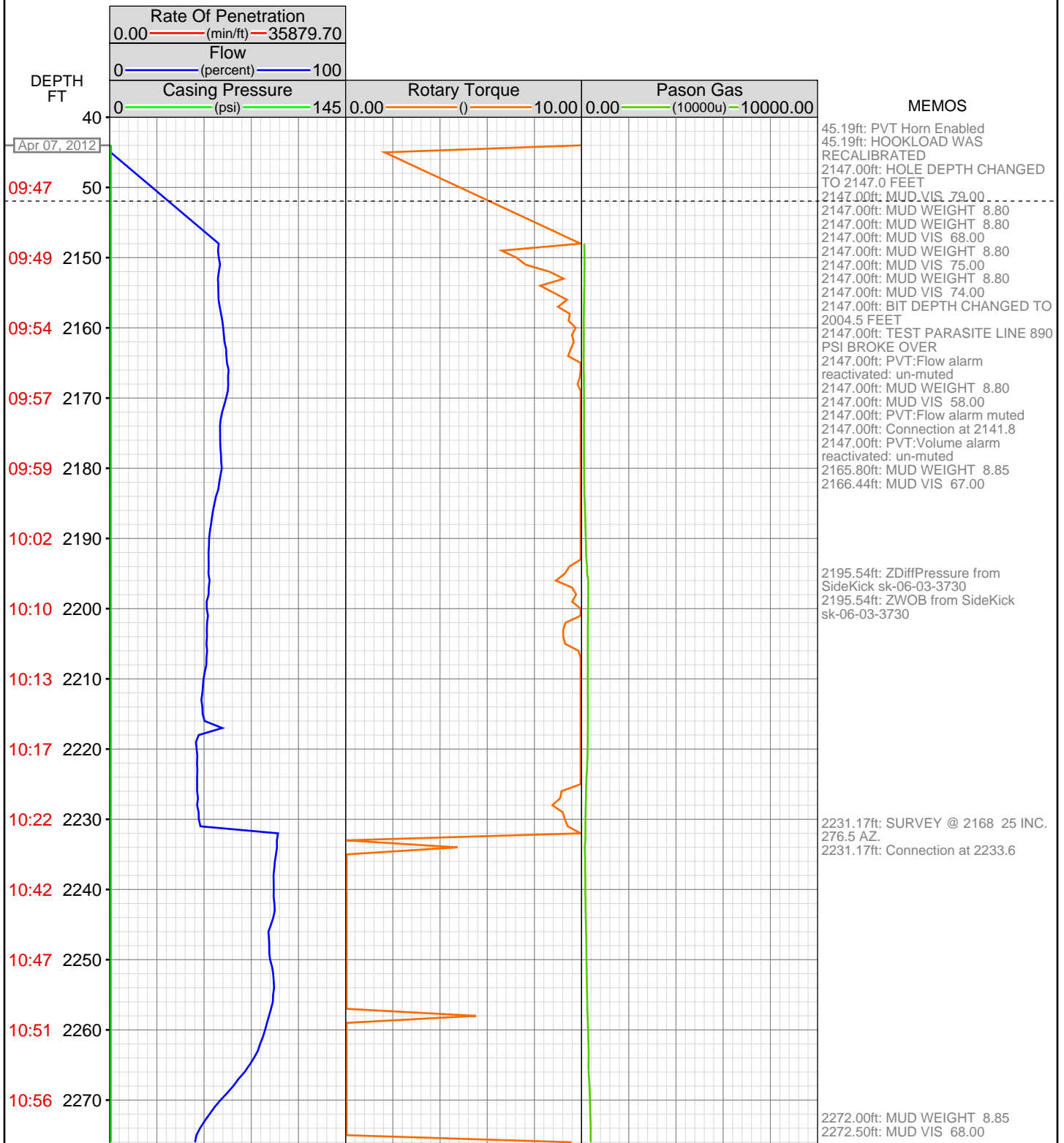


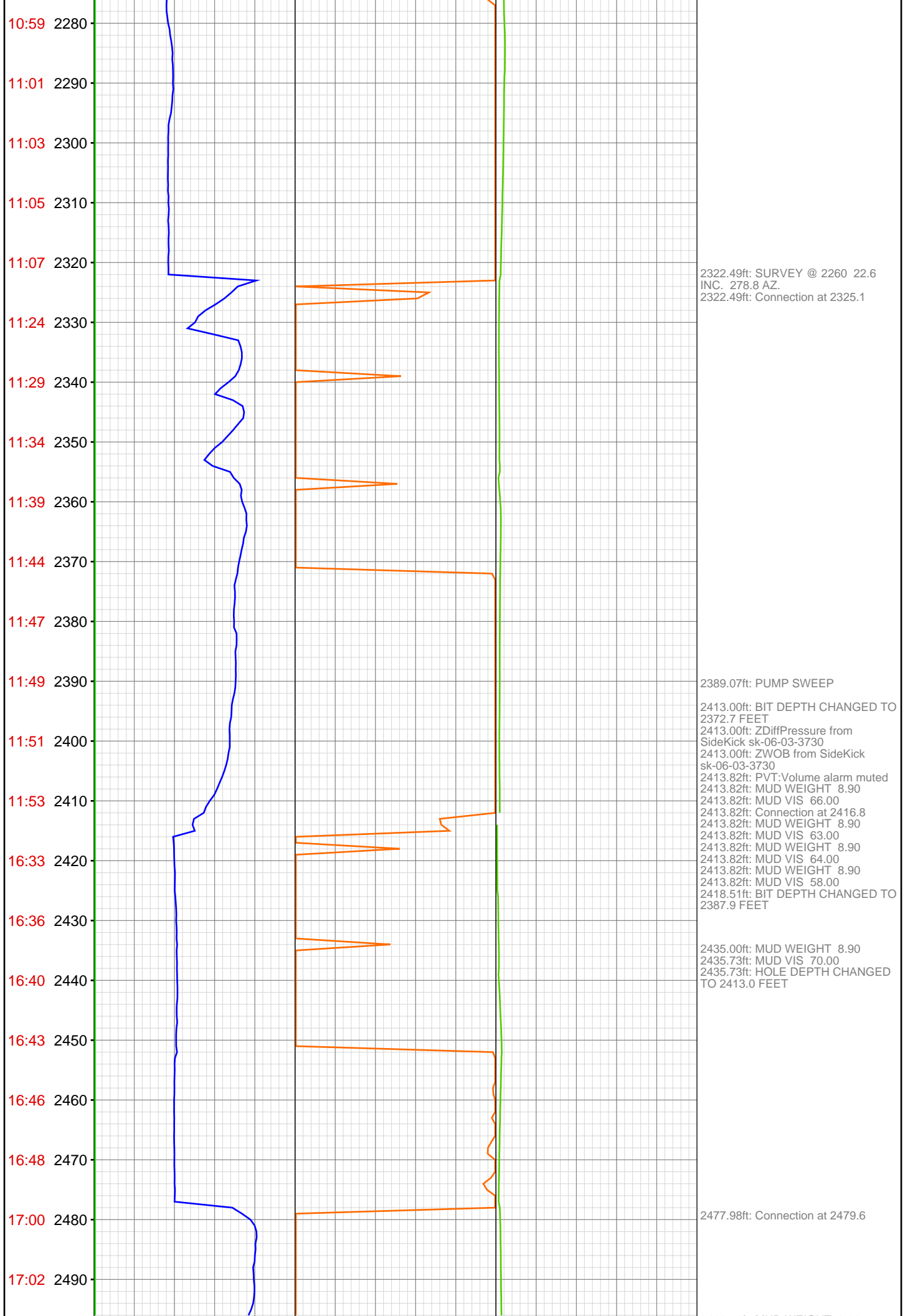
# DataHub EDR Log

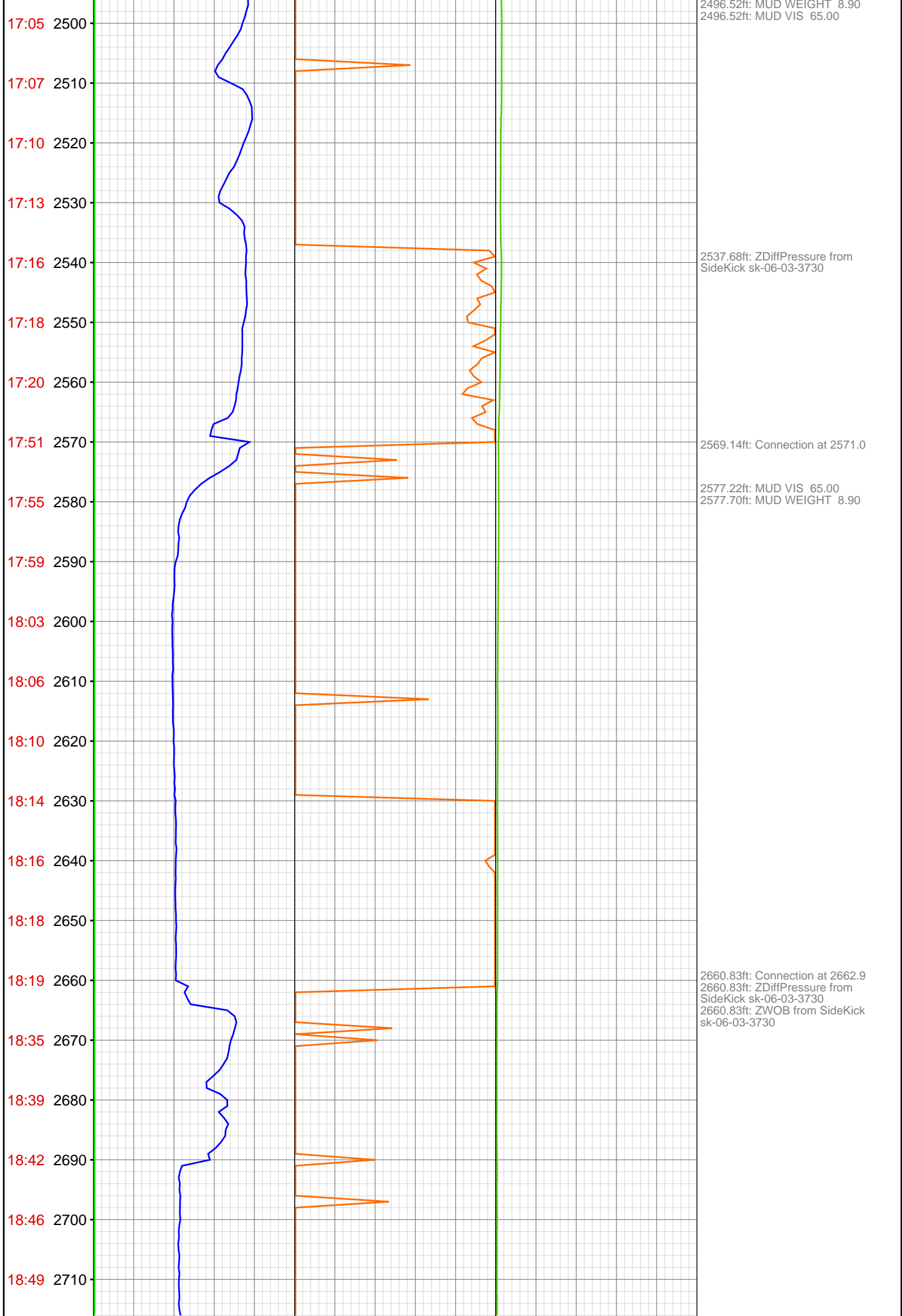
Tue Apr 17, 2012 08:01:50  
Well Dossier 1333725057  
Marilyn Tucker

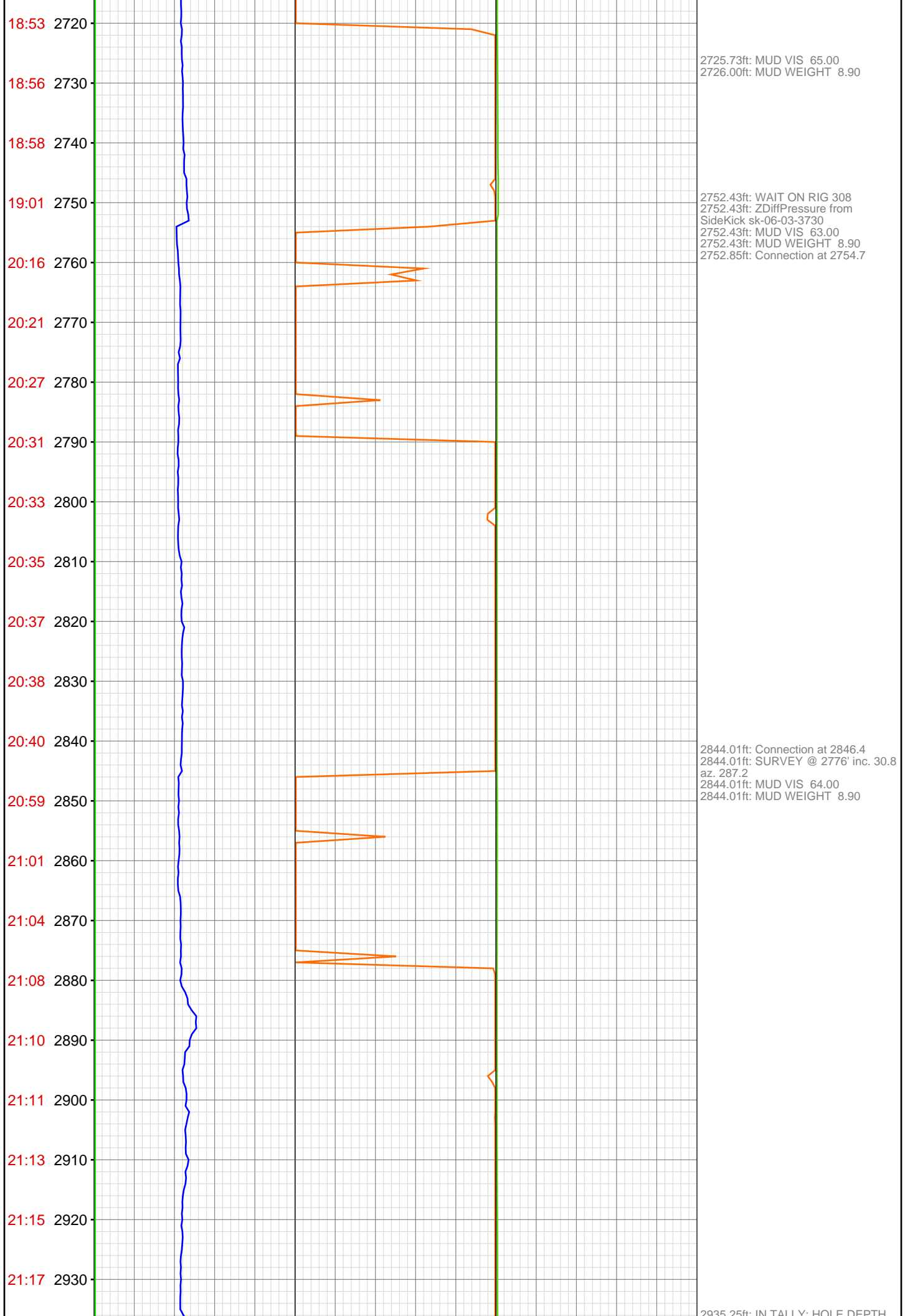
**OPERATOR:** EnCana Oil & Gas (USA), Inc.  
**WELL:** SG 8509C-21 N-22 496  
**FIELD:**  
**LOCATION:** SEC:25 T4S R96W  
**COUNTRY:** USA  
**RIG:** Pat-UTI 306

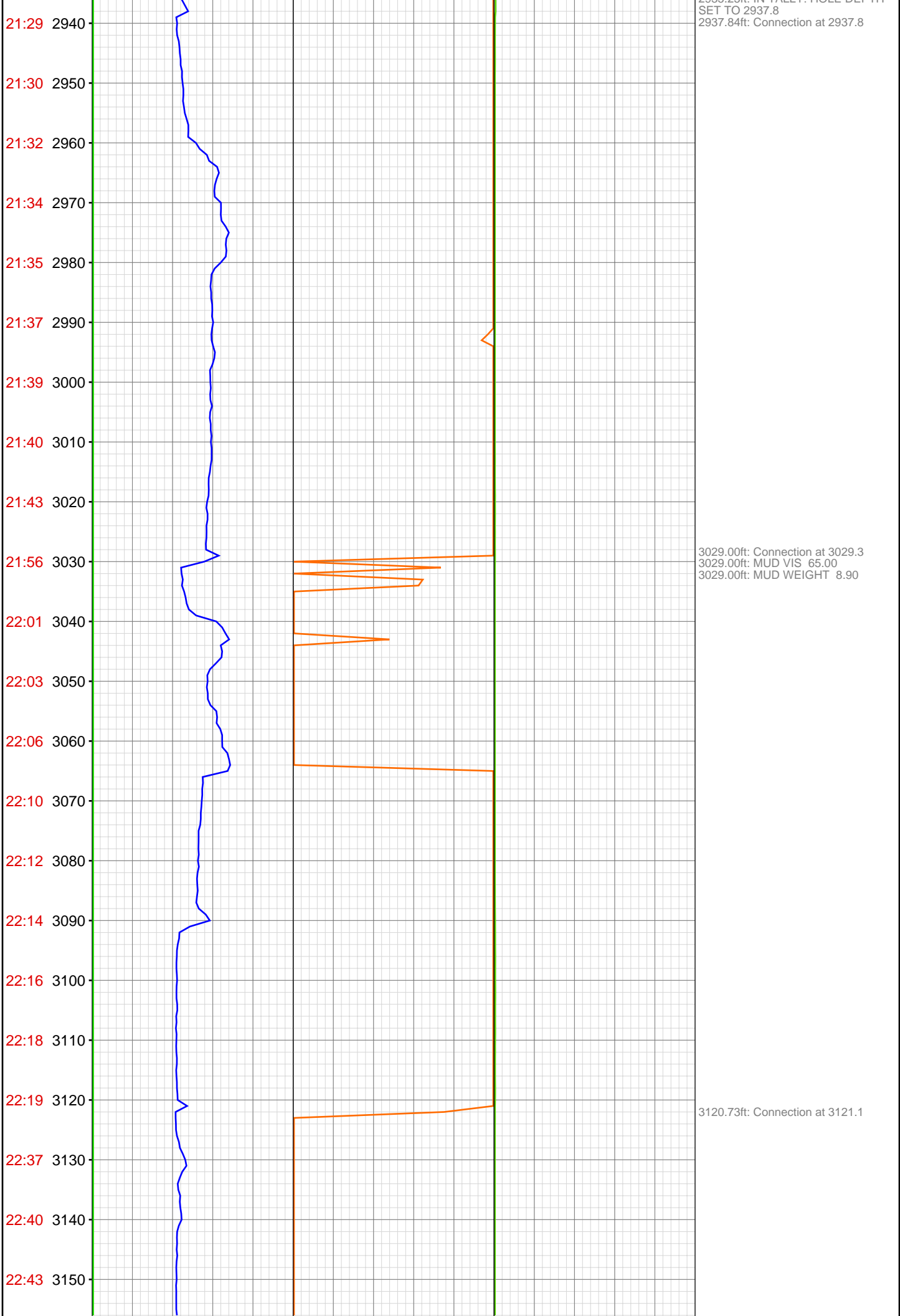
**CONTRACTOR:** Patterson-UTI Drilling Company  
**UNIQUE WELL ID:** 050-452-10330000  
**SPUD DATE:** Apr 07, 2012 09:30  
**RELEASE DATE:** Apr 14, 2012 06:00

