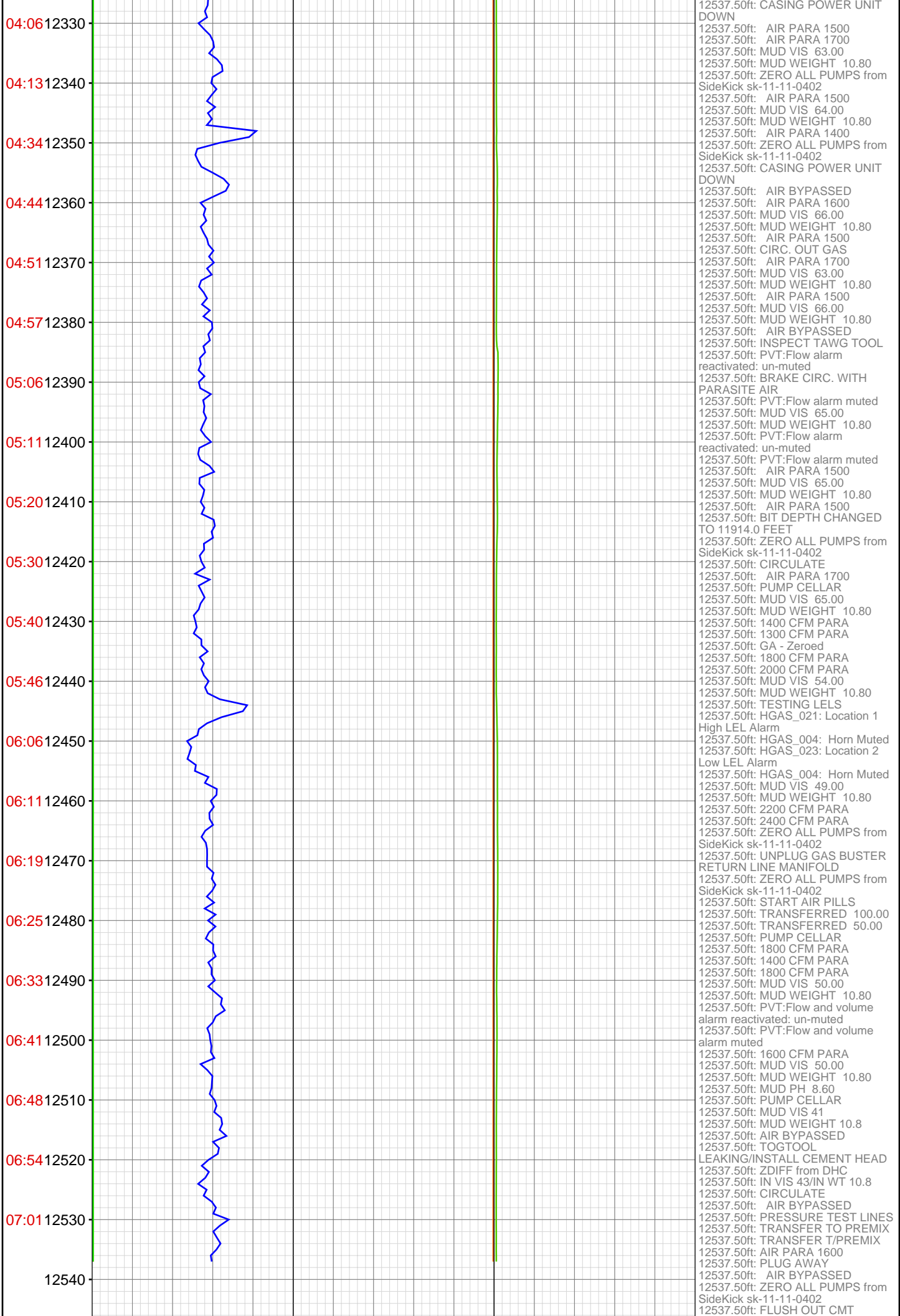












12537.50ft: CASING POWER UNIT
DOWN
12537.50ft: AIR PARA 1500
12537.50ft: AIR PARA 1700
12537.50ft: MUD VIS 63.00
12537.50ft: MUD WEIGHT 10.80
12537.50ft: ZERO ALL PUMPS from
SideKick sk-11-11-0402
12537.50ft: AIR PARA 1500
12537.50ft: MUD VIS 64.00
12537.50ft: MUD WEIGHT 10.80
12537.50ft: AIR PARA 1400
12537.50ft: ZERO ALL PUMPS from
SideKick sk-11-11-0402
12537.50ft: CASING POWER UNIT
DOWN
12537.50ft: AIR BYPASSED
12537.50ft: AIR PARA 1600
12537.50ft: MUD VIS 66.00
12537.50ft: MUD WEIGHT 10.80
12537.50ft: AIR PARA 1500
12537.50ft: CIRC. OUT GAS
12537.50ft: AIR PARA 1700
12537.50ft: MUD VIS 63.00
12537.50ft: MUD WEIGHT 10.80
12537.50ft: AIR PARA 1500
12537.50ft: MUD VIS 66.00
12537.50ft: MUD WEIGHT 10.80
12537.50ft: AIR BYPASSED
12537.50ft: INSPECT TAWG TOOL
12537.50ft: PVT:Flow alarm
reactivated: un-muted
12537.50ft: BRAKE CIRC. WITH
PARASITE AIR
12537.50ft: PVT:Flow alarm muted
12537.50ft: MUD VIS 65.00
12537.50ft: MUD WEIGHT 10.80
12537.50ft: PVT:Flow alarm
reactivated: un-muted
12537.50ft: PVT:Flow alarm muted
12537.50ft: AIR PARA 1500
12537.50ft: MUD VIS 65.00
12537.50ft: MUD WEIGHT 10.80
12537.50ft: AIR PARA 1500
12537.50ft: BIT DEPTH CHANGED
TO 11914.0 FEET
12537.50ft: ZERO ALL PUMPS from
SideKick sk-11-11-0402
12537.50ft: CIRCULATE
12537.50ft: AIR PARA 1700
12537.50ft: PUMP CELLAR
12537.50ft: MUD VIS 65.00
12537.50ft: MUD WEIGHT 10.80
12537.50ft: 1400 CFM PARA
12537.50ft: 1300 CFM PARA
12537.50ft: GA - Zeroed
