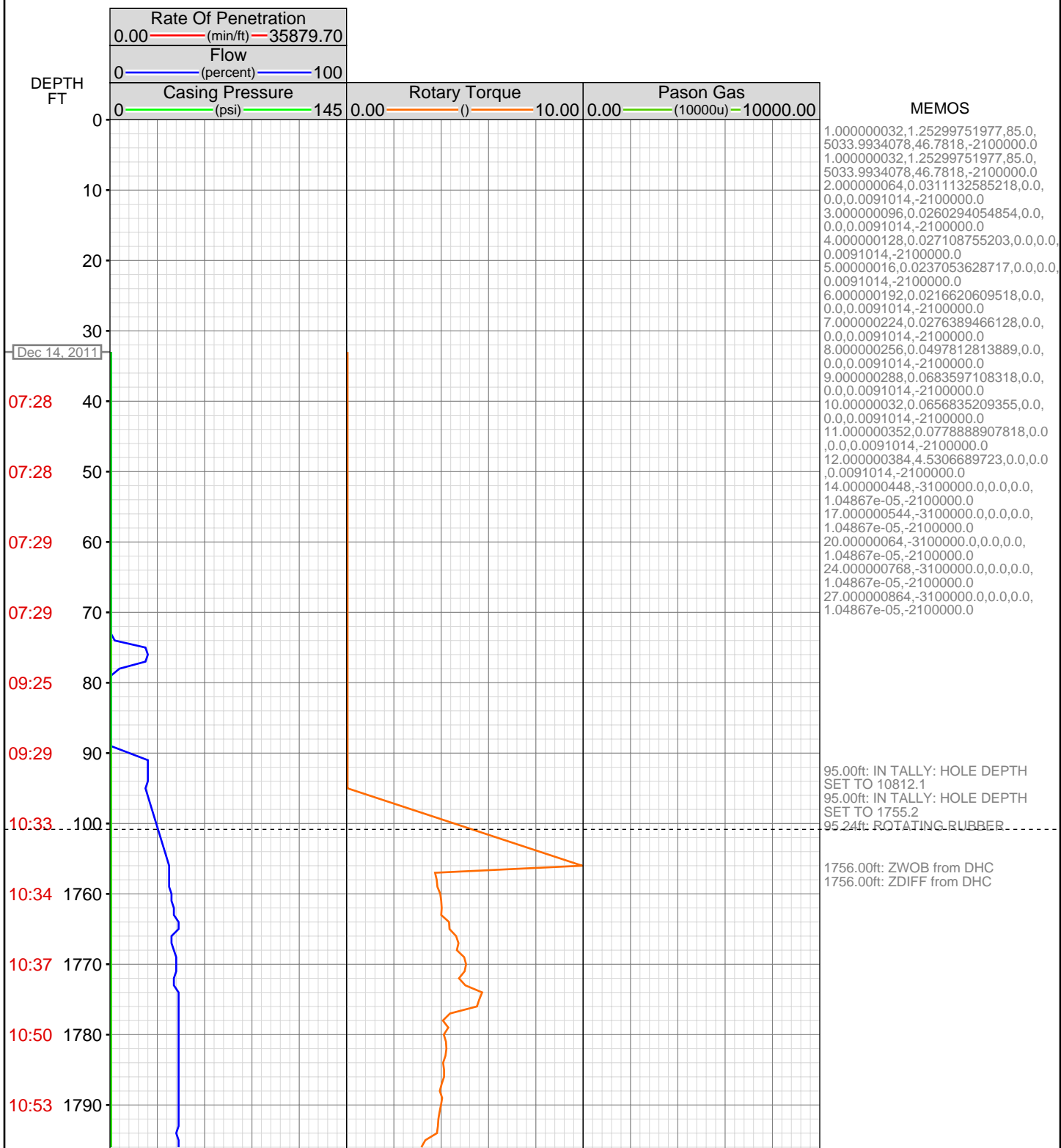
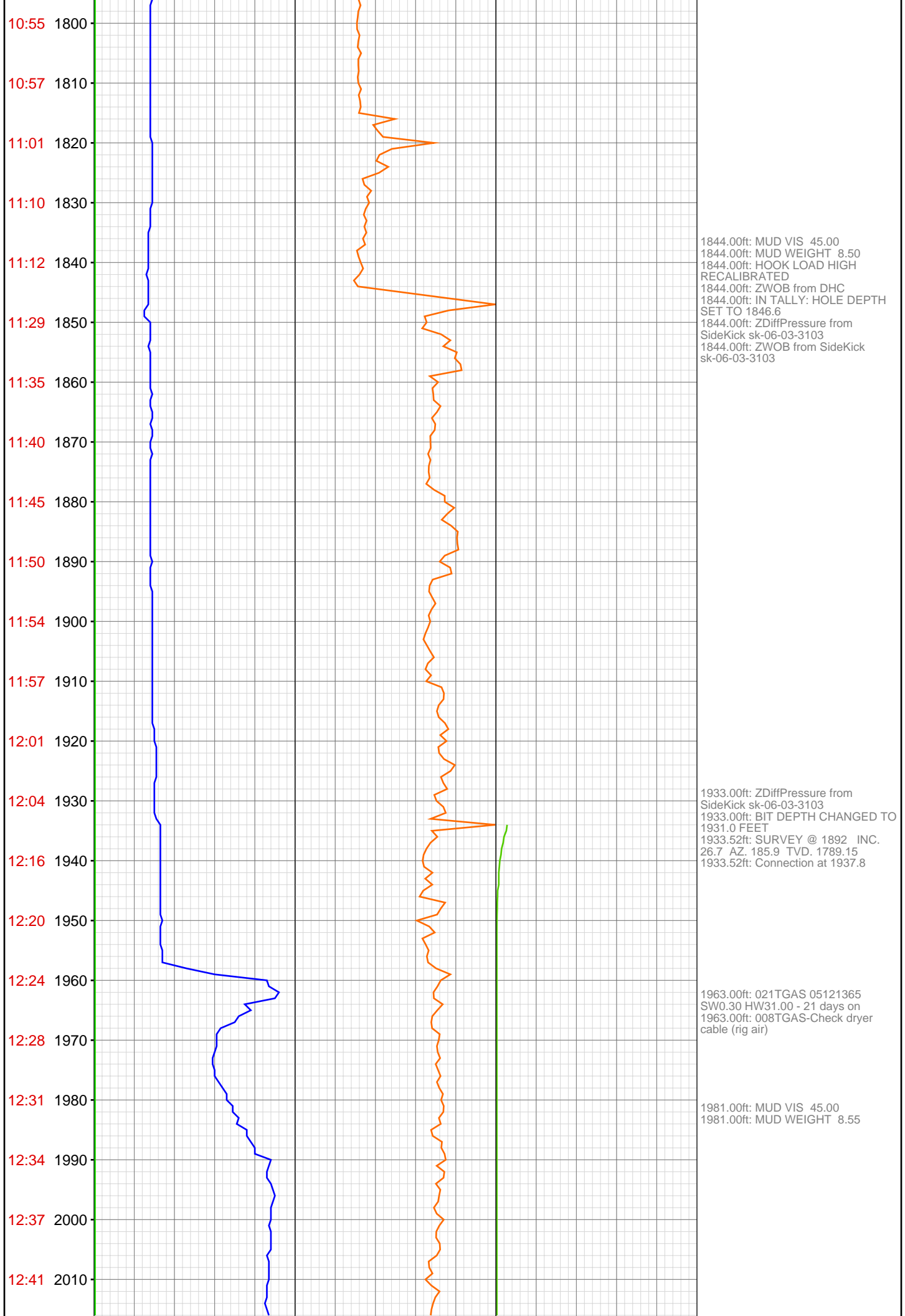