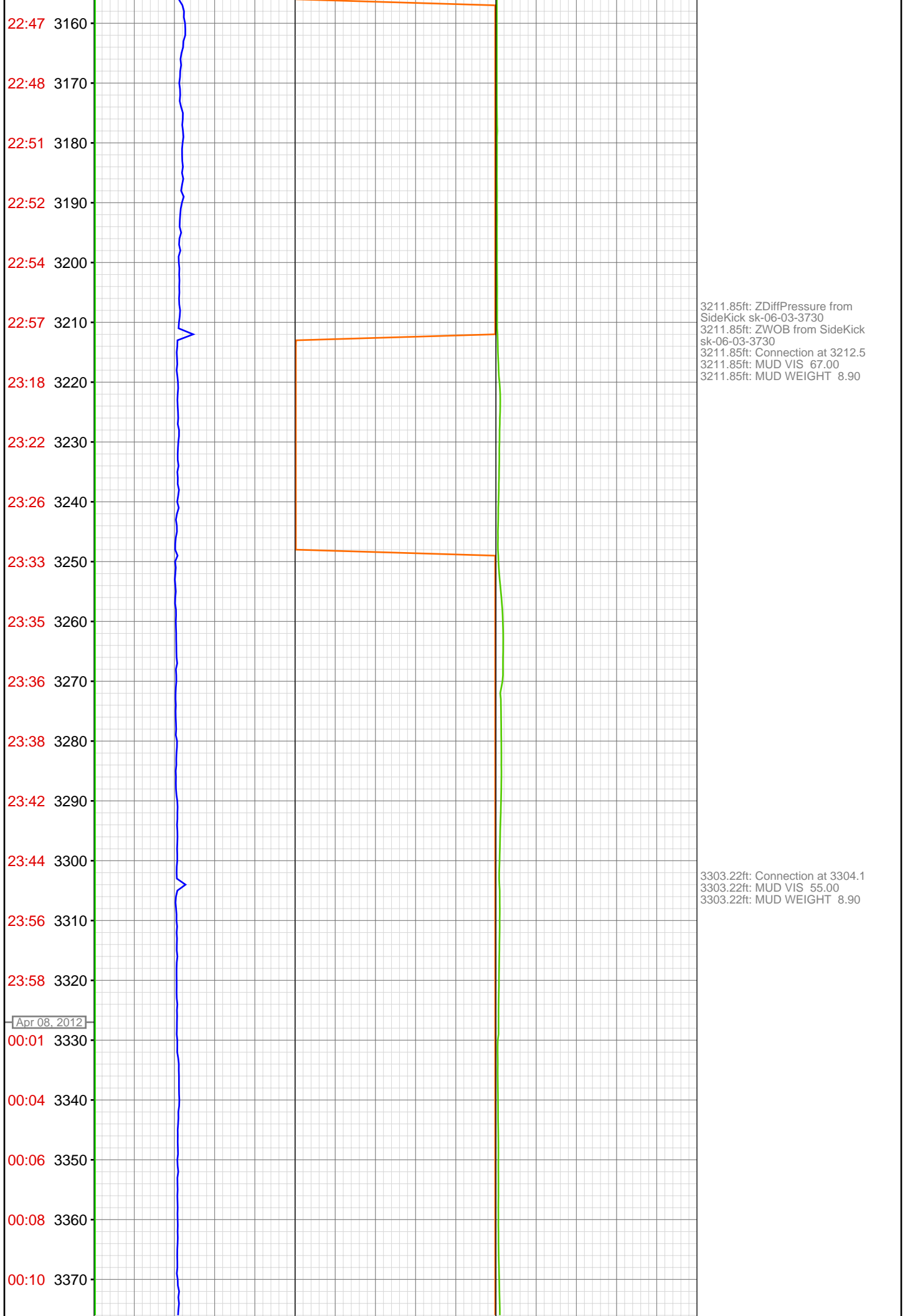


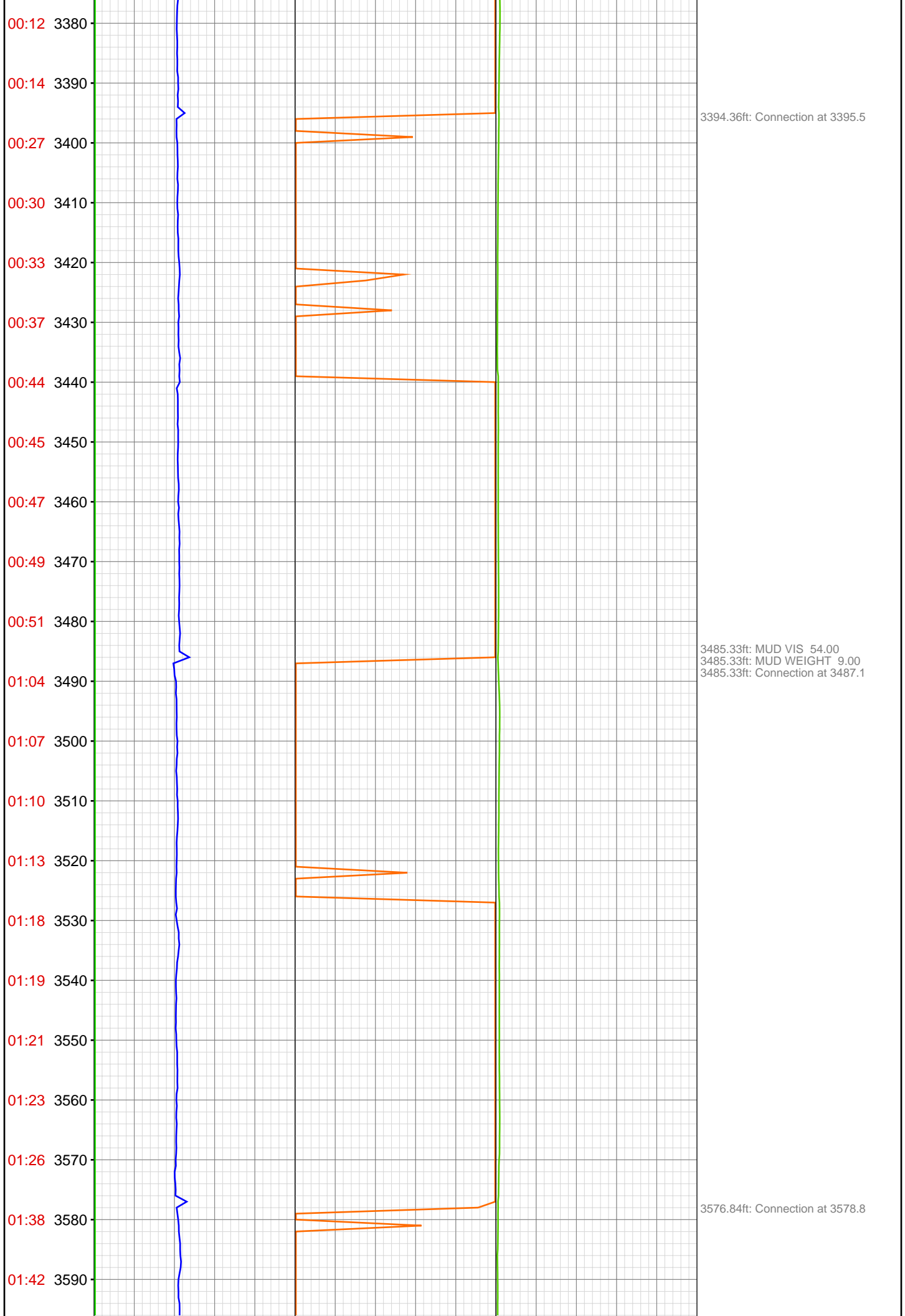


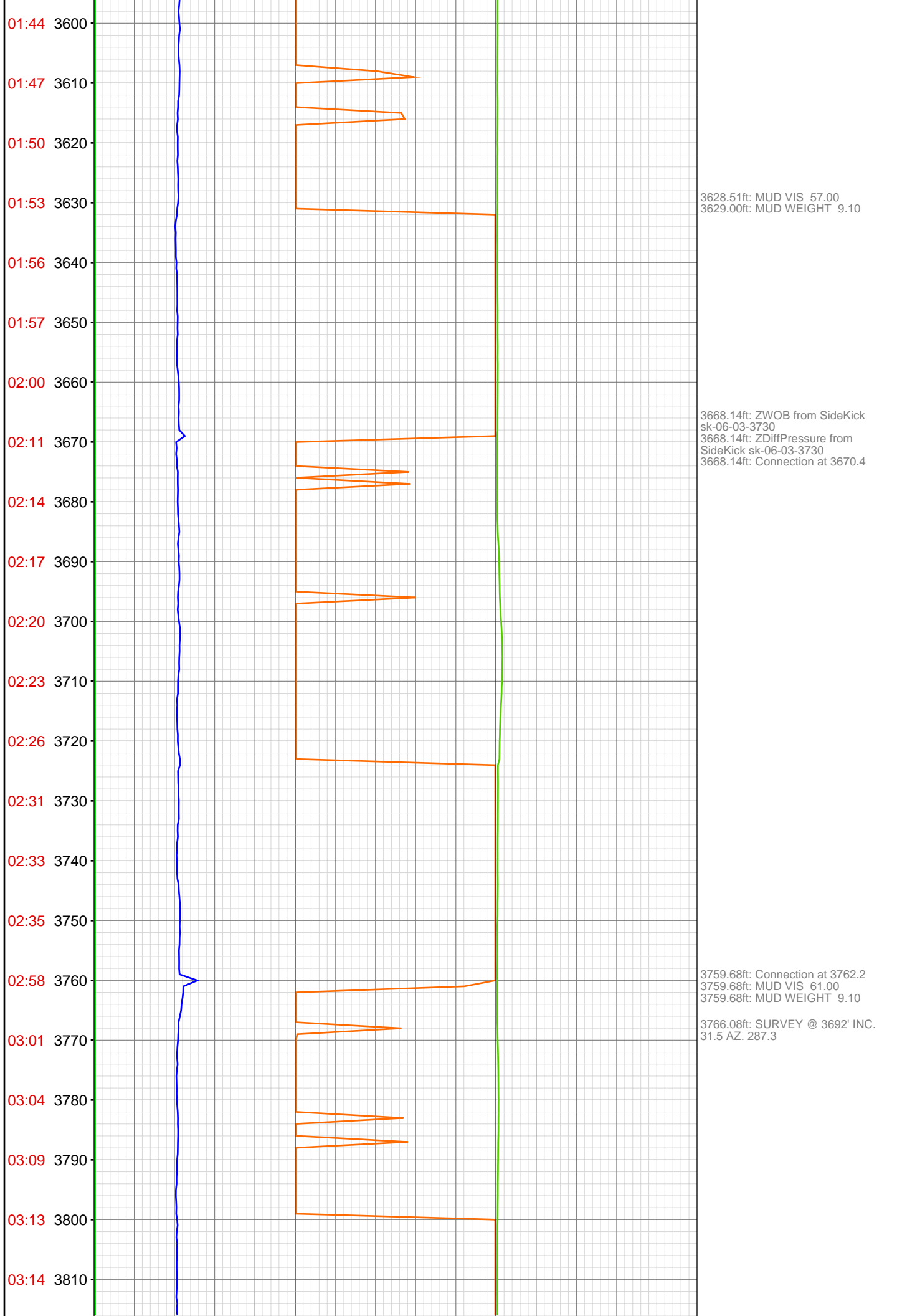




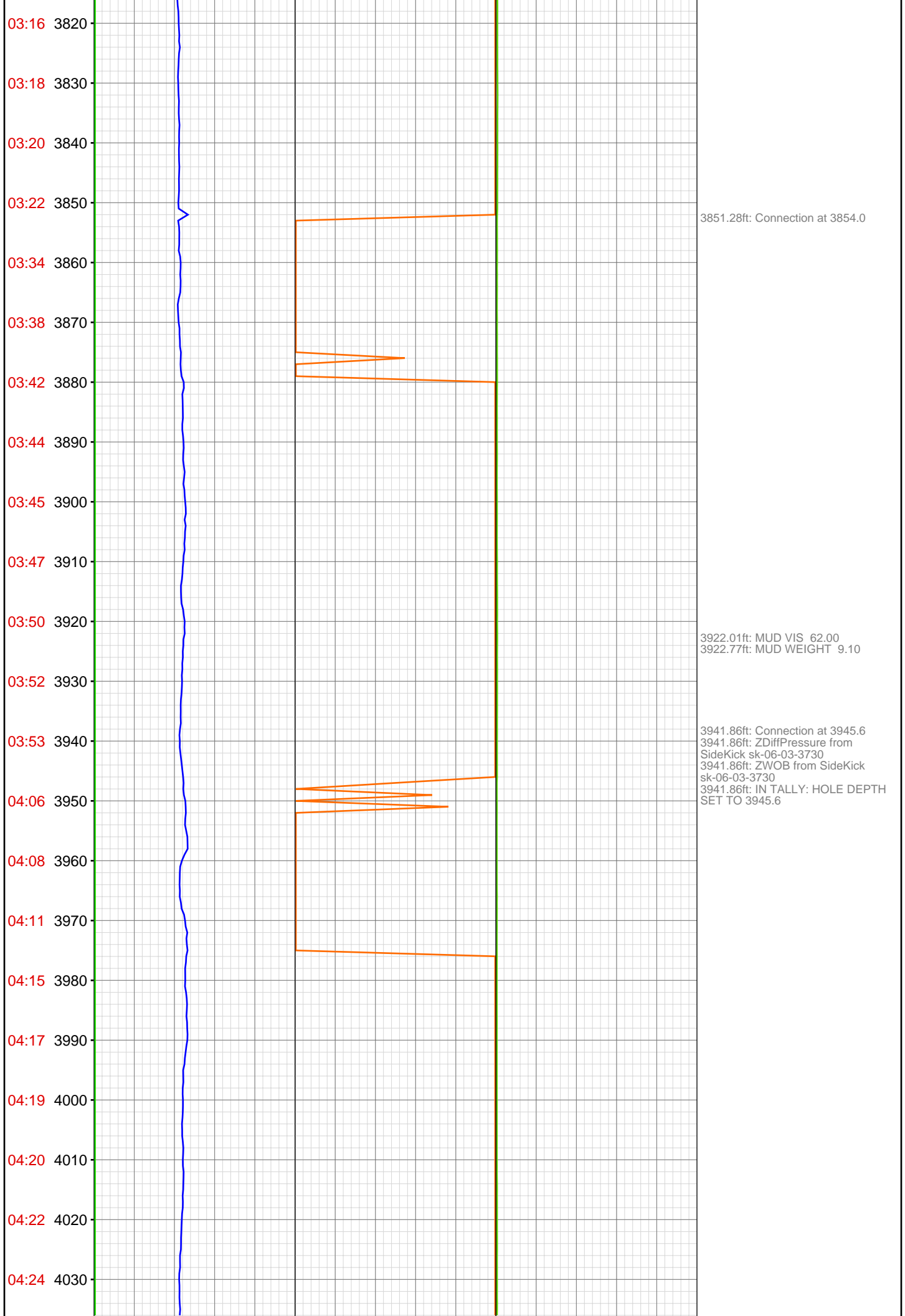




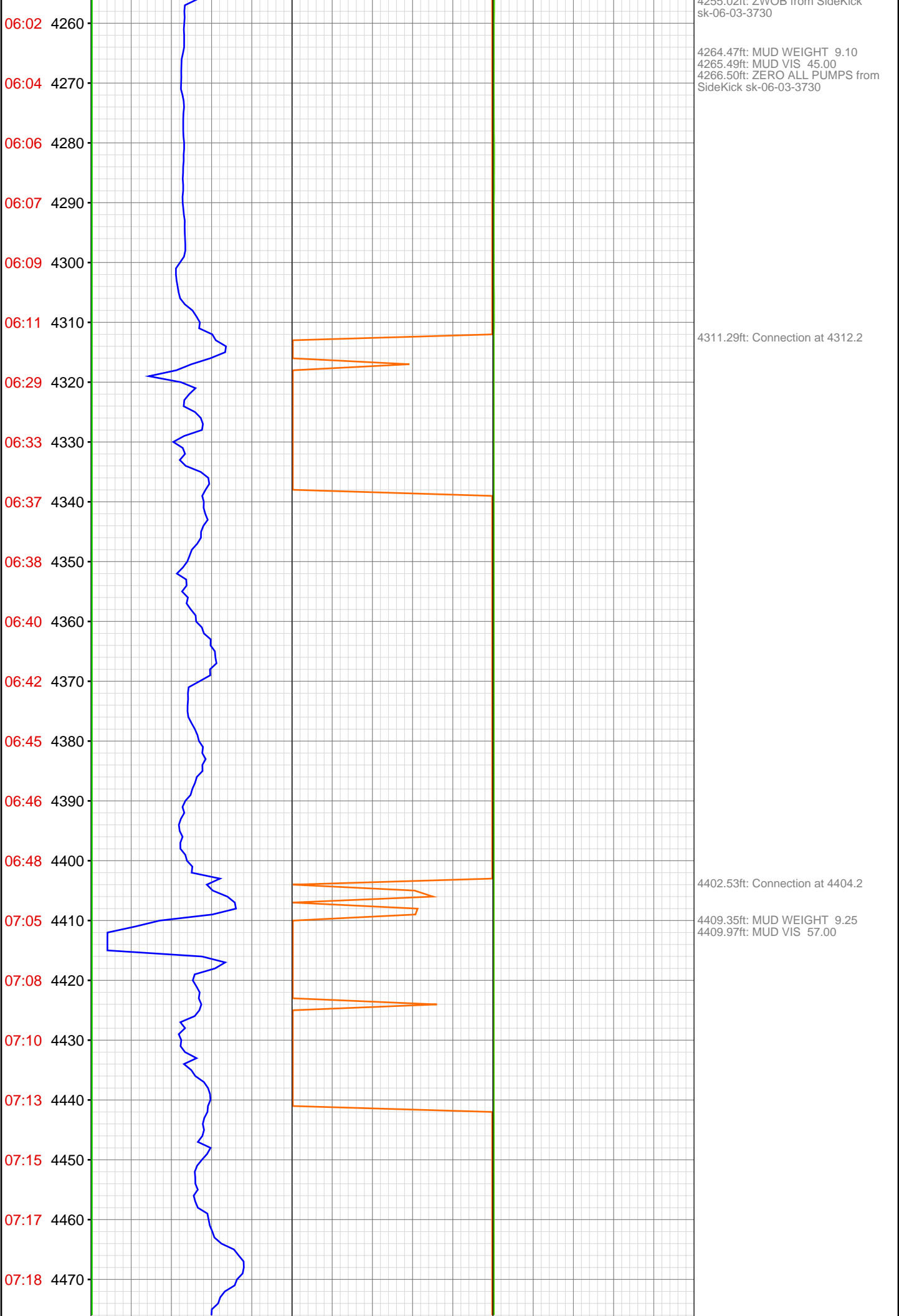


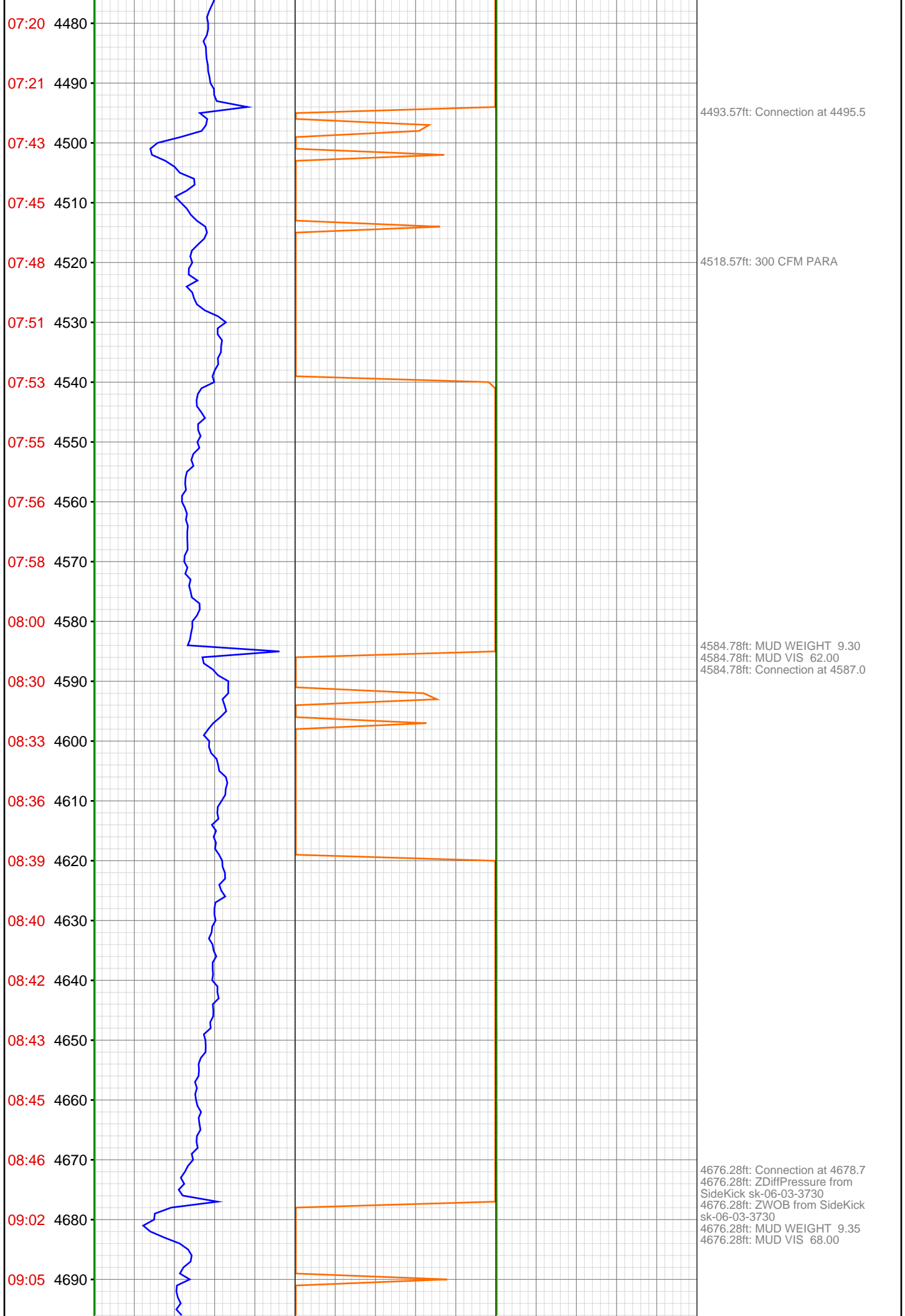


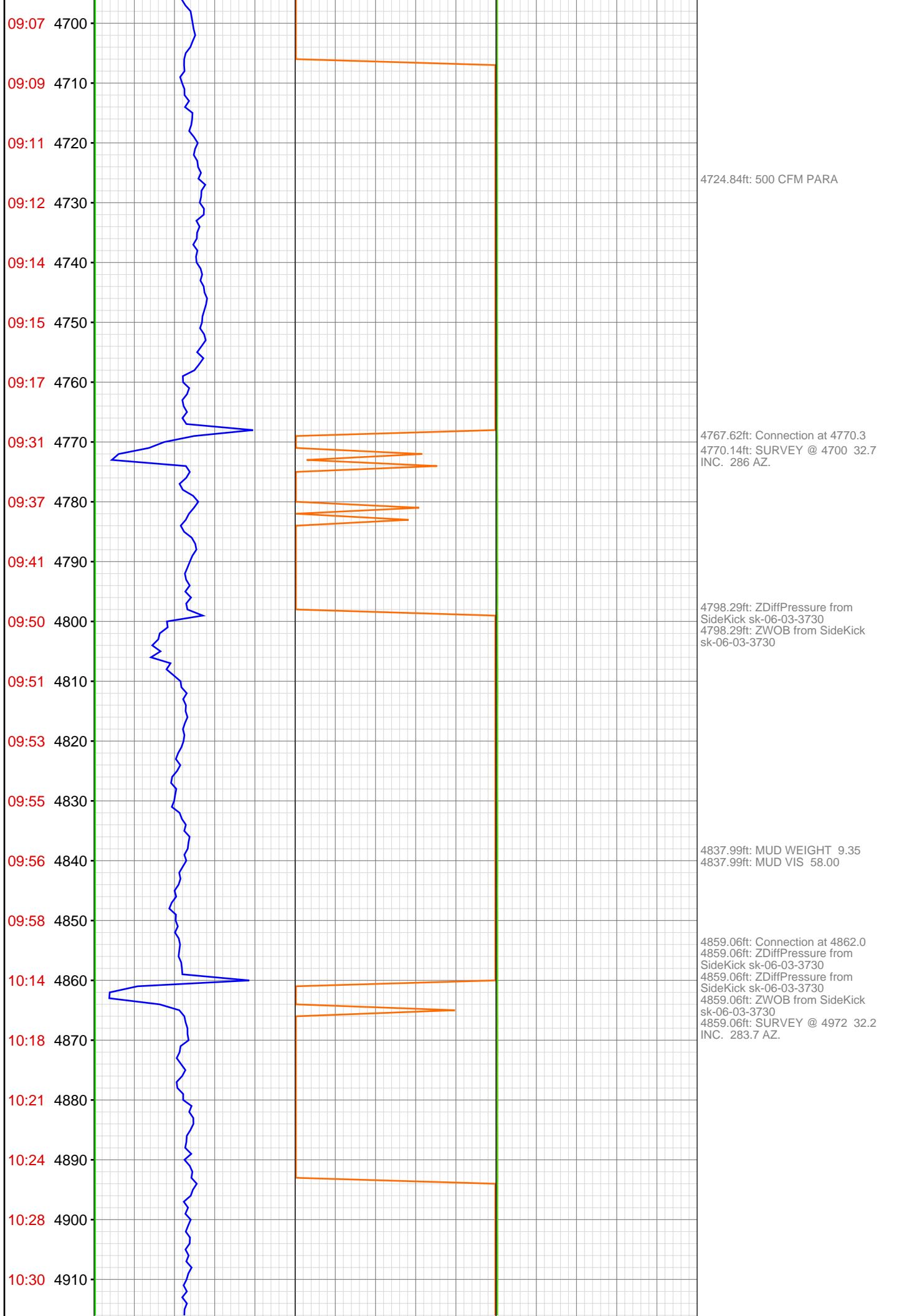


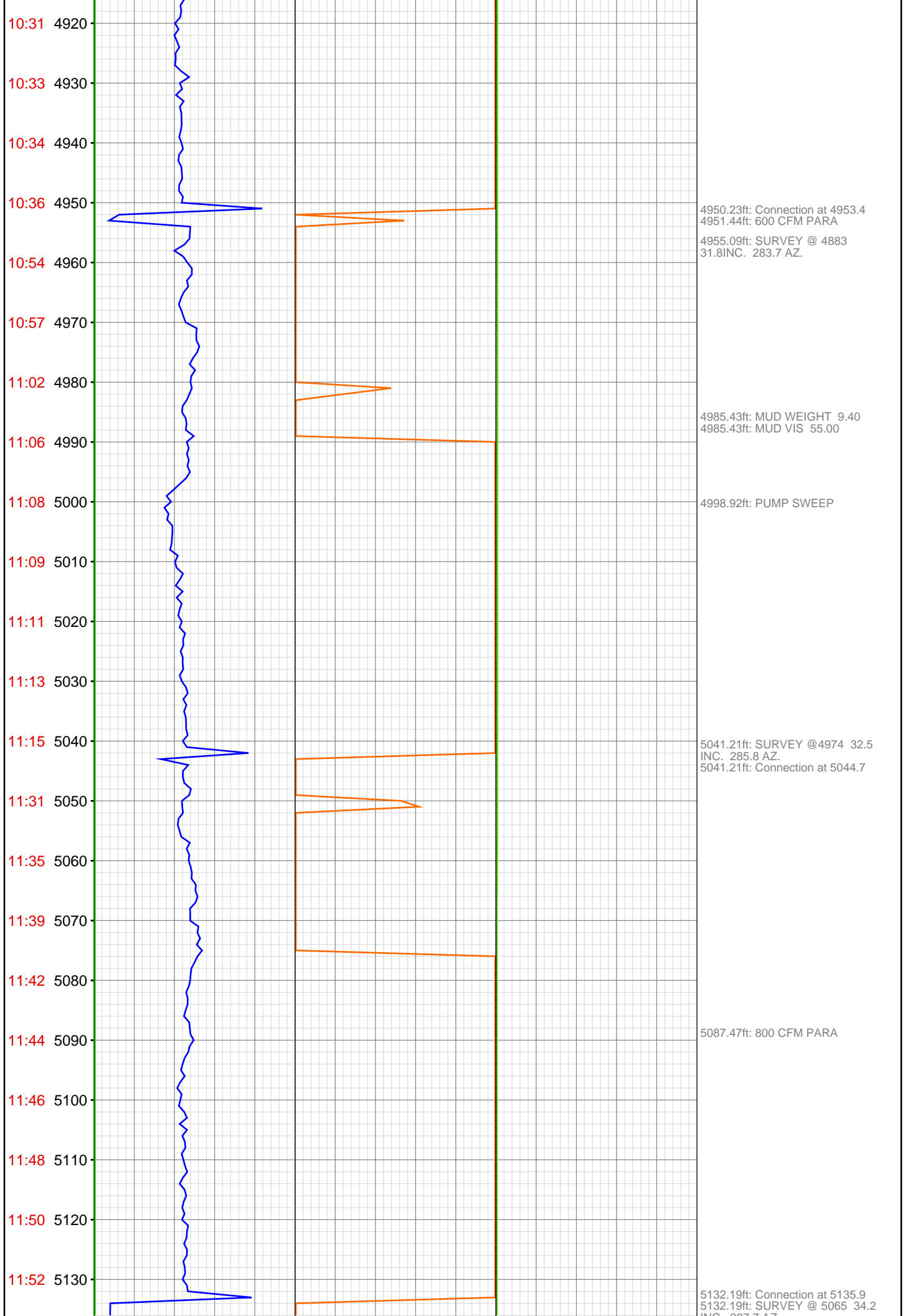


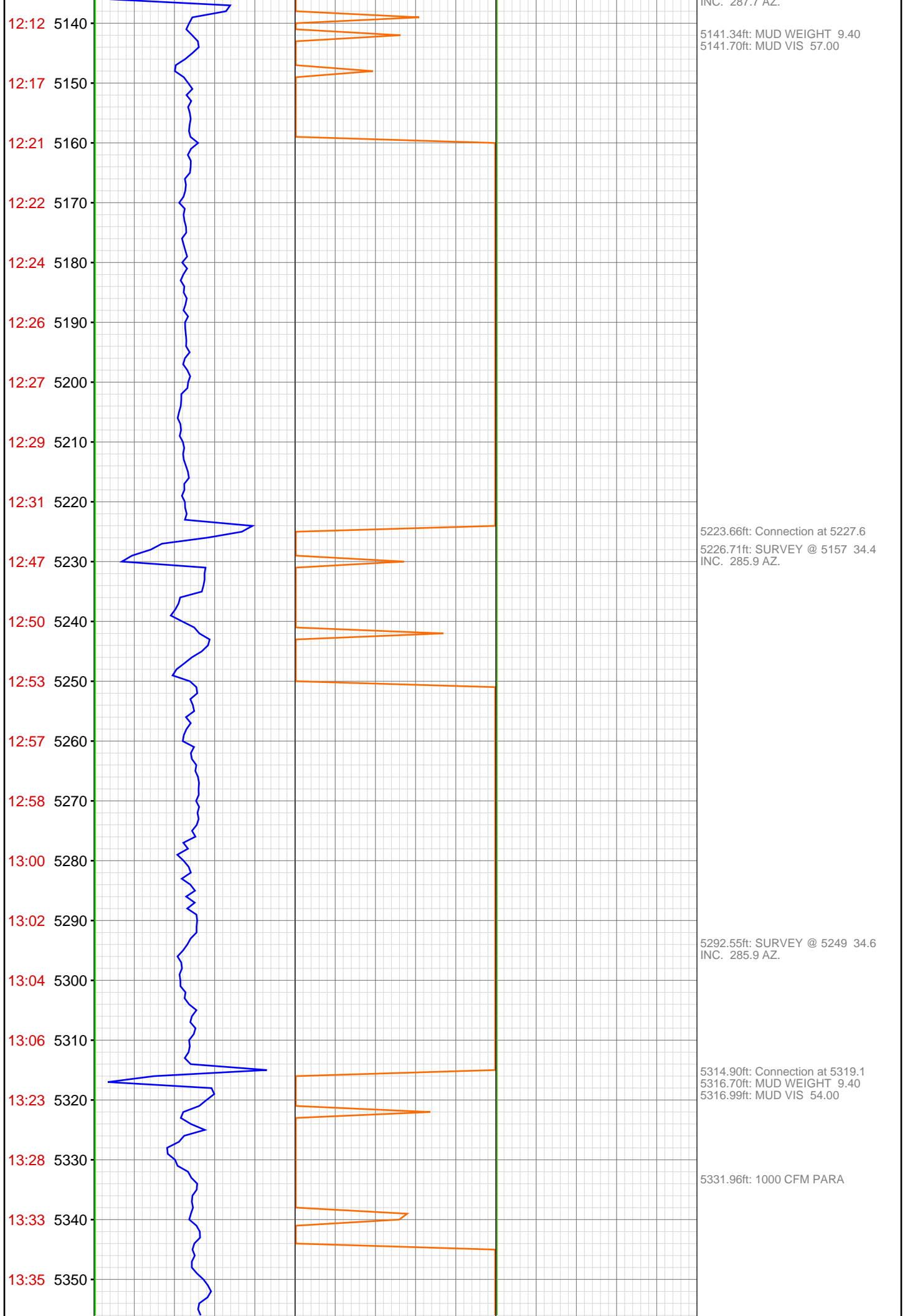