12537.50ft: 1800 CFM PARA
12537.50ft: 2000 CFM PARA
12537.50ft: MUD VIS 54.00
12537.50ft: MUD WEIGHT 10.80
12537.50ft: TESTING LELS
12537.50ft: HGAS_021: Location 1
High LEL Alarm
12537.50ft: HGAS_004: Horn Muted
12537.50ft: HGAS_023: Location 2
Low LEL Alarm
12537.50ft: HGAS_004: Horn Muted
12537.50ft: MUD VIS 49.00
12537.50ft: MUD WEIGHT 10.80
12537.50ft: 2200 CFM PARA
12537.50ft: 2400 CFM PARA
12537.50ft: ZERO ALL PUMPS from
SideKick sk-11-11-0402
12537.50ft: UNPLUG GAS BUSTER
RETURN LINE MANIFOLD
12537.50ft: ZERO ALL PUMPS from
SideKick sk-11-11-0402
12537.50ft: START AIR PILLS
12537.50ft: TRANSFERRED 100.00
12537.50ft: TRANSFERRED 50.00
12537.50ft: PUMP CELLAR
12537.50ft: 1800 CFM PARA
12537.50ft: 1400 CFM PARA
12537.50ft: 1800 CFM PARA
12537.50ft: MUD VIS 50.00
12537.50ft: MUD WEIGHT 10.80
12537.50ft: PVT:Flow and volume
alarm reactivated: un-muted
12537.50ft: PVT:Flow and volume
alarm muted
12537.50ft: 1600 CFM PARA
12537.50ft: MUD VIS 50.00
12537.50ft: MUD WEIGHT 10.80
12537.50ft: MUD PH 8.60
12537.50ft: PUMP CELLAR
12537.50ft: MUD VIS 41
12537.50ft: MUD WEIGHT 10.8
12537.50ft: AIR BYPASSED
12537.50ft: TOGTOOL
LEAKING/INSTALL CEMENT HEAD
12537.50ft: ZDIFF from DHC
12537.50ft: IN VIS 43/IN WT 10.8
12537.50ft: CIRCULATE
12537.50ft: AIR BYPASSED
12537.50ft: PRESSURE TEST LINES
12537.50ft: TRANSFER TO PREMIX
12537.50ft: TRANSFER T/PREMIX
12537.50ft: AIR PARA 1600
12537.50ft: PLUG AWAY
12537.50ft: AIR BYPASSED
12537.50ft: ZERO ALL PUMPS from
SideKick sk-11-11-0402
12537.50ft: FLUSH OUT CMT