OPERATOR: EnCana Oil & Gas (USA), Inc.
WELL: NP EF08D-34 P27 595 PRODUCTION
FIELD:
LOCATION: QTR QTR SESE 27 TWP 5S RNG MERIDIAN
COUNTRY: USA
RIG: Pat-UTI 303

CONTRACTOR: Patterson-UTI Drilling Company
UNIQUE WELL ID: 05-045 20287.00
SPUD DATE: Dec 14, 2011 11:30
RELEASE DATE: Dec 21, 2011 01:30





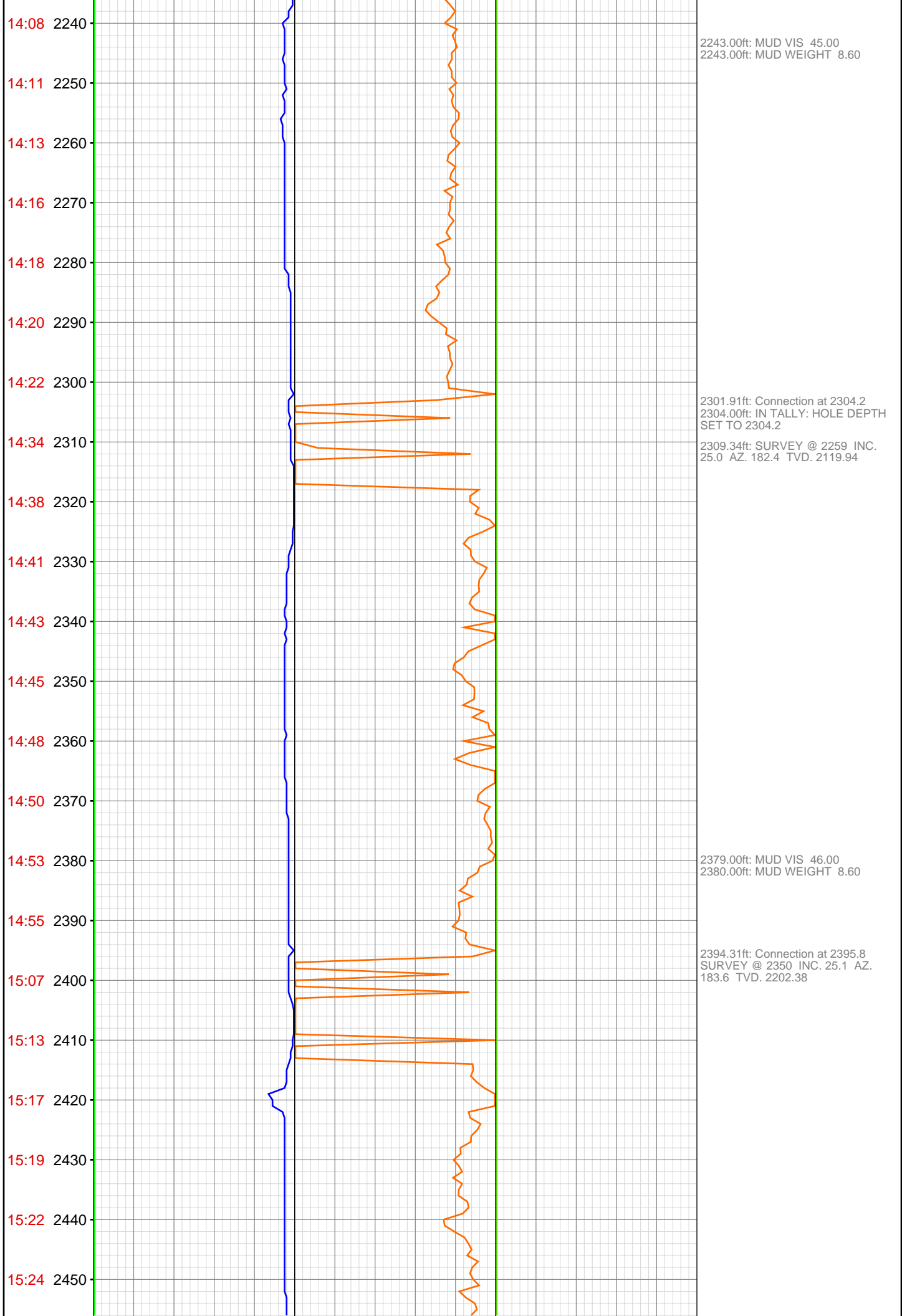
12:45 2020
12:56 2030
12:59 2040
13:02 2050
13:05 2060
13:10 2070
13:13 2080
13:16 2090
13:19 2100
13:22 2110
13:31 2120
13:34 2130
13:36 2140
13:39 2150
13:41 2160
13:43 2170
13:45 2180
13:47 2190
13:50 2200
13:53 2210
14:02 2220
14:05 2230