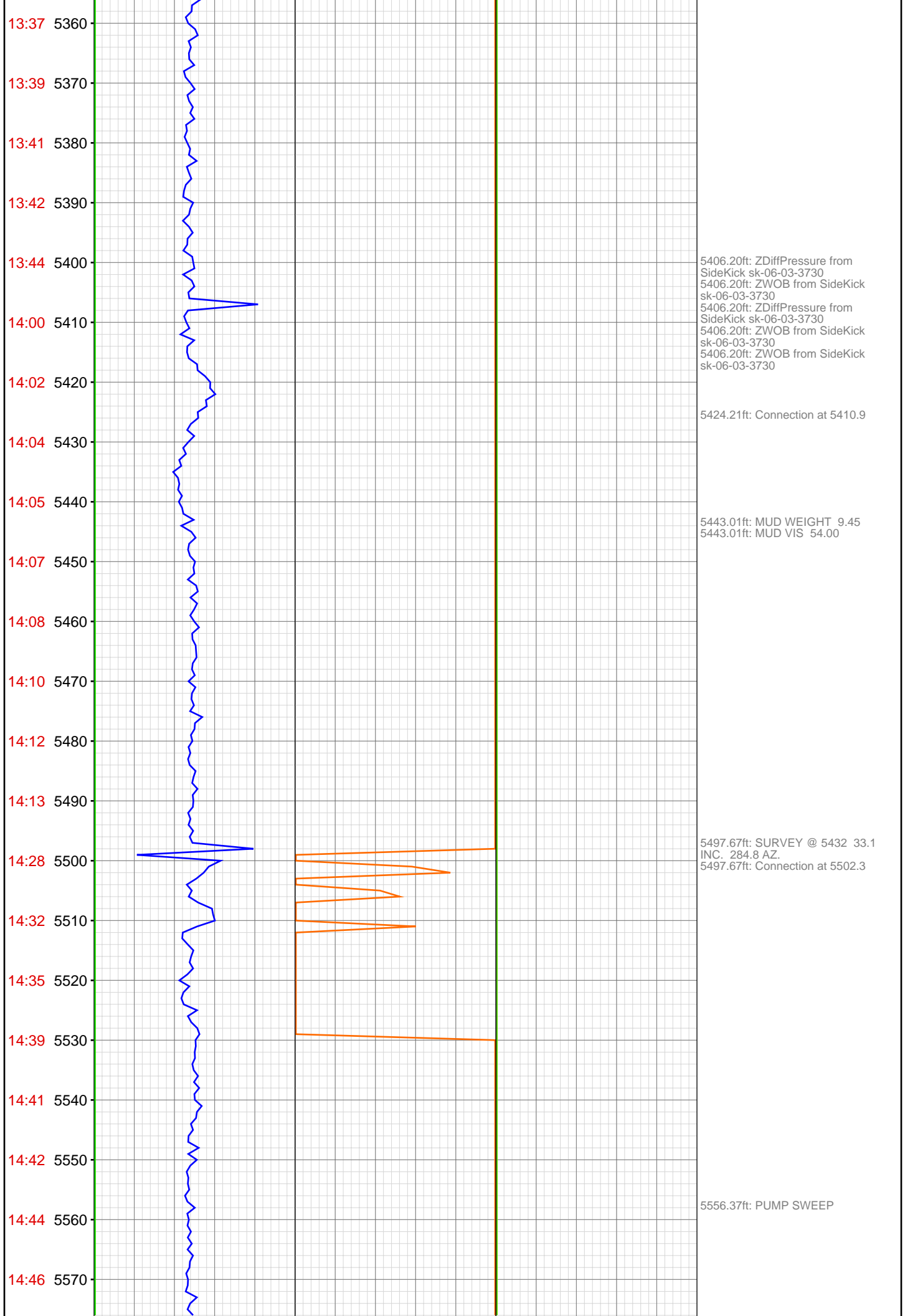




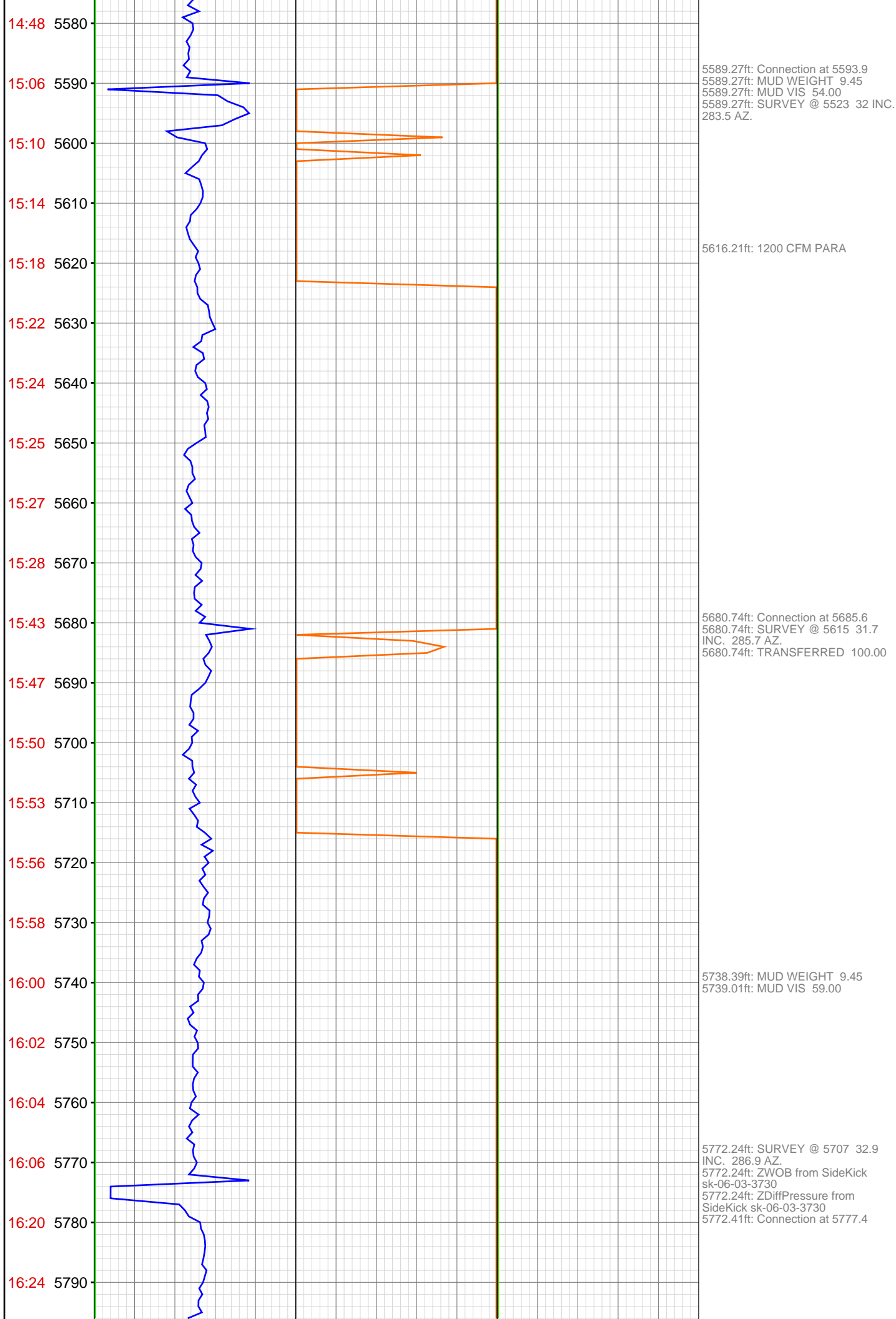


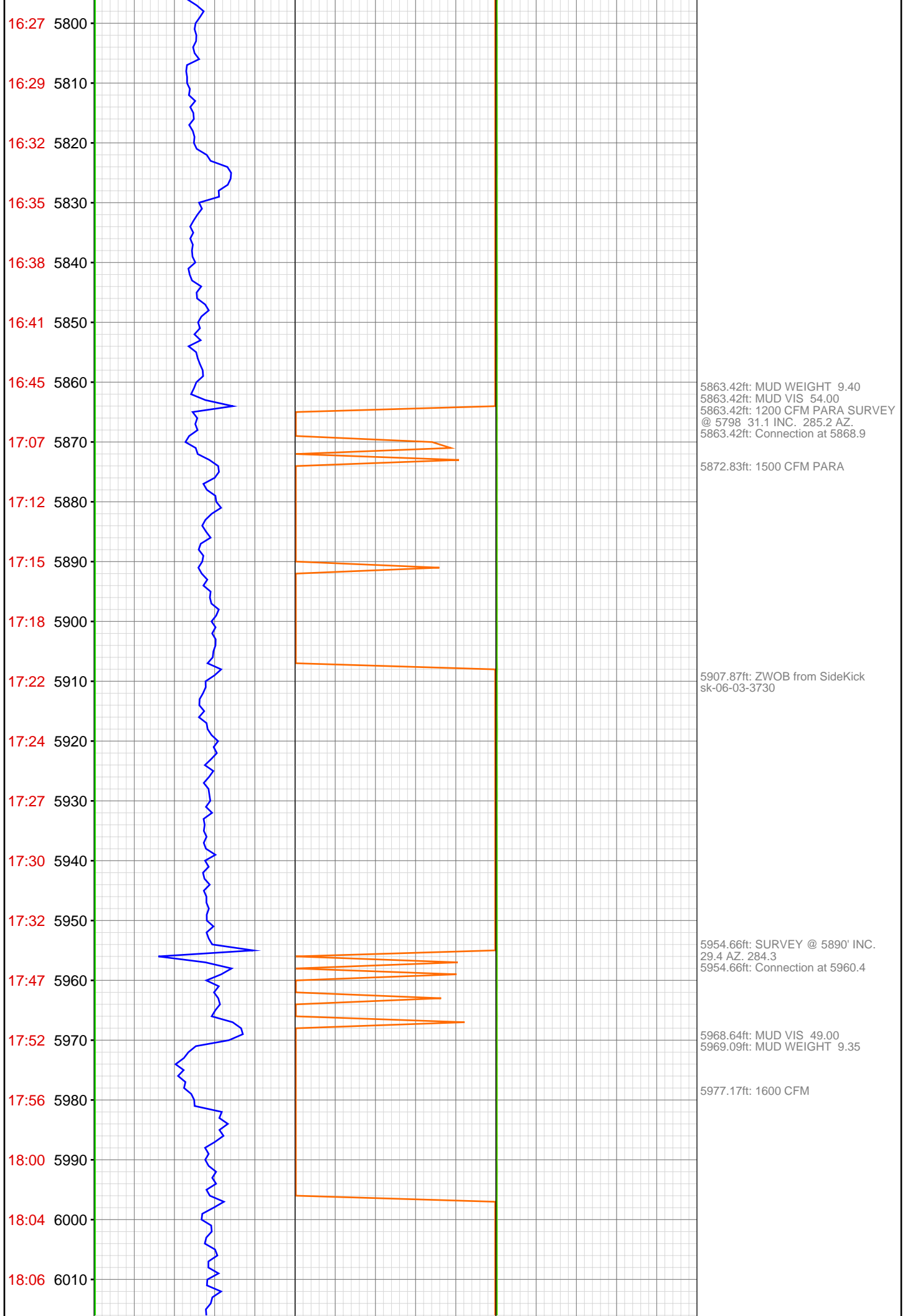


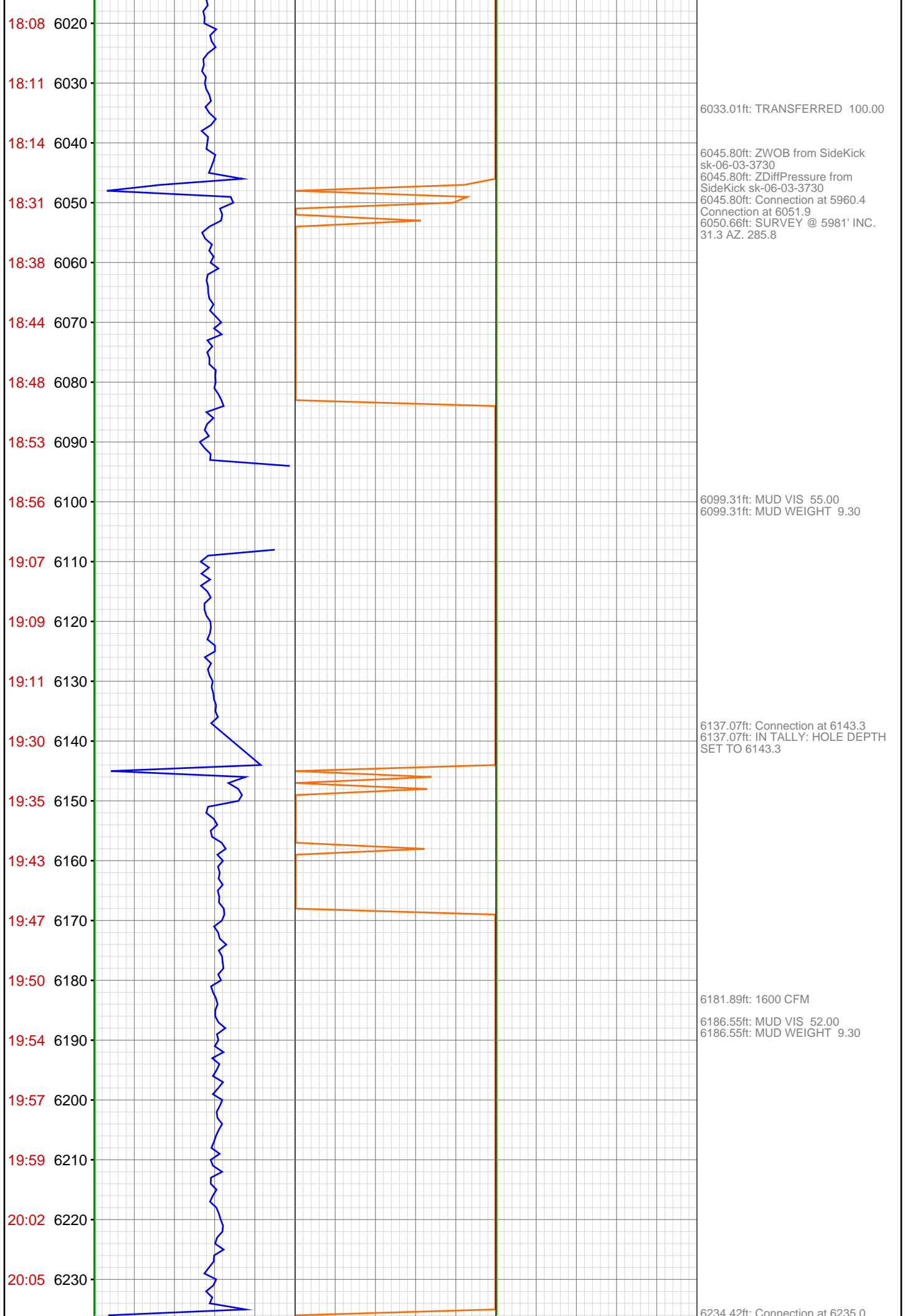


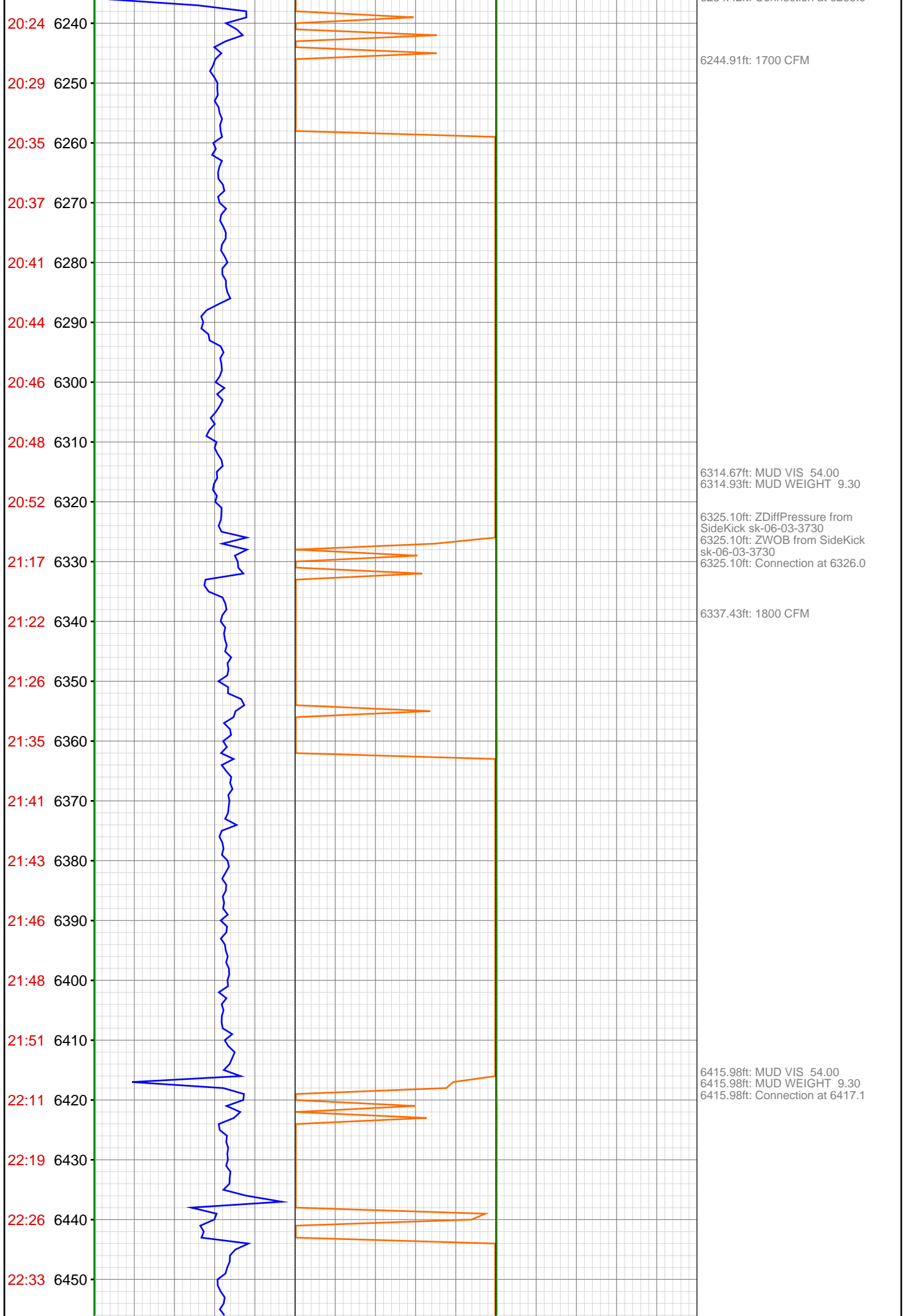


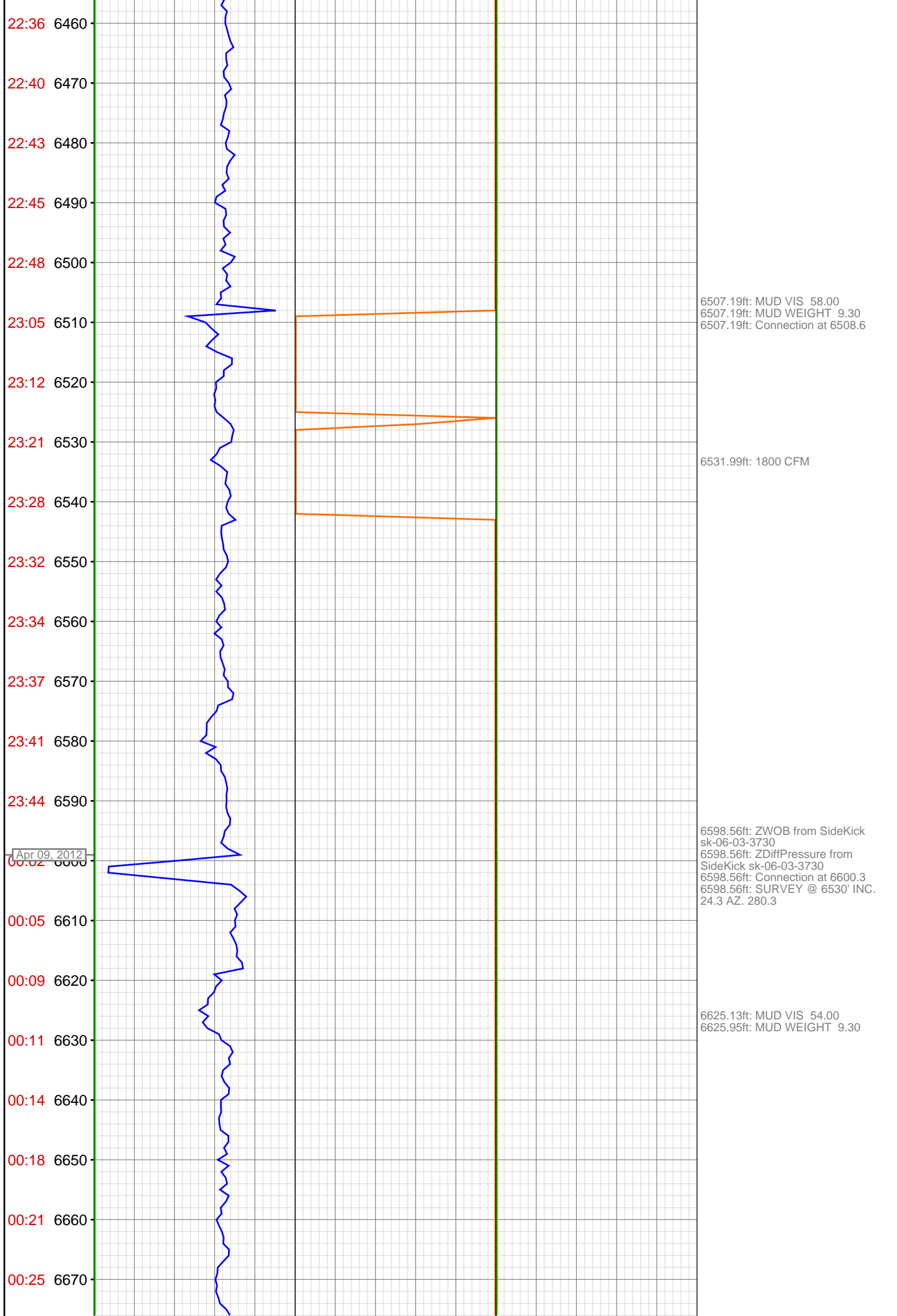


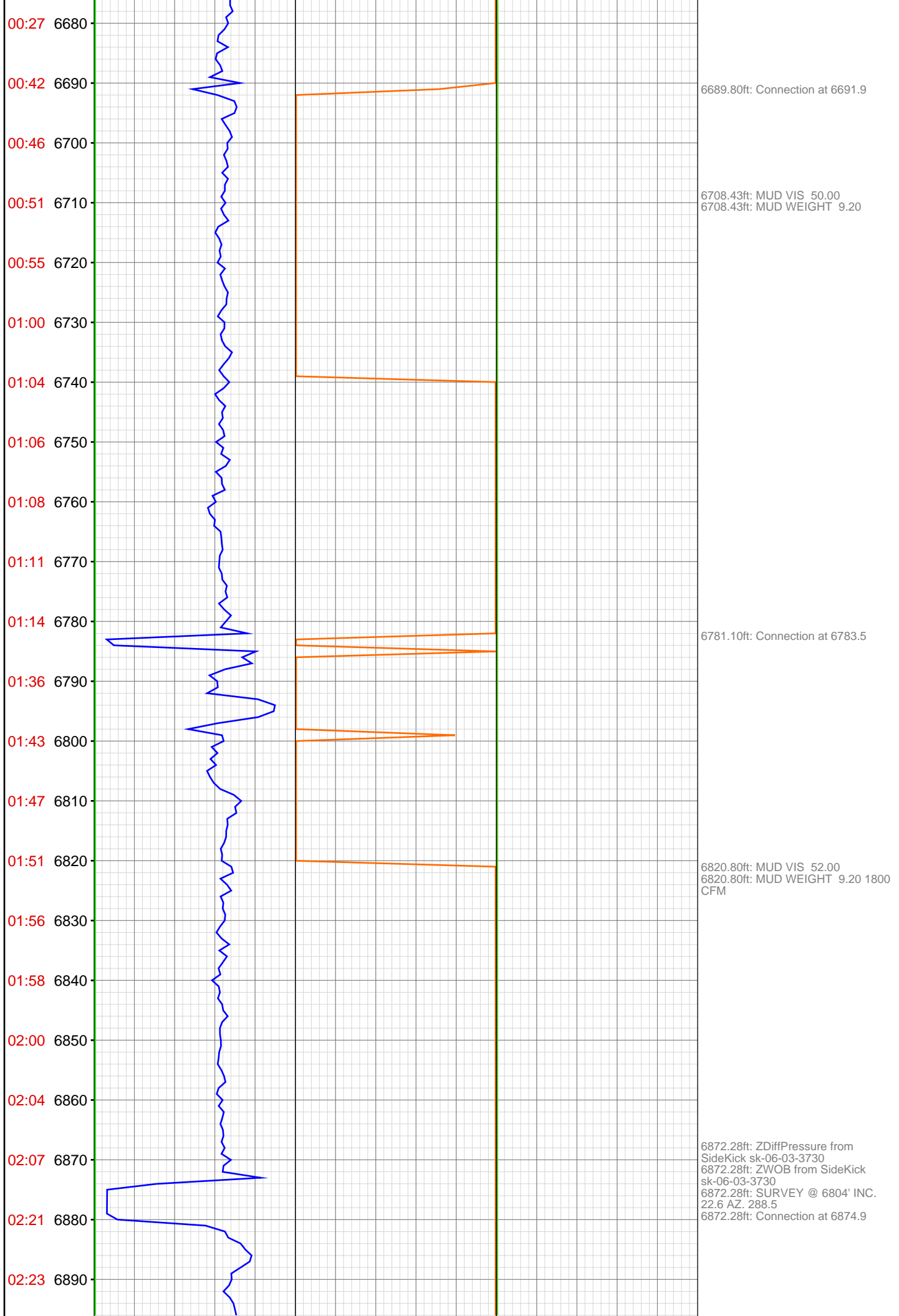


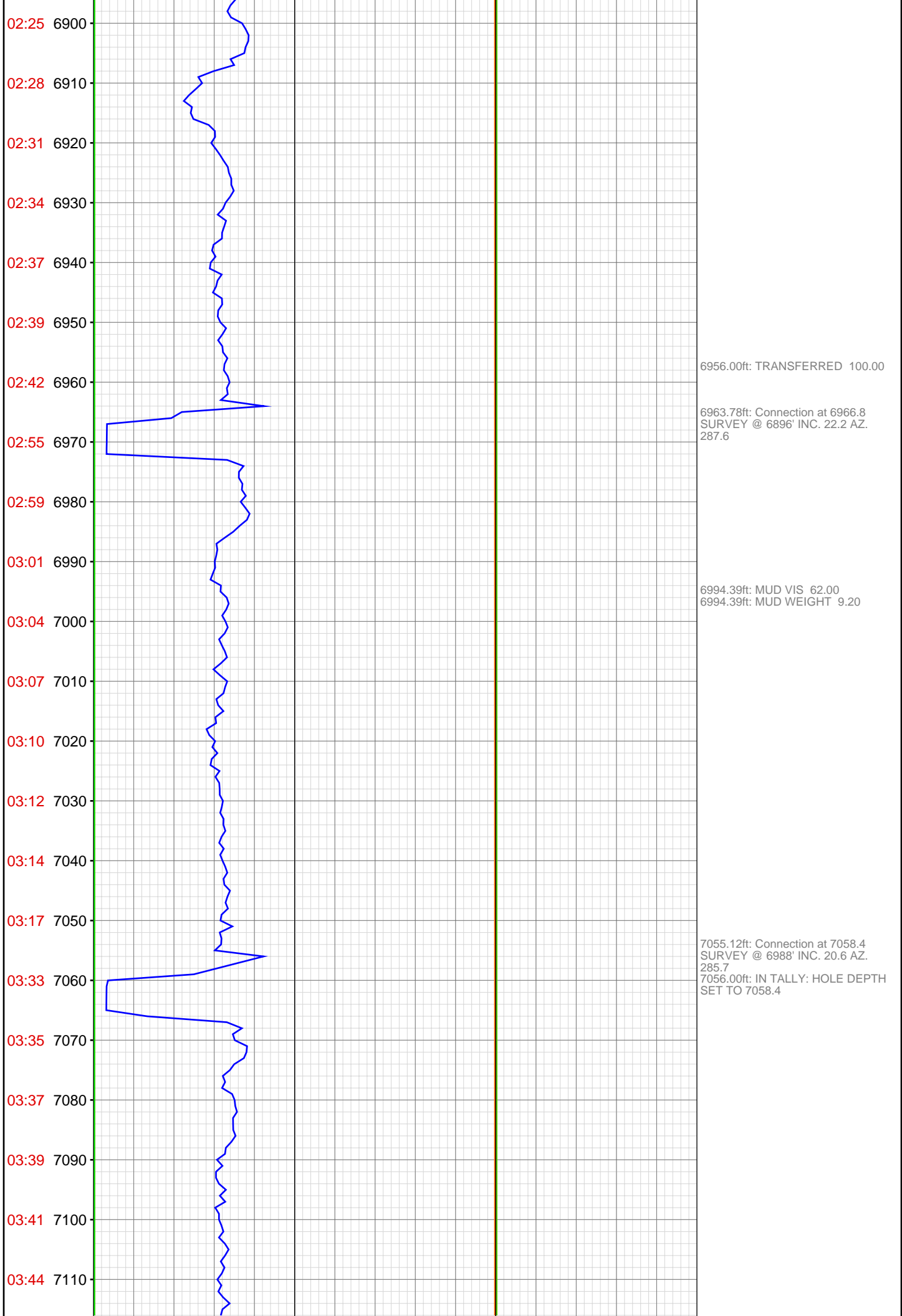


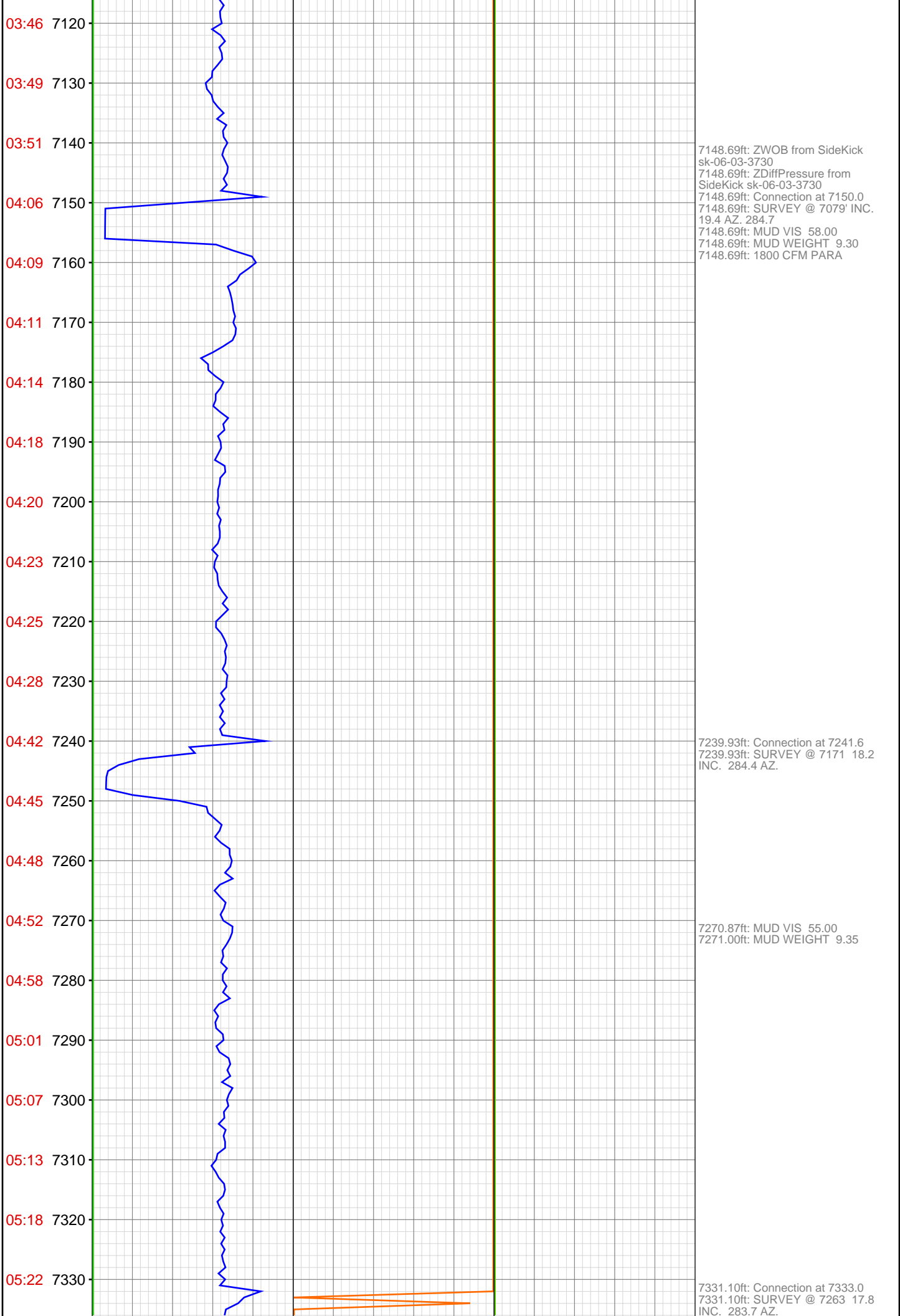




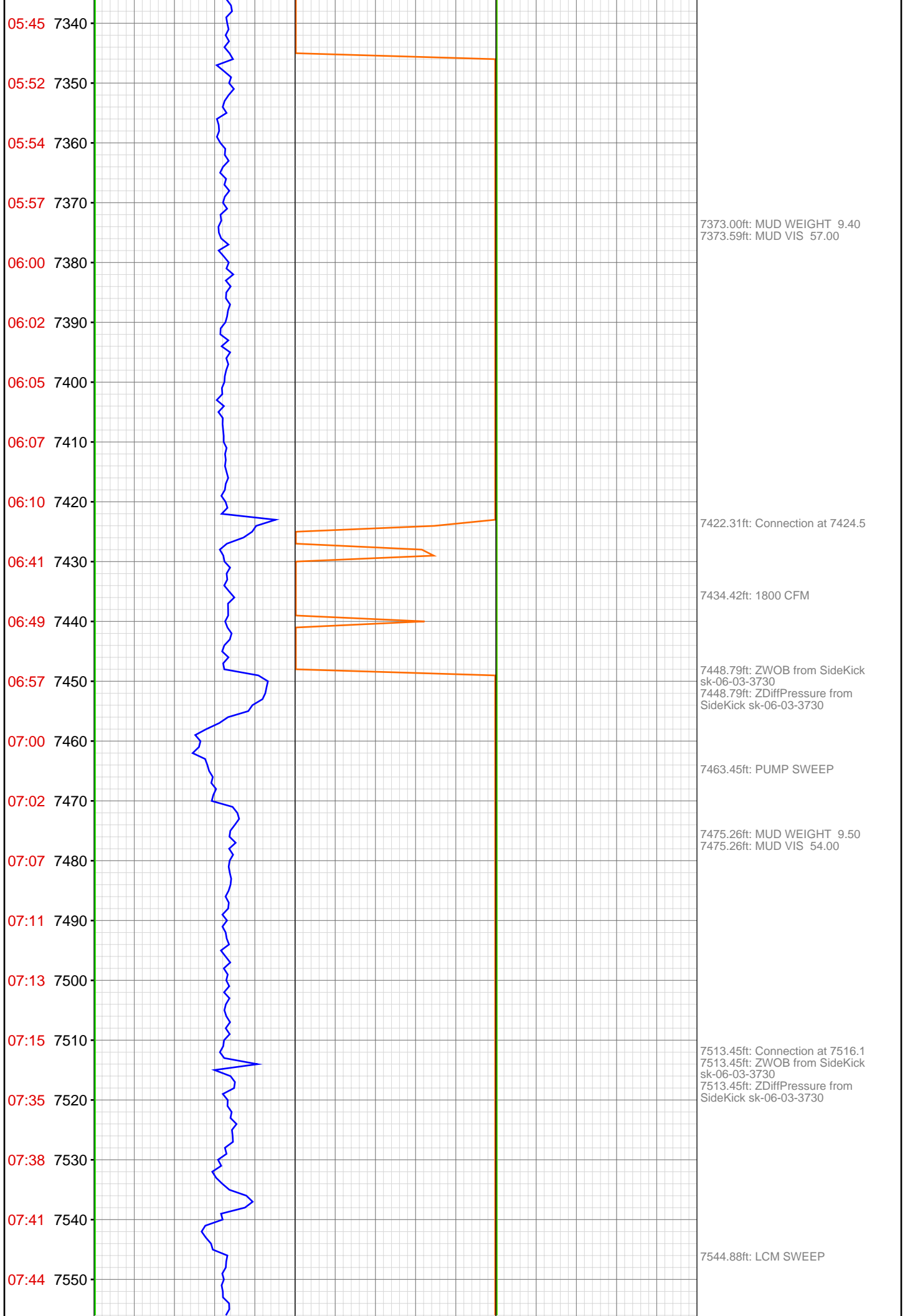


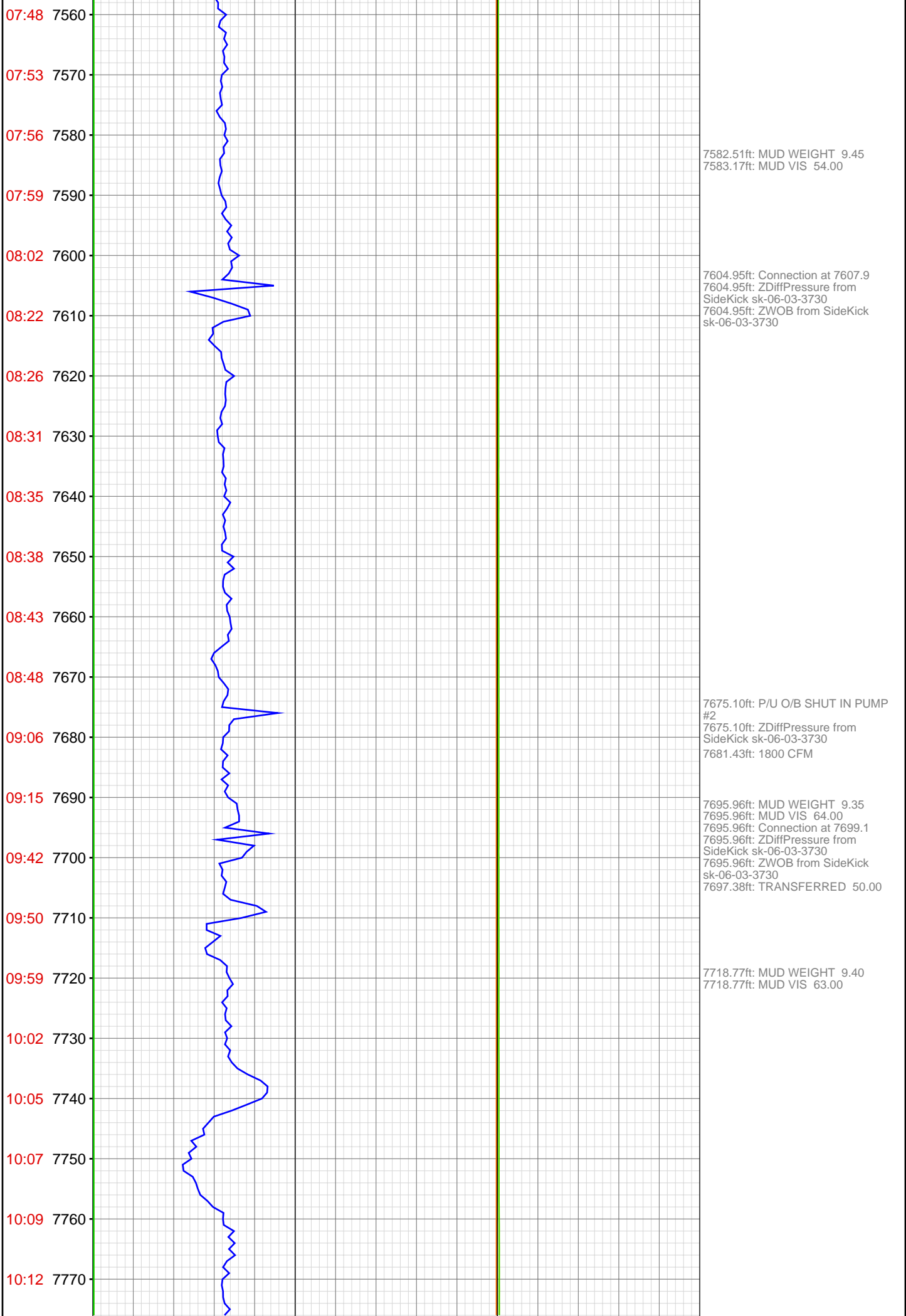


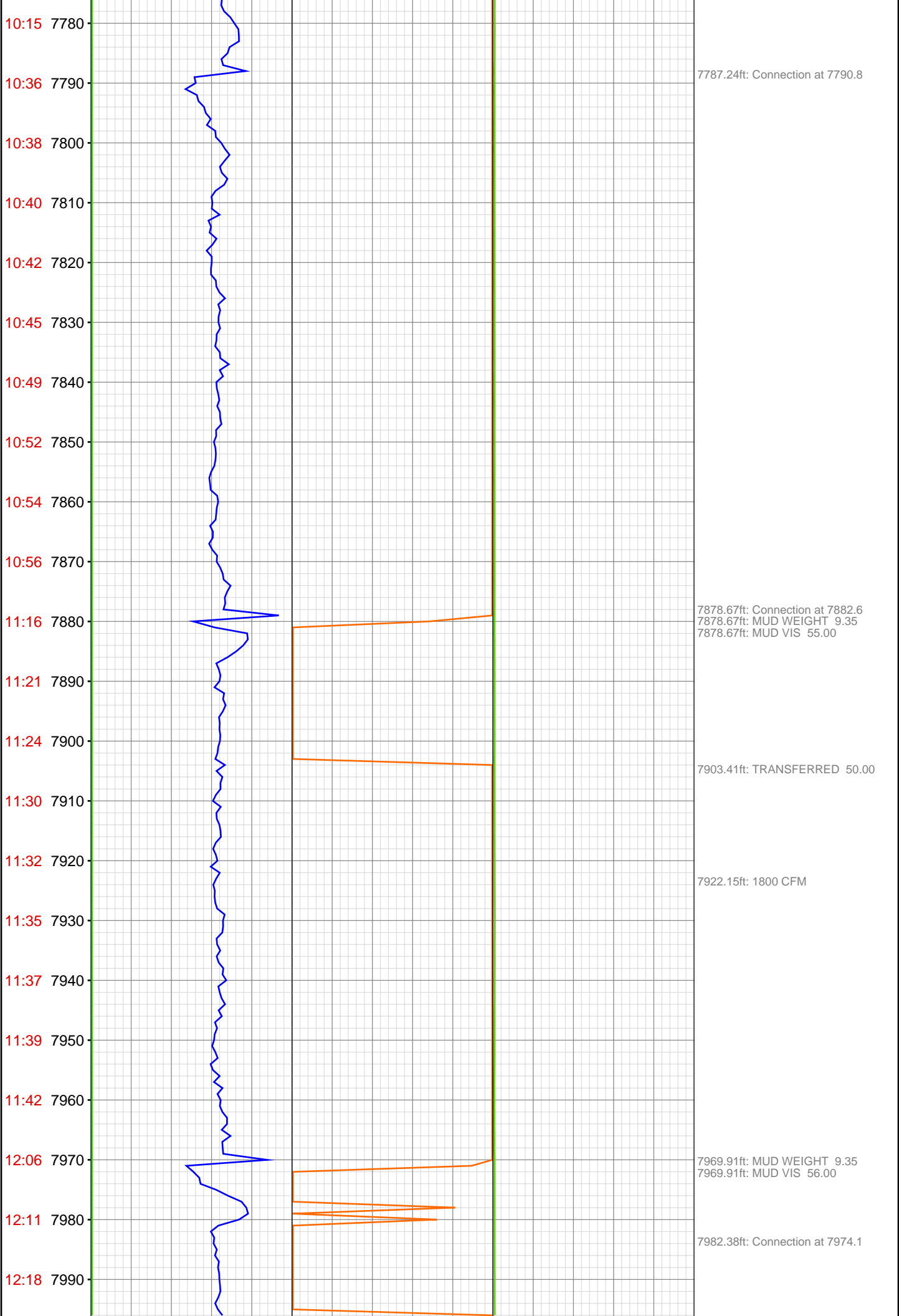


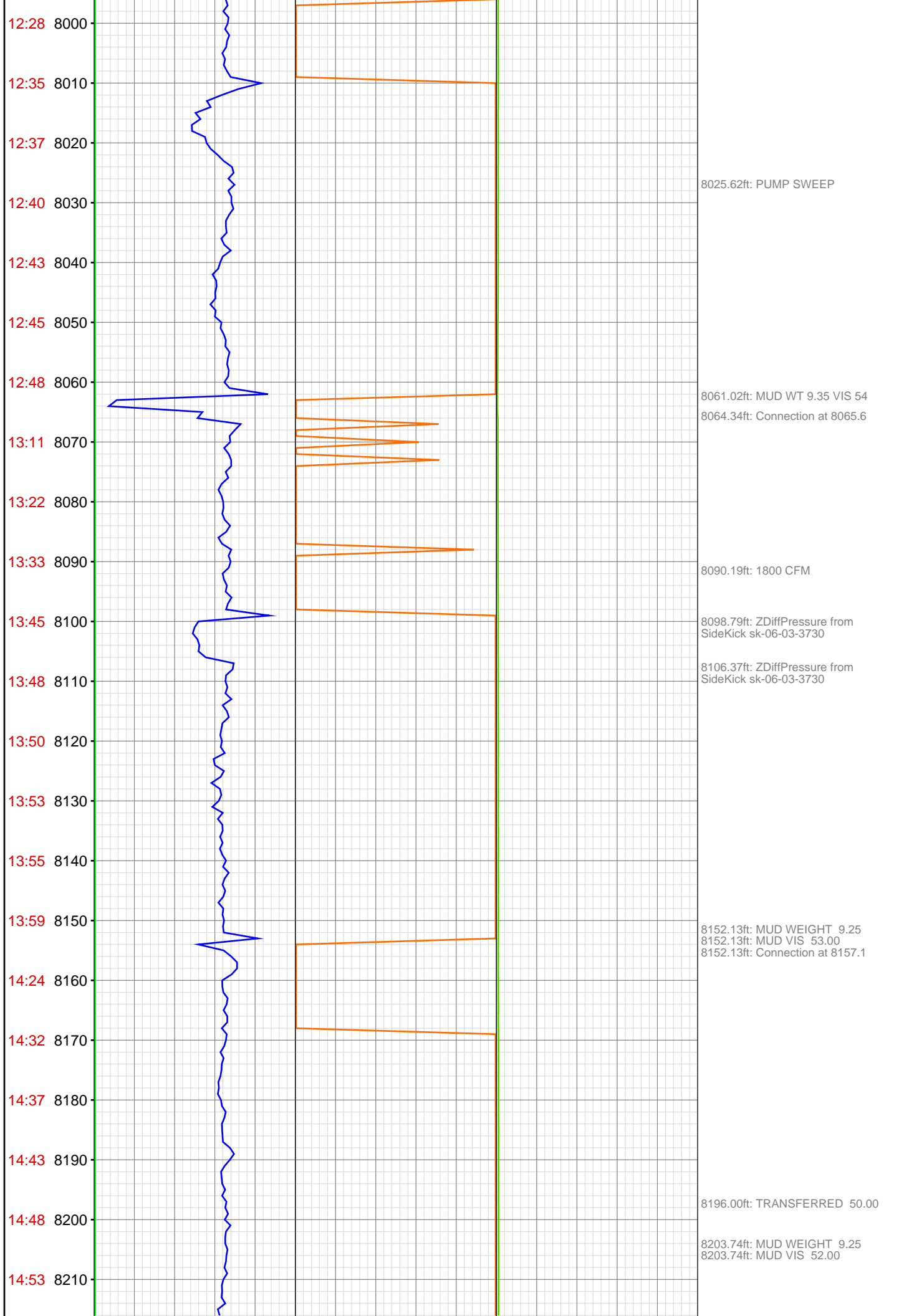


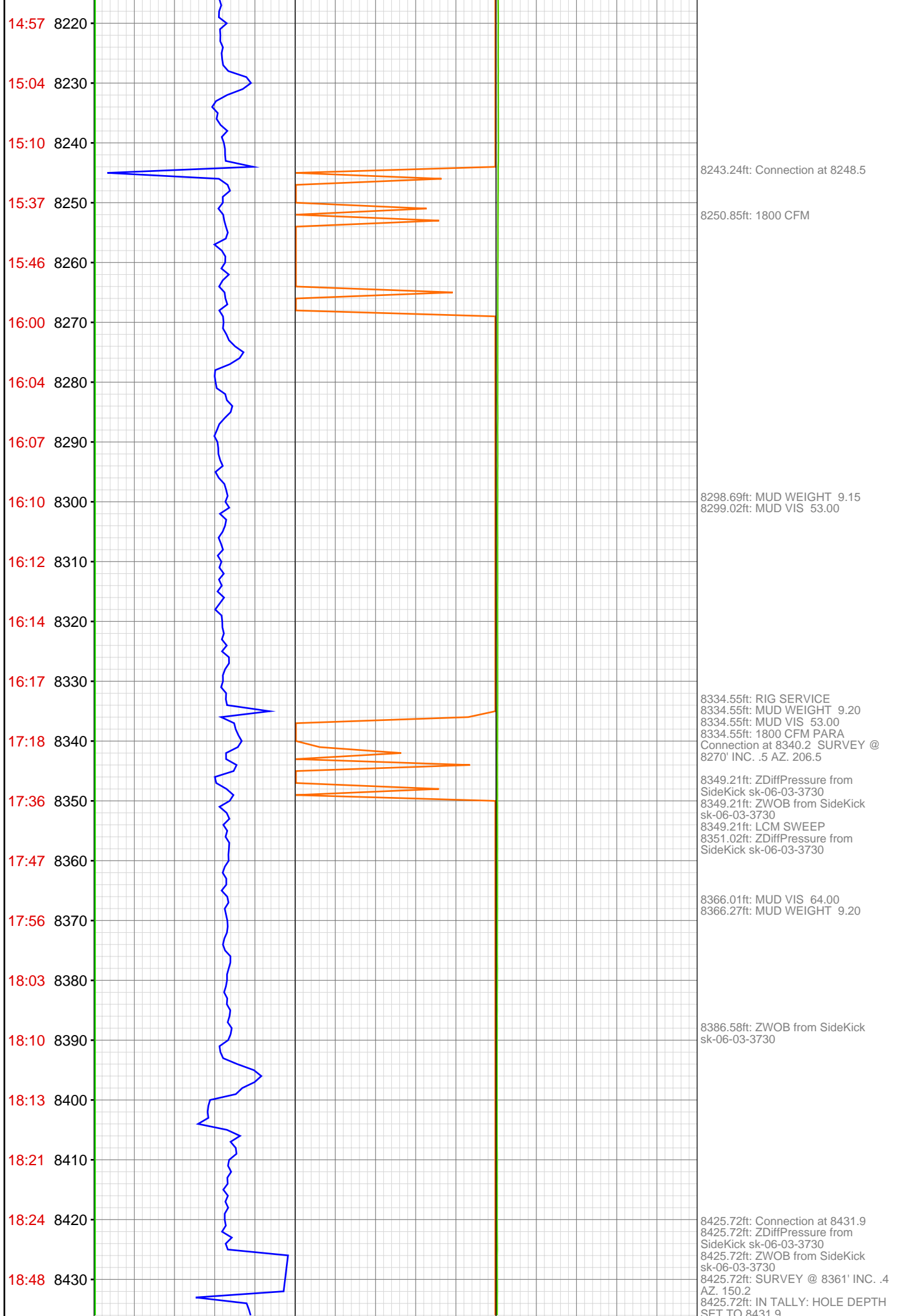


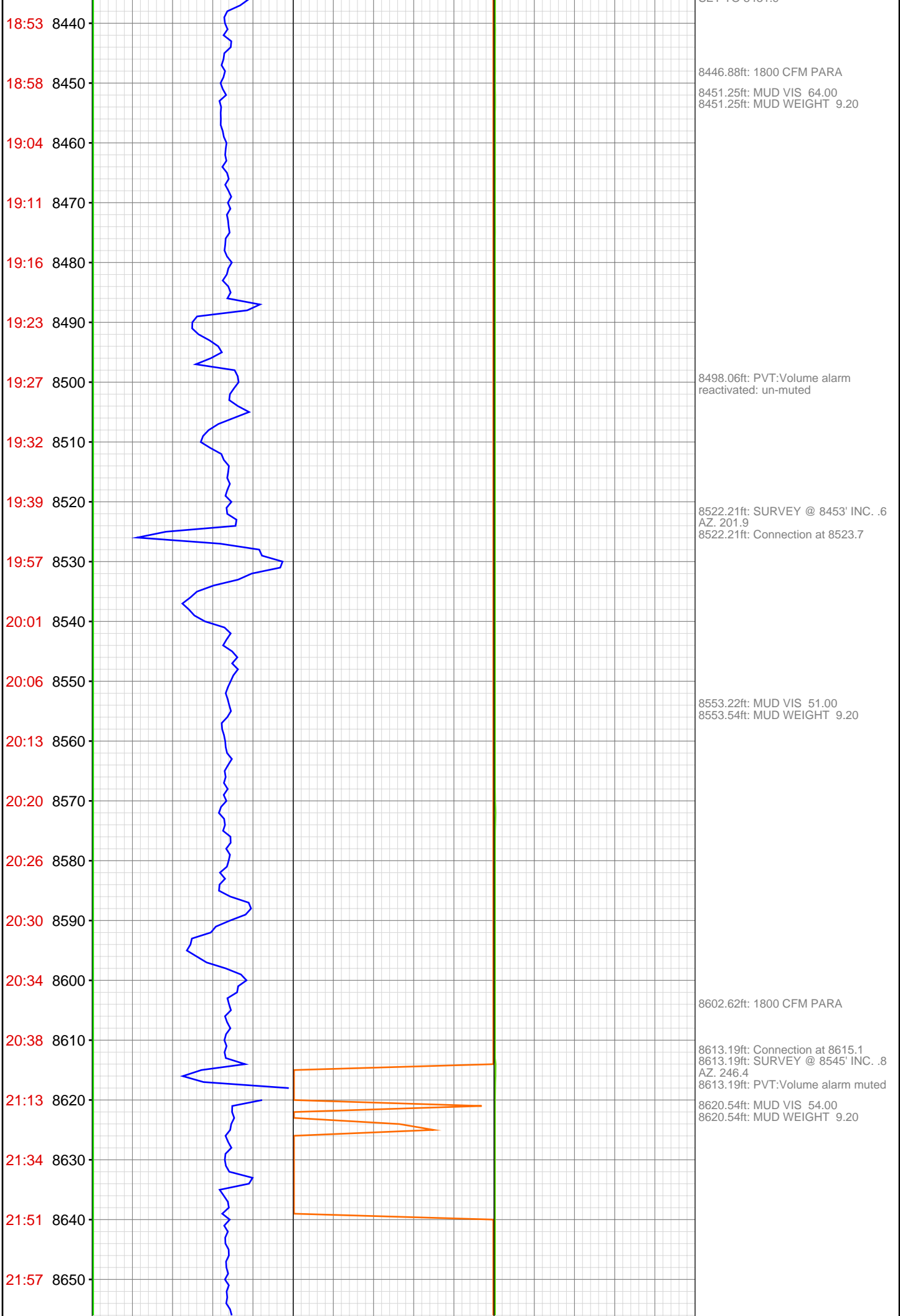












22:01 8660

22:06 8670

22:14 8680

22:18 8690

22:24 8700

22:58 8710

23:10 8720

23:36 8730

23:53 8740

Apr 10, 2012