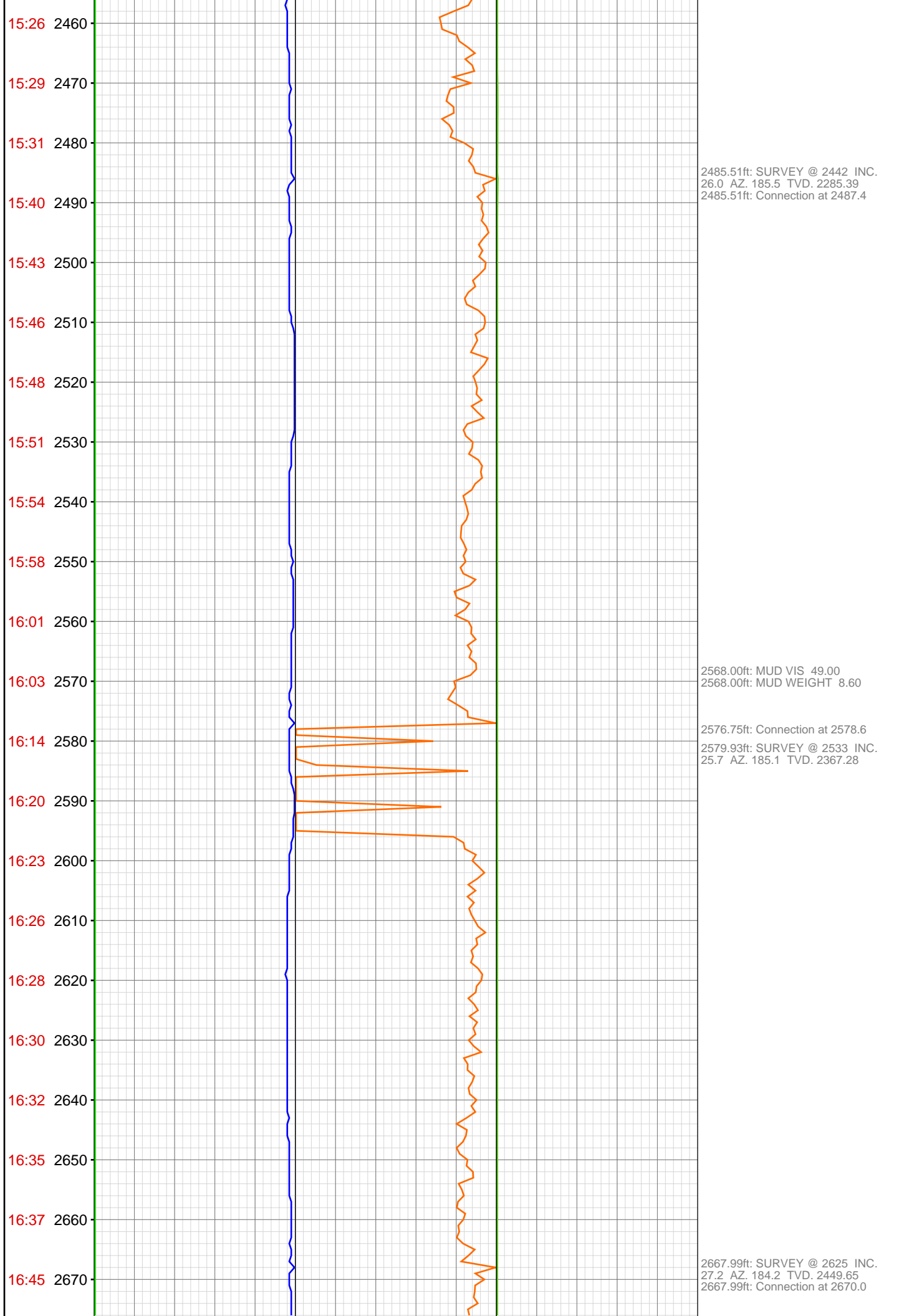


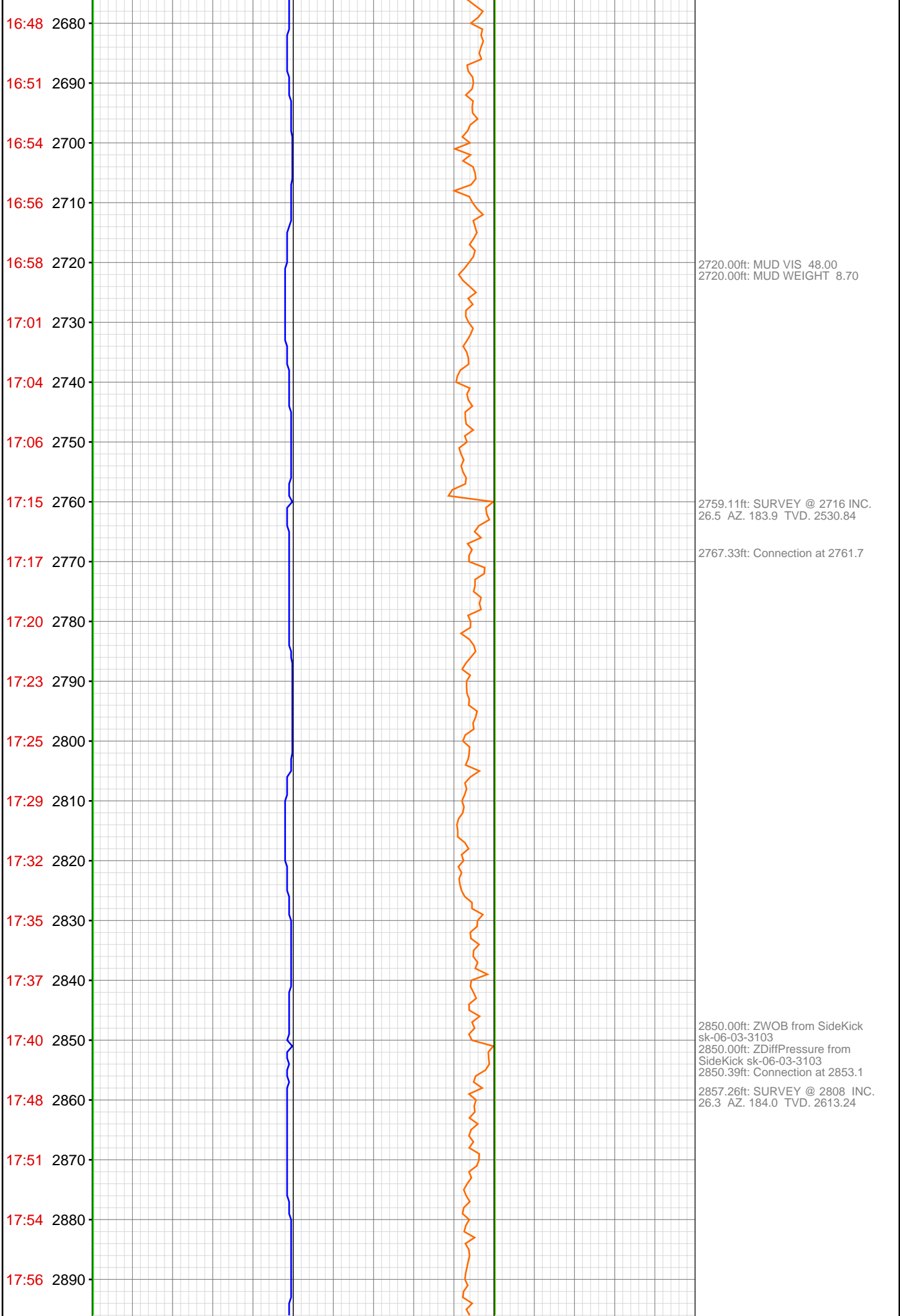
2024.00ft: HOOKLOAD WAS RECALIBRATED
2024.00ft: HOOK LOAD THRESHOLD RECALIBRATED TO 46
2024.00ft: BIT DEPTH CHANGED TO 2025.0 FEET
2024.00ft: ZDiffPressure from SideKick sk-06-03-3103
2025.00ft: SURVEY @ 1984 INC. 26.1 AZ. 184.4 TVD. 1871.56 Connection at 2029.4