00:08 8760

00:16 8770

00:20 8780

00:26 8790

00:49 8800

01:02 8810

01:09 8820

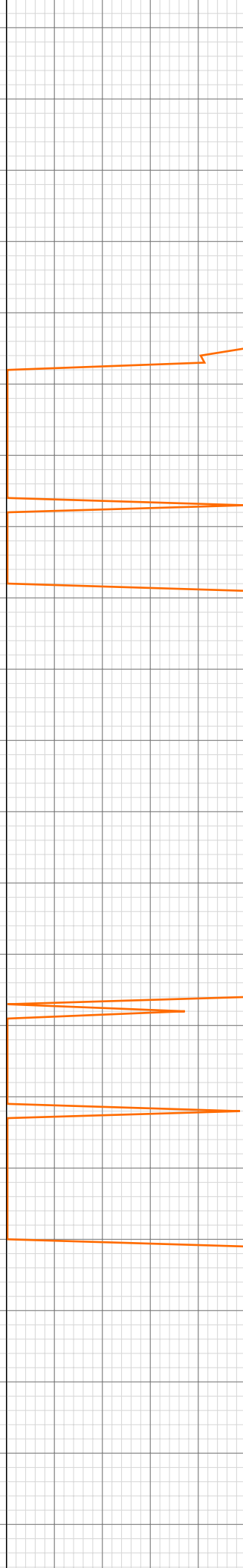
01:23 8830

01:29 8840

01:32 8850

01:36 8860

01:42 8870



8658.37ft: MUD VIS 58.00  
8658.56ft: MUD WEIGHT 9.20

8664.40ft: 1800 CFM PARA

8677.07ft: TRANSFERRED 50.00

8704.20ft: ZWOB from SideKick  
sk-06-03-3730  
8704.20ft: ZDiffPressure from  