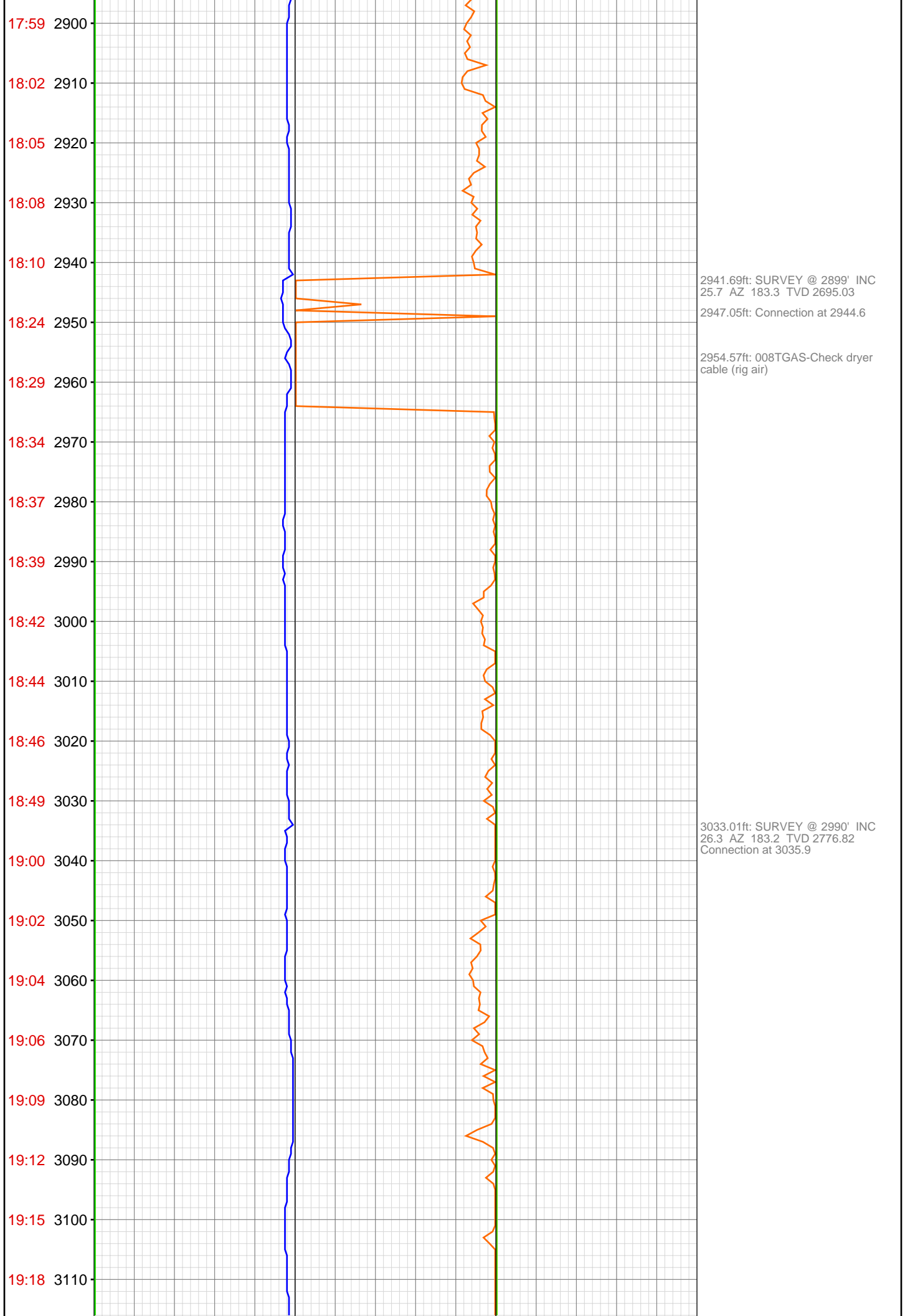
2119.35ft: SURVEY @ 2075 INC. 25.6 AZ. 183.3 TVD. 1953.45
2119.35ft: Connection at 2120.9

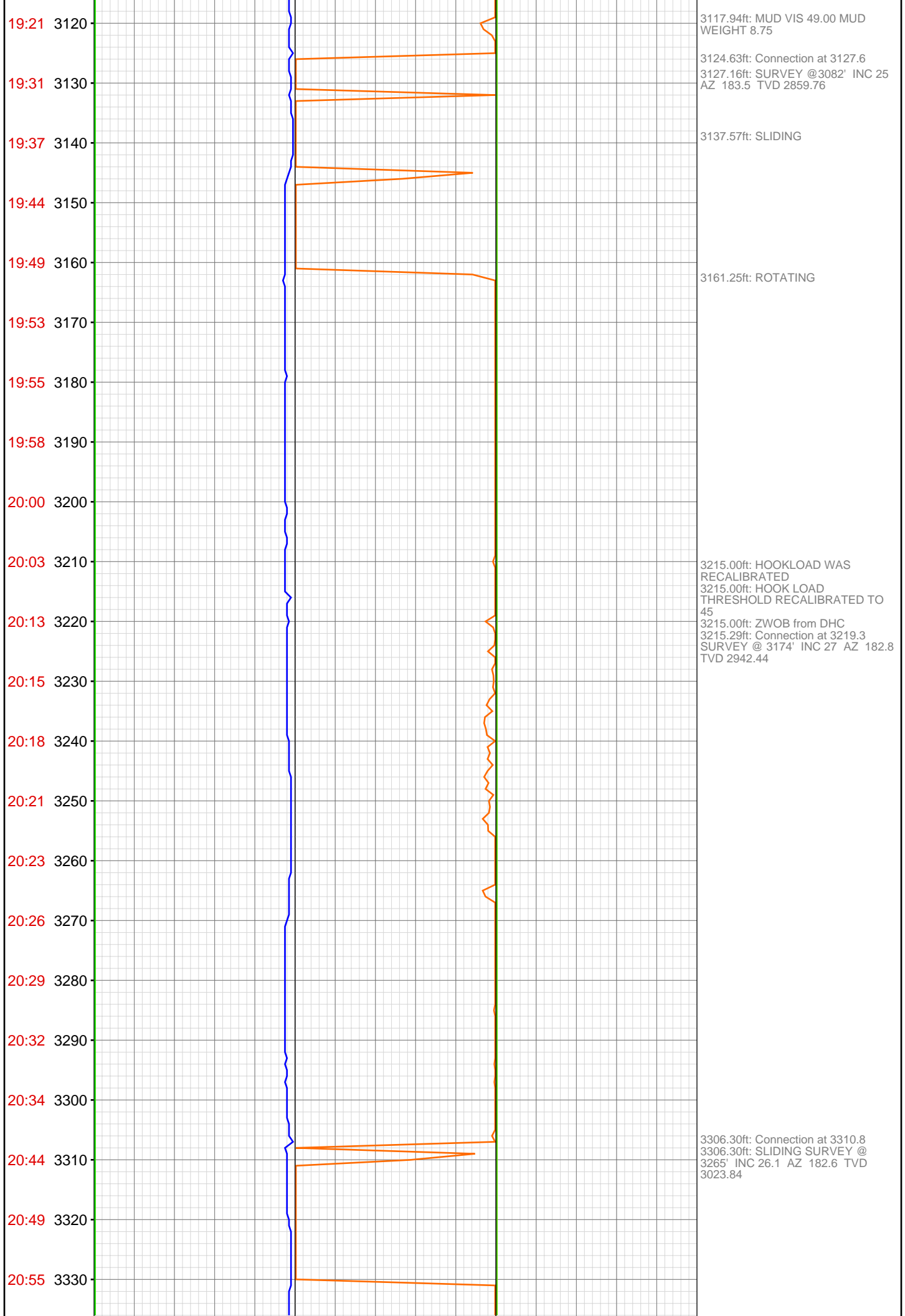
2210.65ft: SURVEY @ 2167 INC. 25.1 AZ. 183.8 TVD. 2036.59
2210.65ft: Connection at 2212.6

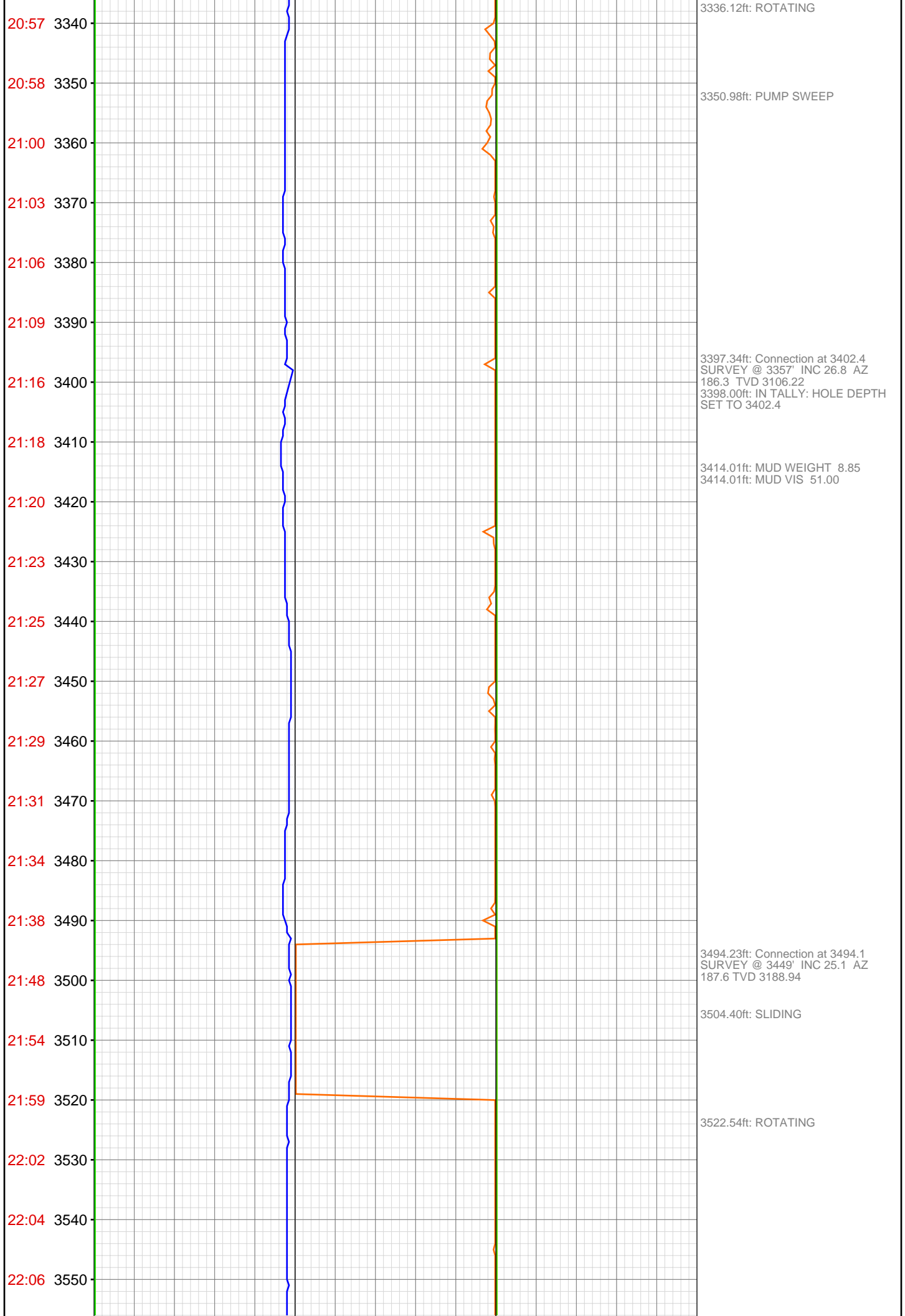
















01:09 4000
01:12 4010
01:15 4020
01:18 4030
01:27 4040
01:29 4050
01:33 4060
01:37 4070
01:40 4080
01:43 4090
01:45 4100
01:47 4110
01:50 4120
02:00 4130
02:03 4140
02:07 4150
02:14 4160
02:16 4170
02:19 4180
02:22 4190
02:25 4200
02:28 4210