SideKick sk-06-03-3730  
8704.20ft: SURVEY @ 8636' INC. 1.5  
AZ. 270.6  
8704.20ft: Connection at 8706.5  
8707.61ft: MUD VIS 56.00  
8707.61ft: MUD WEIGHT 9.20

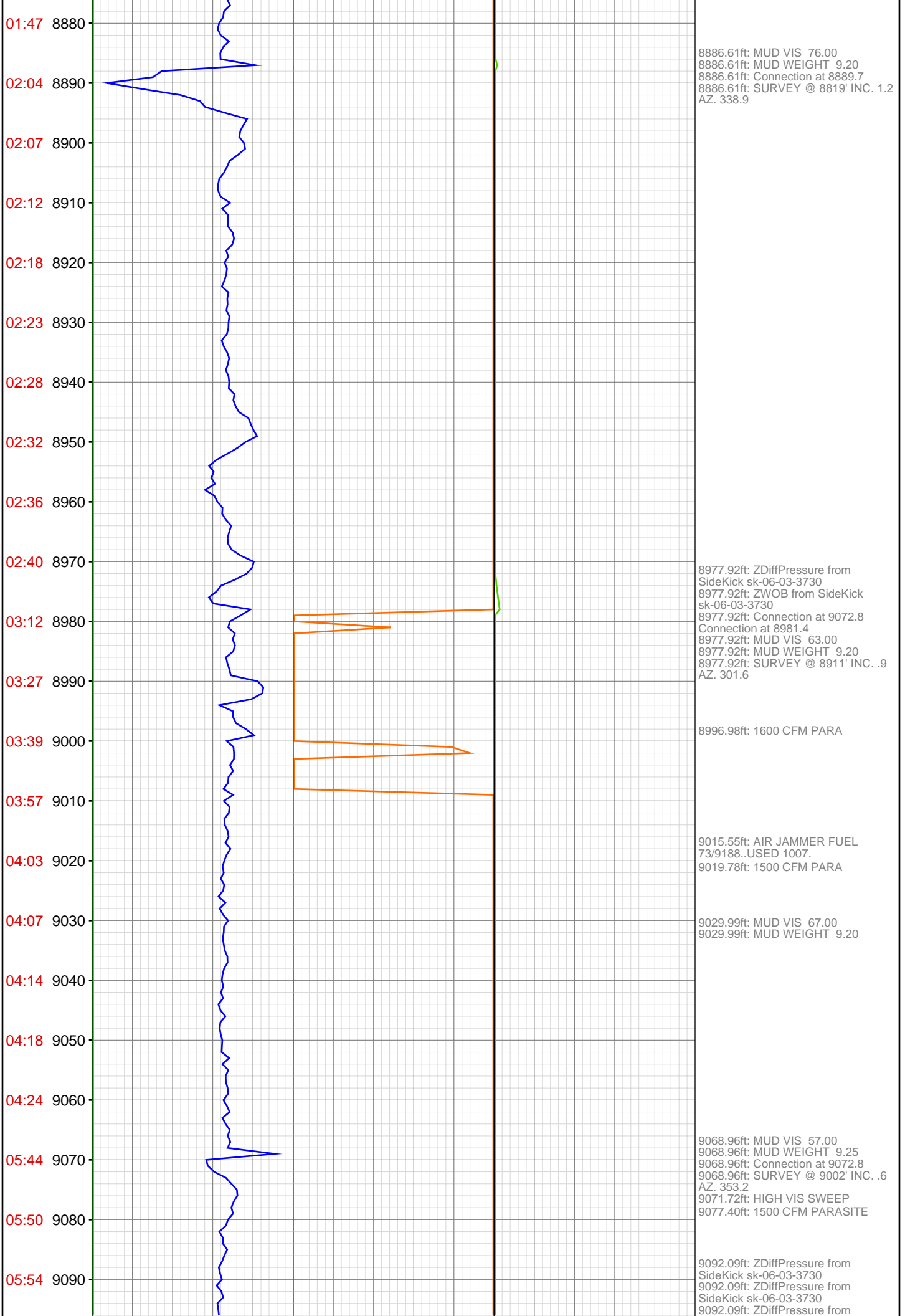
8738.03ft: 1800 CFM PARA

8750.49ft: MUD VIS 57.00  
8750.49ft: MUD WEIGHT 9.20

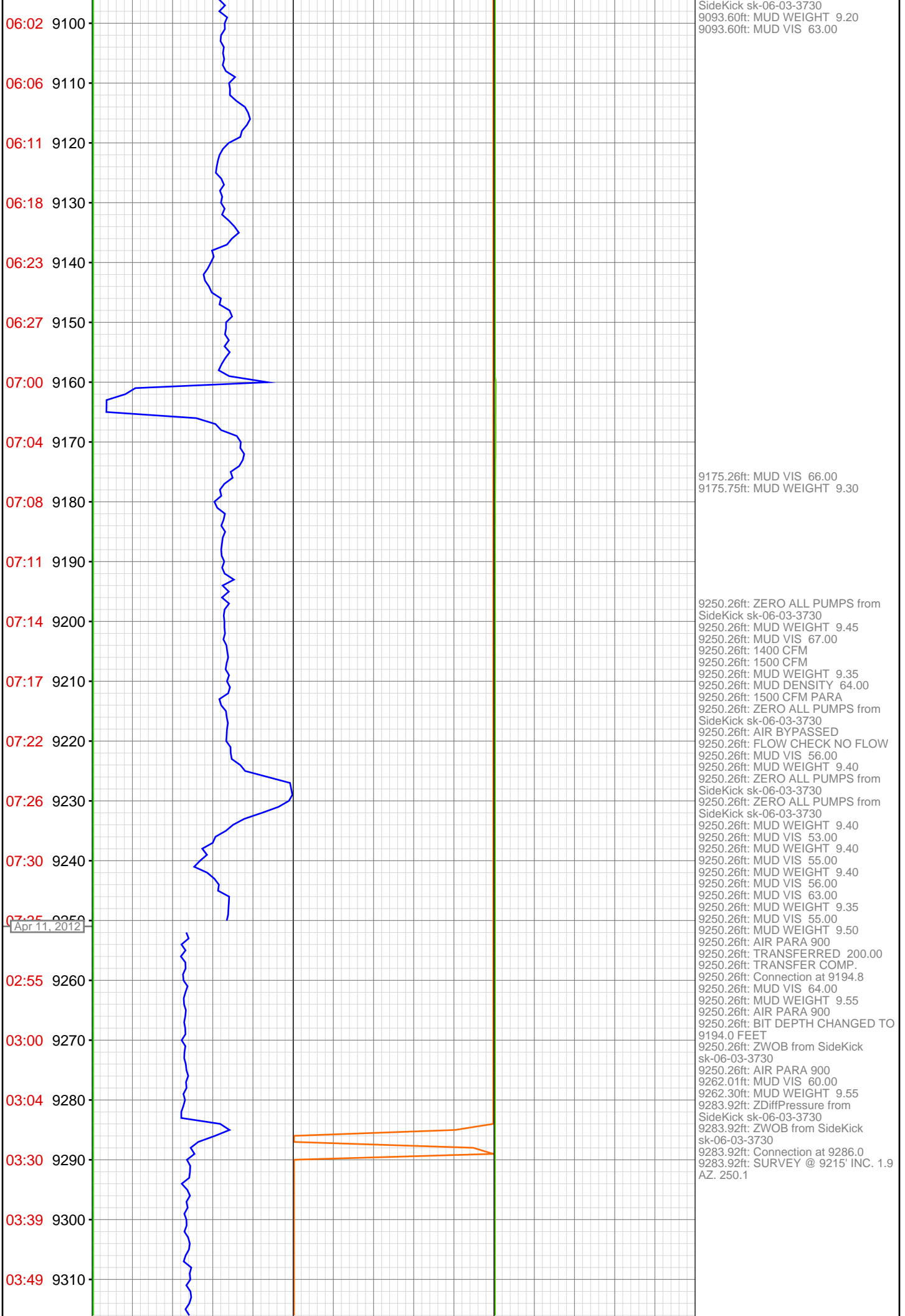
8795.64ft: Connection at 8798.3  
SURVEY @ 8728' INC. 1.2 AZ. 293.2