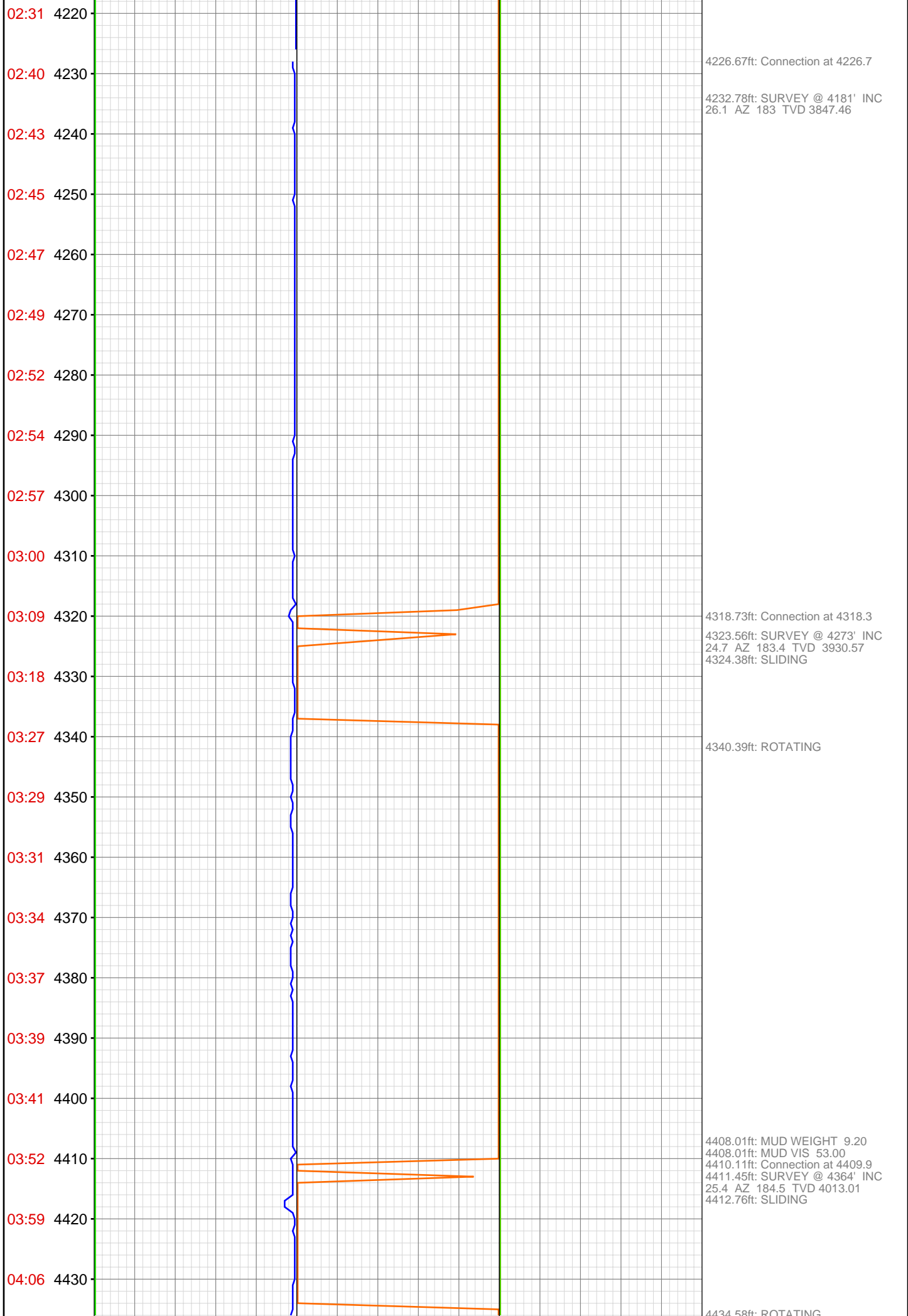
4038.39ft: SURVEY @ 3998' INC
26.7 AZ 183.7 TVD 3683.06
4038.39ft: Connection at 4043.9
4039.01ft: ZDIFF from DHC
4040.49ft: PUMP SWEEP

4129.00ft: IN TALLY: HOLE DEPTH
SET TO 4135.6
4129.07ft: Connection at 4135.6
4129.07ft: SURVEY @ 4090' INC
25.7 AZ 183.7 TVD 3765.6