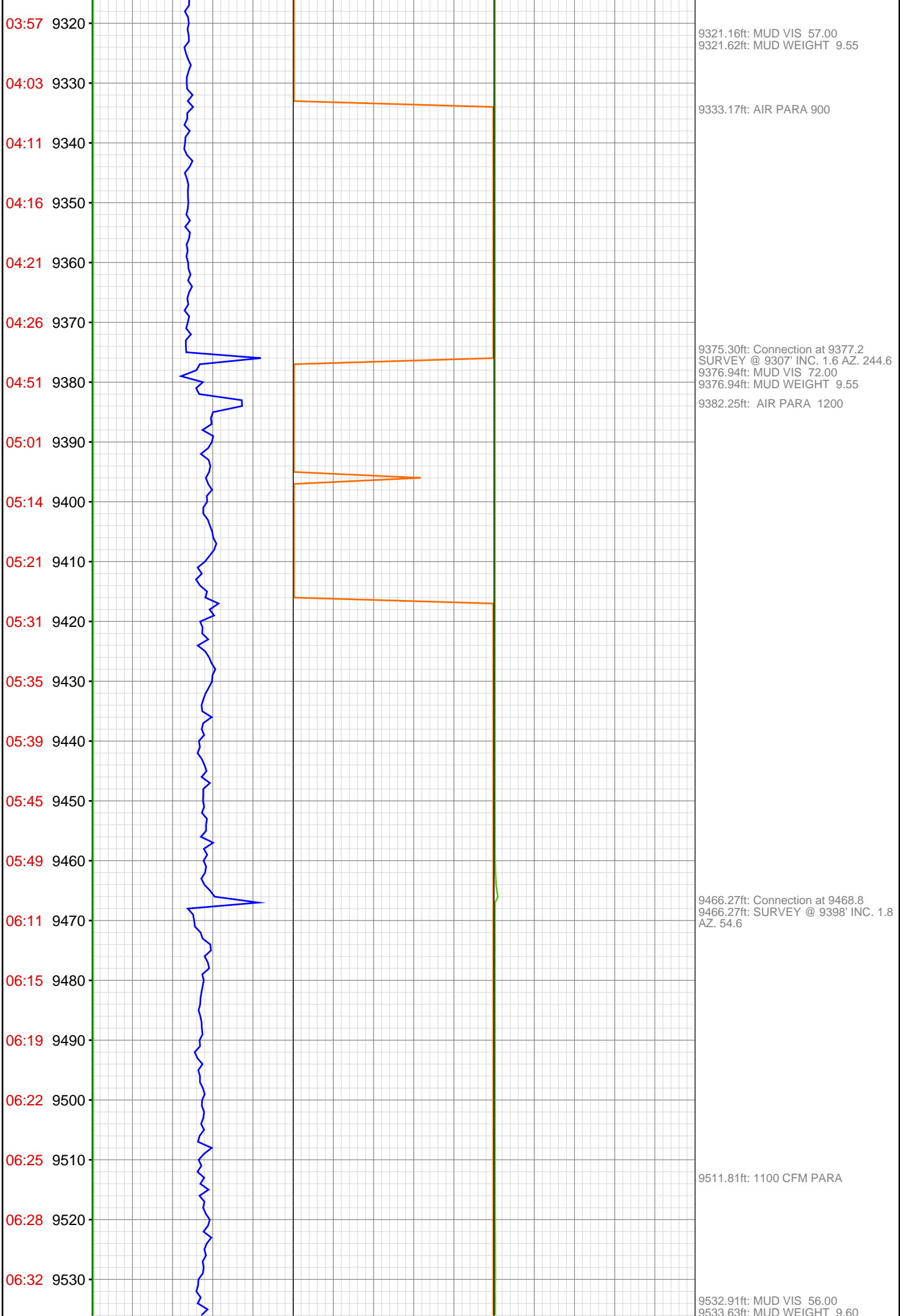
8802.36ft: MUD VIS 58.00  
8802.36ft: MUD WEIGHT 9.20

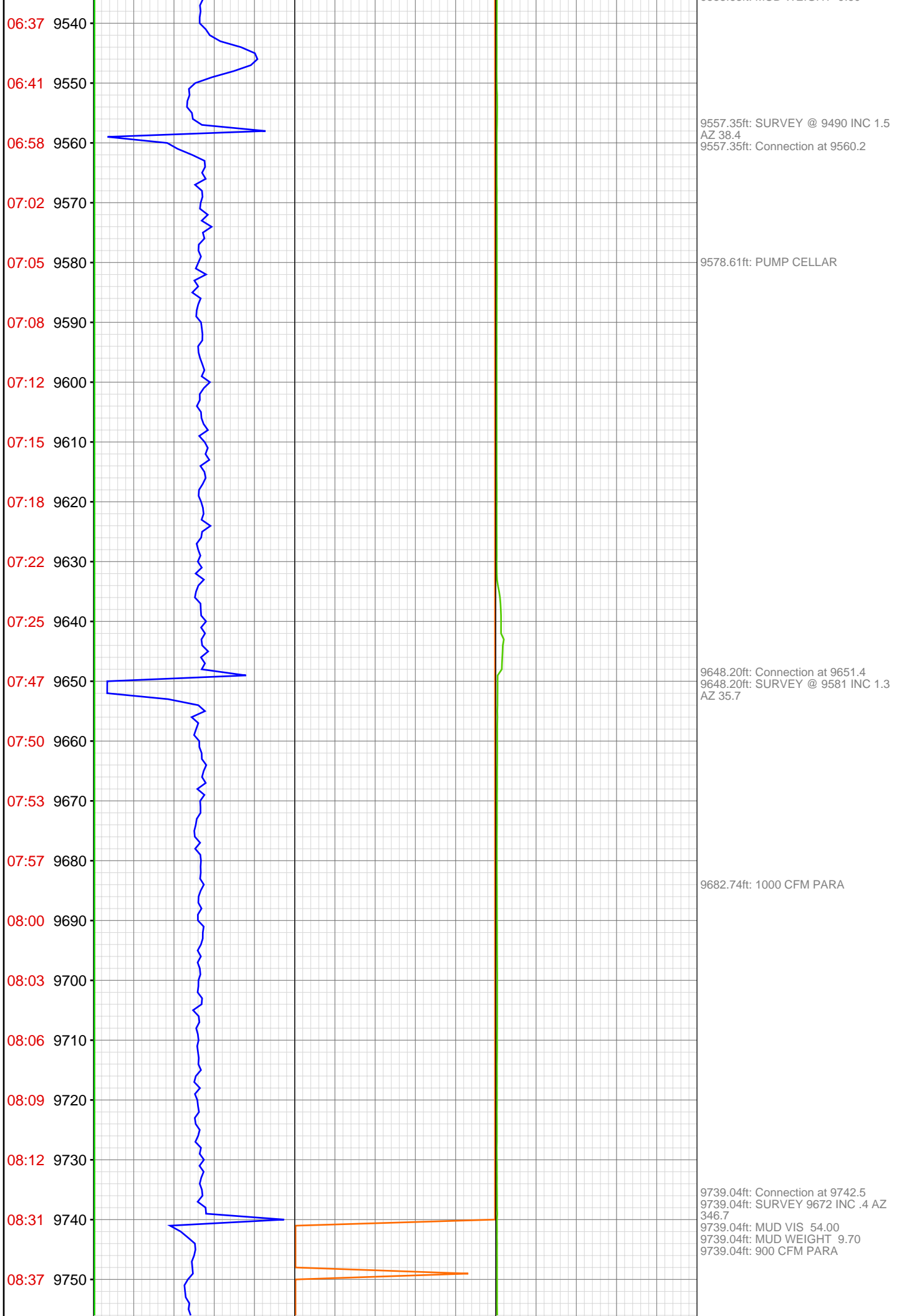
8832.87ft: 1800 CFM PARA



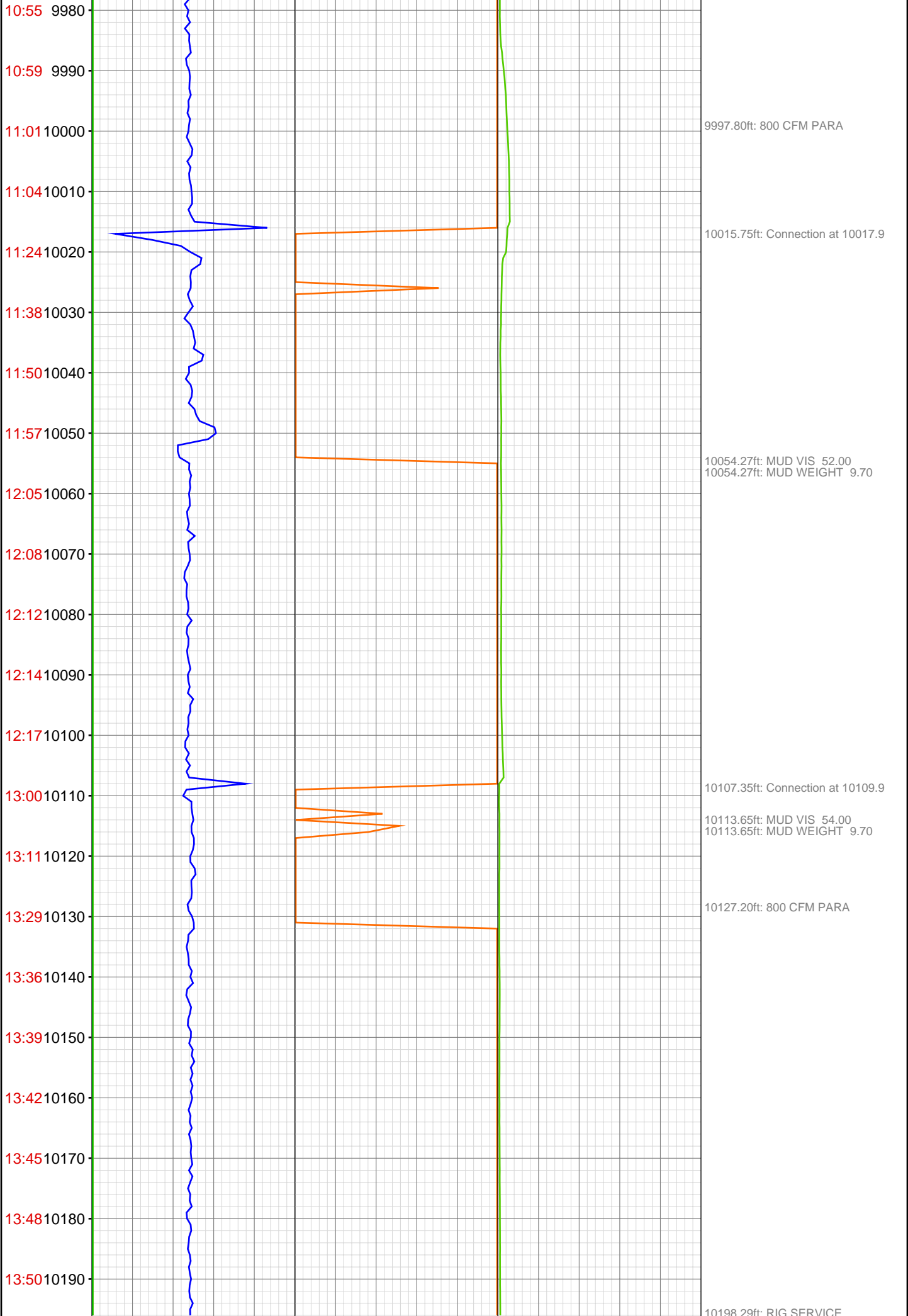


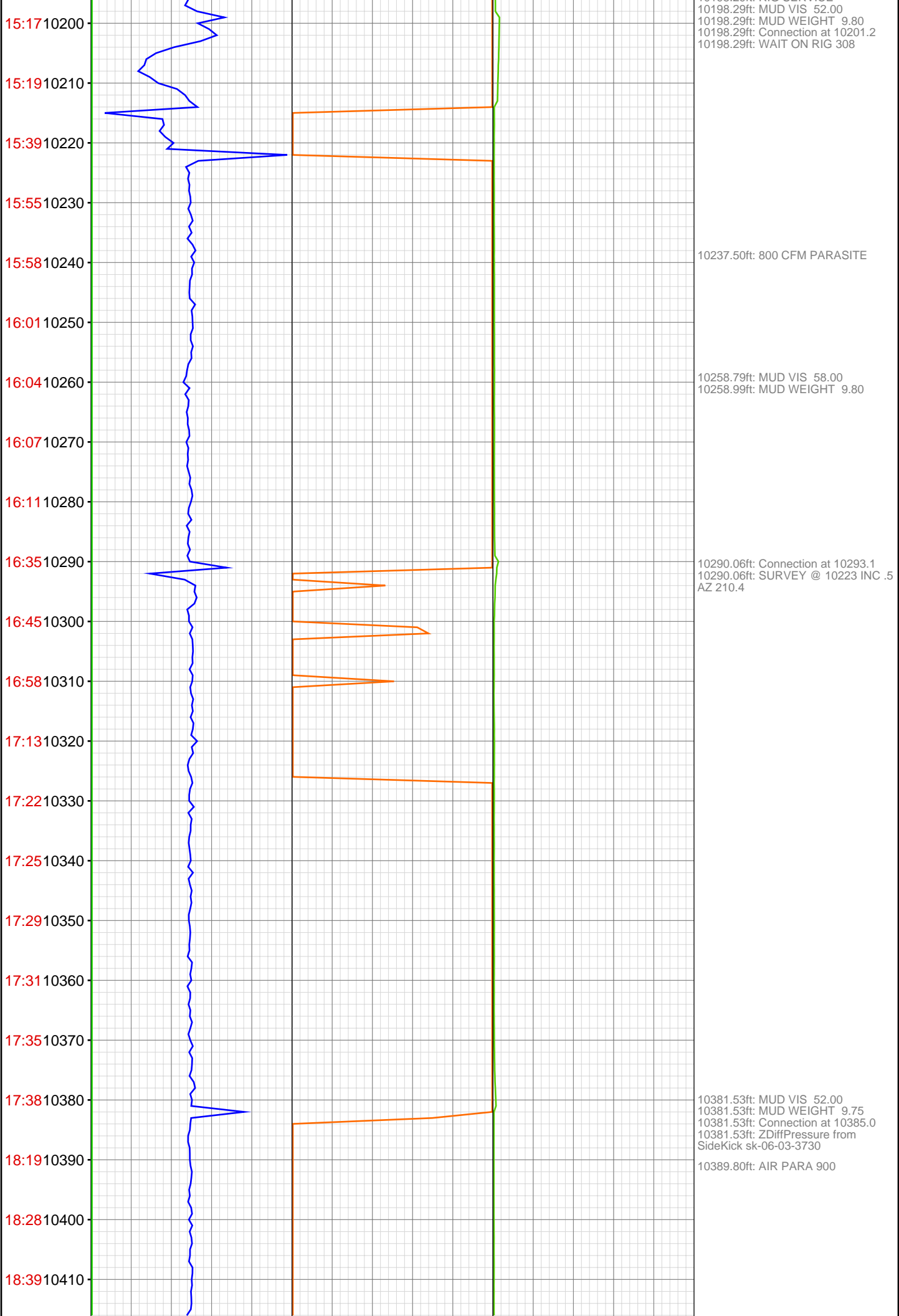


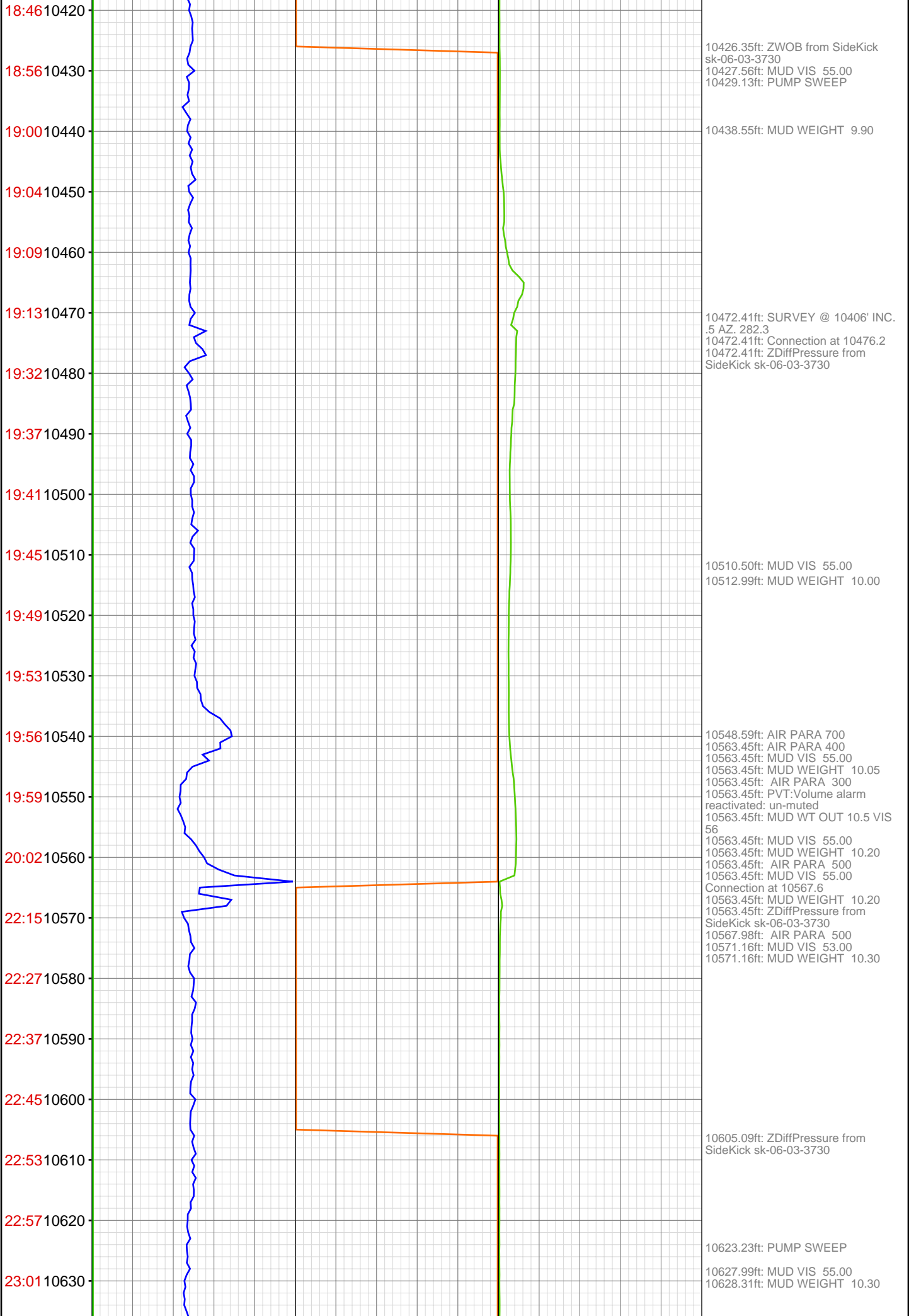












23:05 10640

23:09 10650

Apr 12, 2012

00:11 10670

00:19 10680

00:29 10690

00:31 10700

00:35 10710

00:40 10720

00:45 10730

00:49 10740

01:10 10750

01:14 10760

01:18 10770

01:23 10780

01:27 10790

01:30 10800

01:35 10810

01:39 10820

01:45 10830

02:17 10840

02:21 10850

10654.53ft: Connection at 10659.0  
10654.53ft: ZDiffPressure from  
SideKick sk-06-03-3730  
10654.53ft: WAIT ON 308  
10654.53ft: SURVEY @ 10589' INC.  
.6 AZ. 15.6  
10659.32ft: MUD VIS 56.00  
10659.32ft: MUD WEIGHT 10.30

10681.46ft: PUMP SWEEP  
10681.46ft: ZDiffPressure from  
SideKick sk-06-03-3730  
10681.46ft: ZWOB from SideKick  
sk-06-03-3730  
10681.46ft: PUMP SWEEP  
10681.59ft: ZWOB from SideKick  
sk-06-03-3730

10700.53ft: TRANS 200BLS

10715.35ft: TRANS COMP

10724.11ft: MUD VIS 65.00  
10727.00ft: MUD WEIGHT 10.25

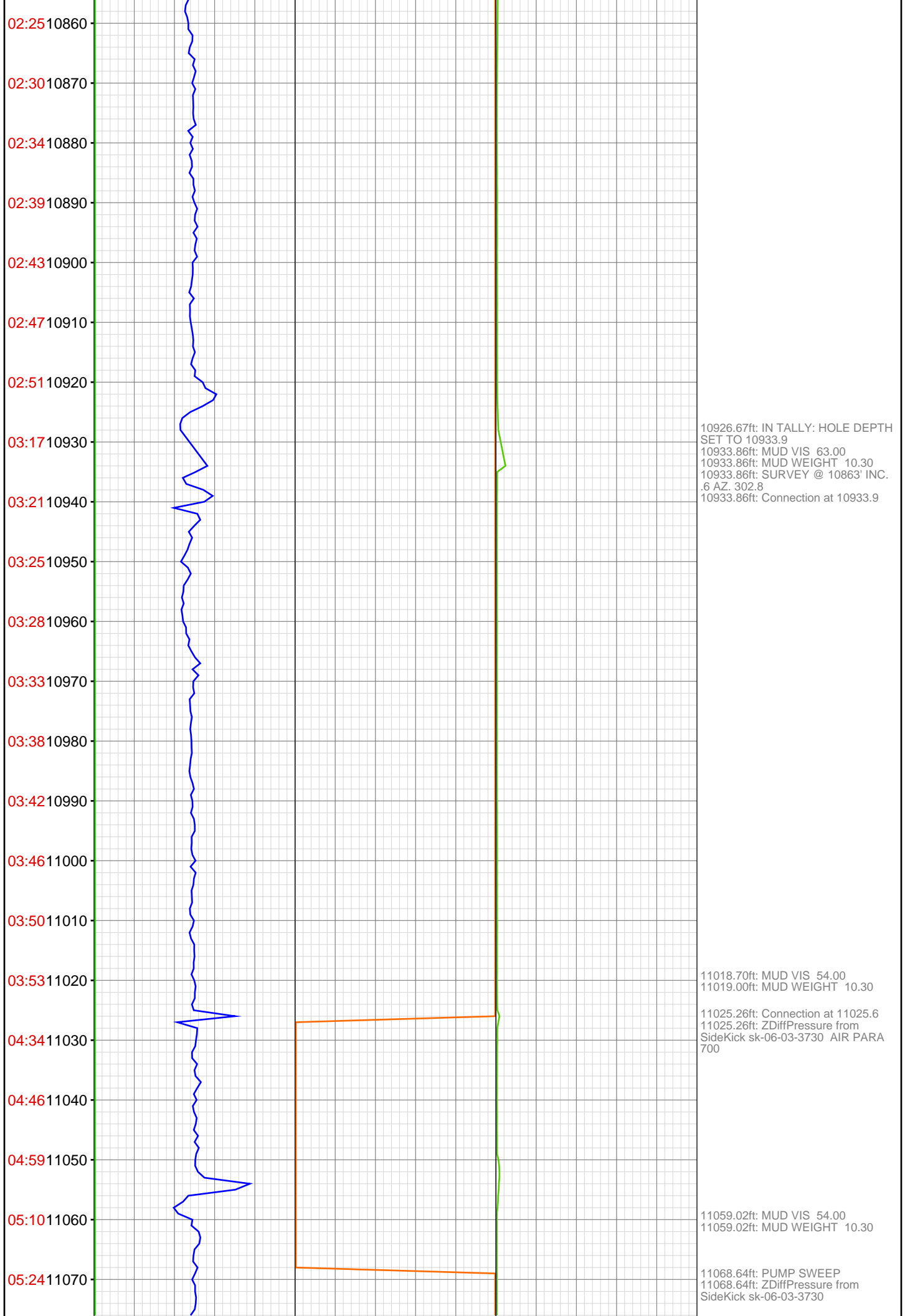
10746.00ft: ZWOB from SideKick  
sk-06-03-3730  
10746.00ft: SURVEY @ 10680' INC.  
1.2 AZ. 356.6  
10746.00ft: Connection at 10750.8

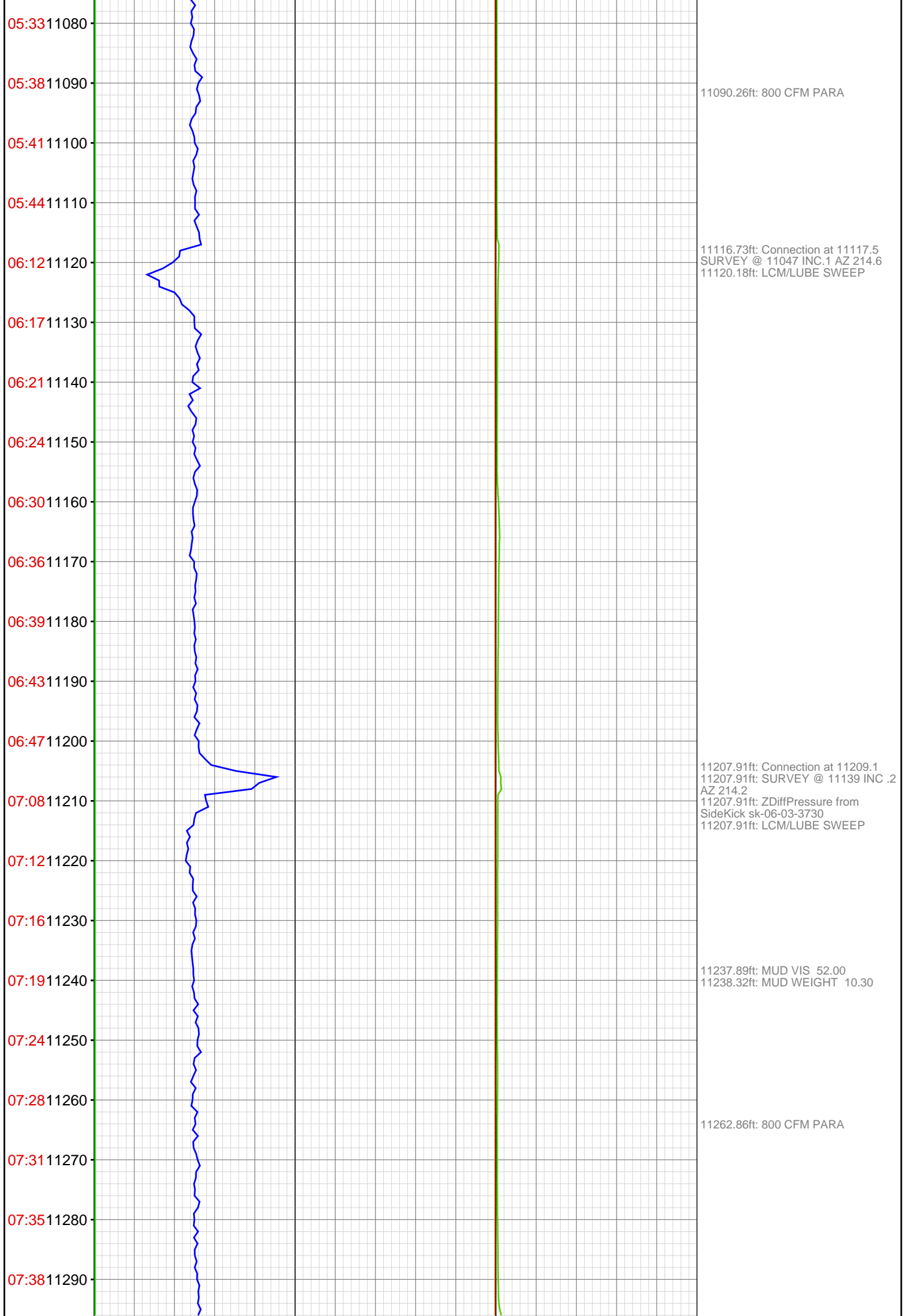
10755.94ft: AIR PARA 500

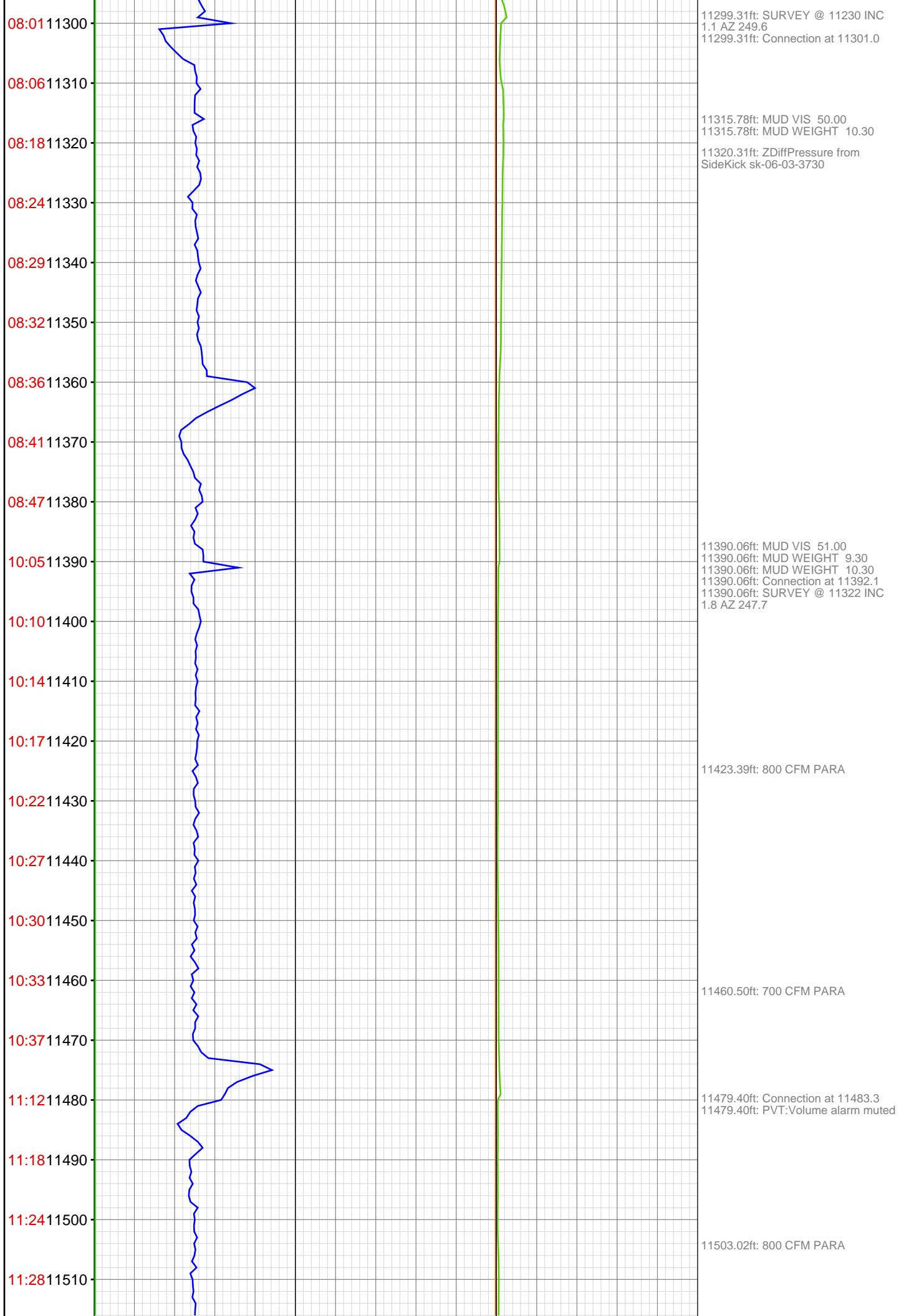
10837.04ft: MUD VIS 55.00  
10837.04ft: MUD WEIGHT 10.25  
10837.04ft: Connection at 10842.2  
10837.04ft: SURVEY @ 10772' INC.  
.6 AZ. 329.0  
10837.34ft: PUMP SWEEP

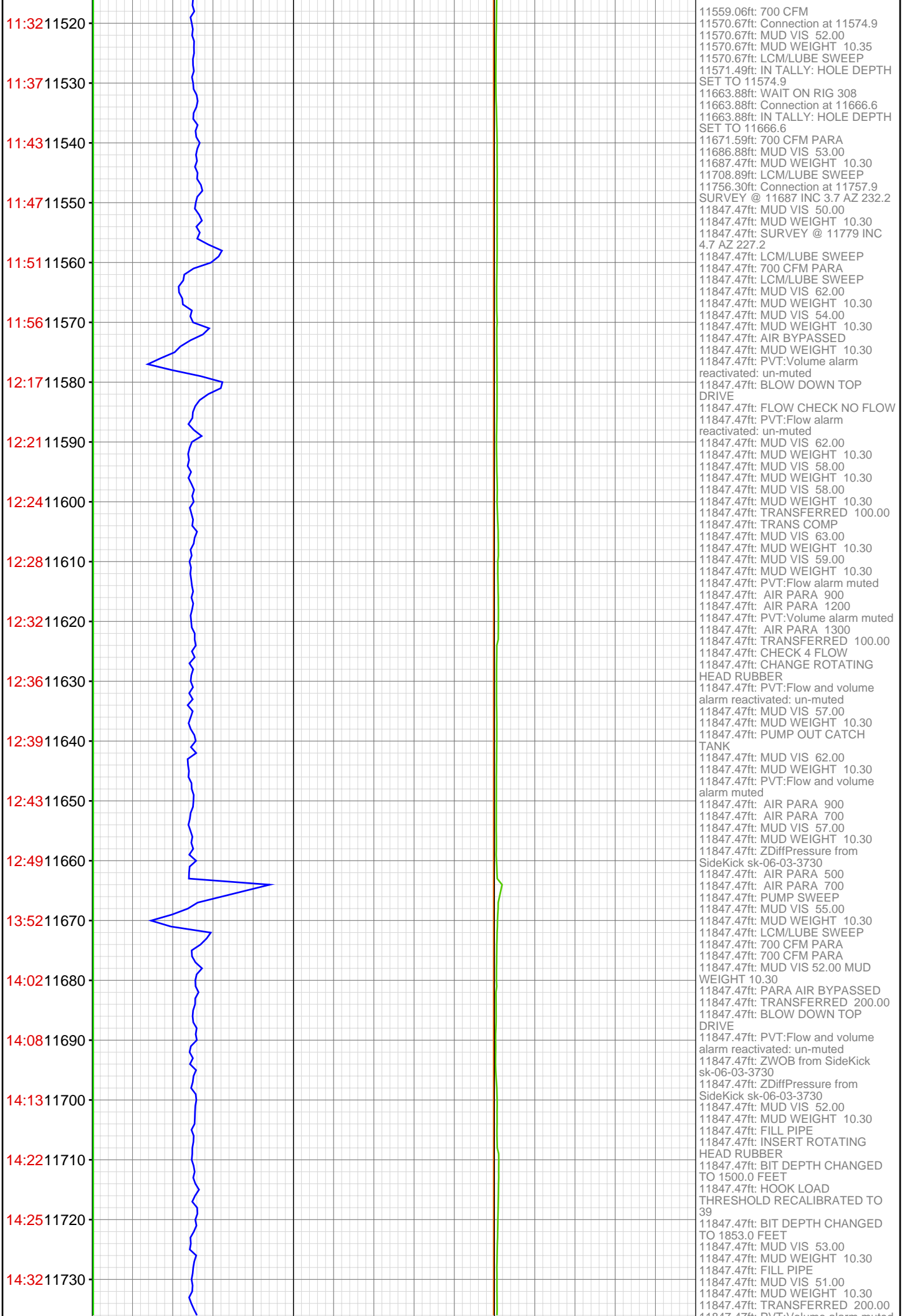
10852.63ft: AIR PARA 600











14:36 11740  
14:42 11750  
15:14 11760  
15:19 11770  
15:26 11780  
15:32 11790  
15:36 11800  
15:41 11810  
15:45 11820  
15:51 11830  
15:55 11840  
11850



11847.47ft: PVT:Volume alarm muted  
11847.47ft: MUD VIS 53.00  
11847.47ft: MUD WEIGHT 10.30  
11847.47ft: MUD VIS 52.00  
11847.47ft: MUD WEIGHT 10.30  
11847.47ft: BIT DEPTH CHANGED  
TO 7842.0 FEET  
11847.47ft: PVT:Flow alarm muted  
11847.47ft: MUD VIS 52.00  
11847.47ft: MUD WEIGHT 10.30  
11847.47ft: AIR PARA 900  
11847.47ft: PVT:Flow and volume  
alarm reactivated: un-muted  
11847.47ft: MUD VIS 53.00  
11847.47ft: MUD WEIGHT 10.30  
11847.47ft: PVT:Flow alarm muted  
11847.47ft: PVT:Volume alarm muted  
11847.47ft: BREAK CIRC-BRIDGE  
11847.47ft: AIR PARA 900  
11847.47ft: PVT:Flow and volume  
alarm reactivated: un-muted  
11847.47ft: MUD VIS 52.00  
11847.47ft: MUD WEIGHT 10.30  
11847.47ft: PVT:Flow and volume  
alarm muted  
11847.47ft: MUD VIS 55.00  
11847.47ft: MUD WEIGHT 10.30  
11847.47ft: AIR PARA 900  
11847.47ft: 800 CFM PARA  
11847.47ft: MUD VIS 54.00  
11847.47ft: MUD WEIGHT 10.30  
11847.47ft: 700 CFM PARA  
11847.47ft: AIR BYPASSED  
11847.47ft: PVT:Flow and volume  
alarm reactivated: un-muted  
11847.47ft: START AIR PILLS  
11847.47ft: PVT:Flow alarm muted  
11847.47ft: 500 CFM PARA  
11847.47ft: MUD VIS 52.00  
11847.47ft: MUD WEIGHT 10.30  
11847.47ft: 400 CFM PARA  
11847.47ft: 300 CFM PARA  
11847.47ft: 200 CFM PARA  
11847.47ft: PVT:Volume alarm muted  
11847.47ft: MUD VIS 50.00  
11847.47ft: MUD WEIGHT 10.30  
11847.47ft: 100 CFM PARA  
11847.47ft: BIT DEPTH CHANGED  
TO 11537.0 FEET  
11847.47ft: 100 CFM PARA  
11847.47ft: MUD VIS 48.00  
11847.47ft: MUD WEIGHT 10.30  
11847.47ft: 50 CFM PARA  
11847.47ft: MUD VIS 45.00  
11847.47ft: MUD WEIGHT 10.30  
11847.47ft: AIR BYPASSED  
11847.47ft: TRANSFERRED 100.00  
11847.47ft: TRANSFER 50BBLs  
11847.47ft: 200 CFM PARA  
11847.47ft: 100 CFM PARA  
11847.47ft: 200 CFM PARA  
11847.47ft: 100 CFM PARA  
11847.47ft: AIR BYPASSED  
11847.47ft: 200 CFM PARA