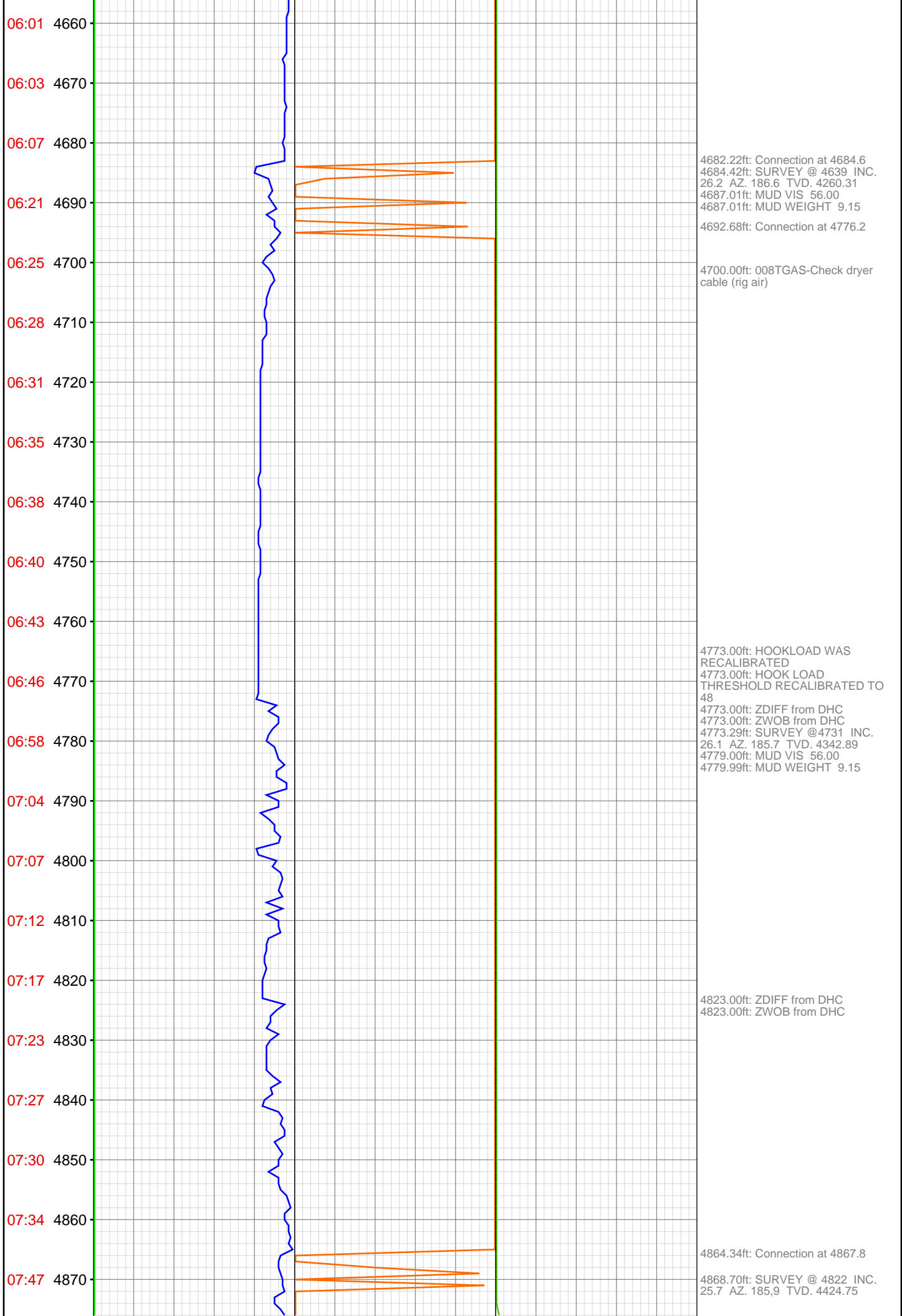
4141.77ft: SLIDING

4152.00ft: MUD WEIGHT 9.15
4153.18ft: MUD VIS 55.00

4164.57ft: ROTATING

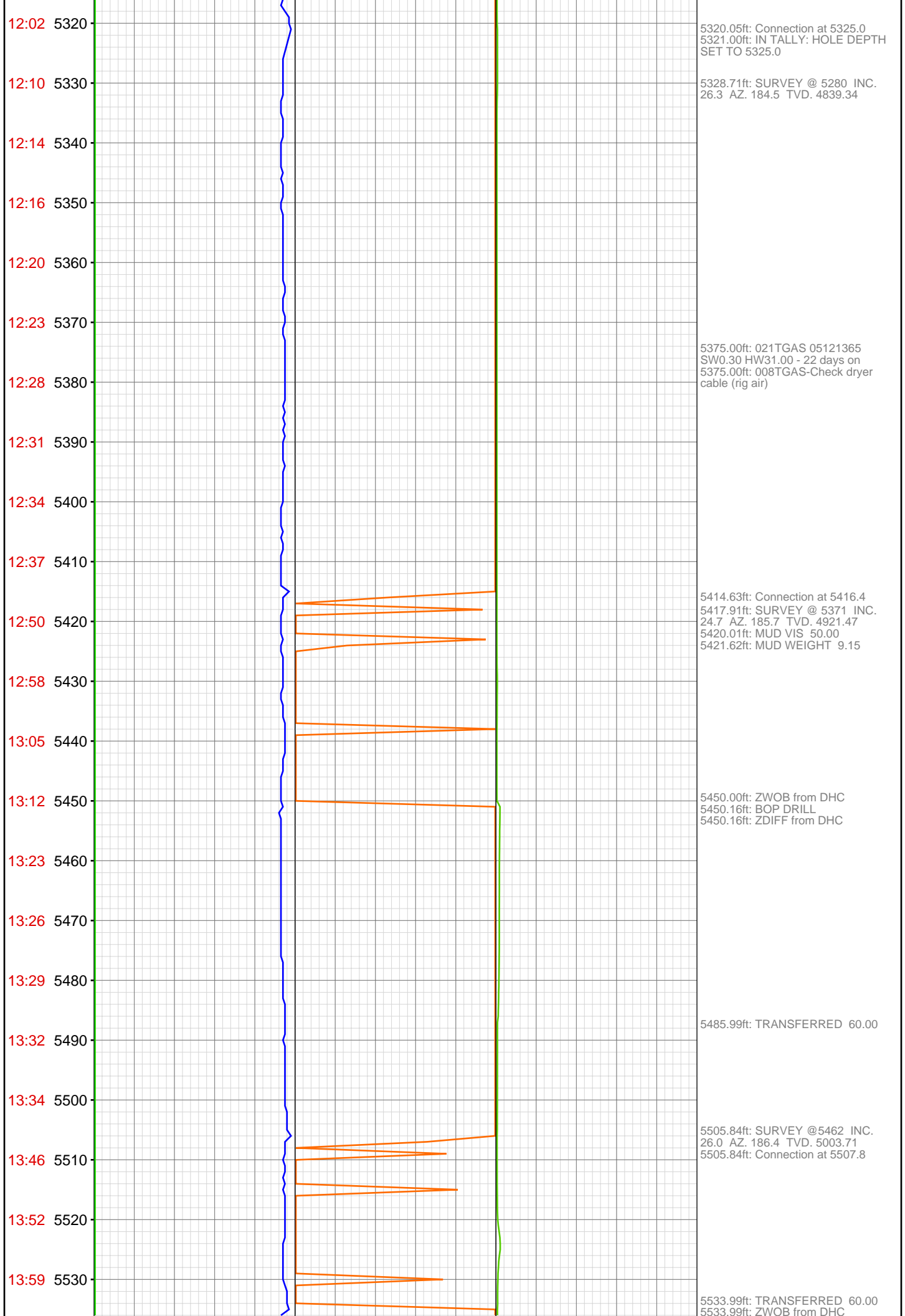


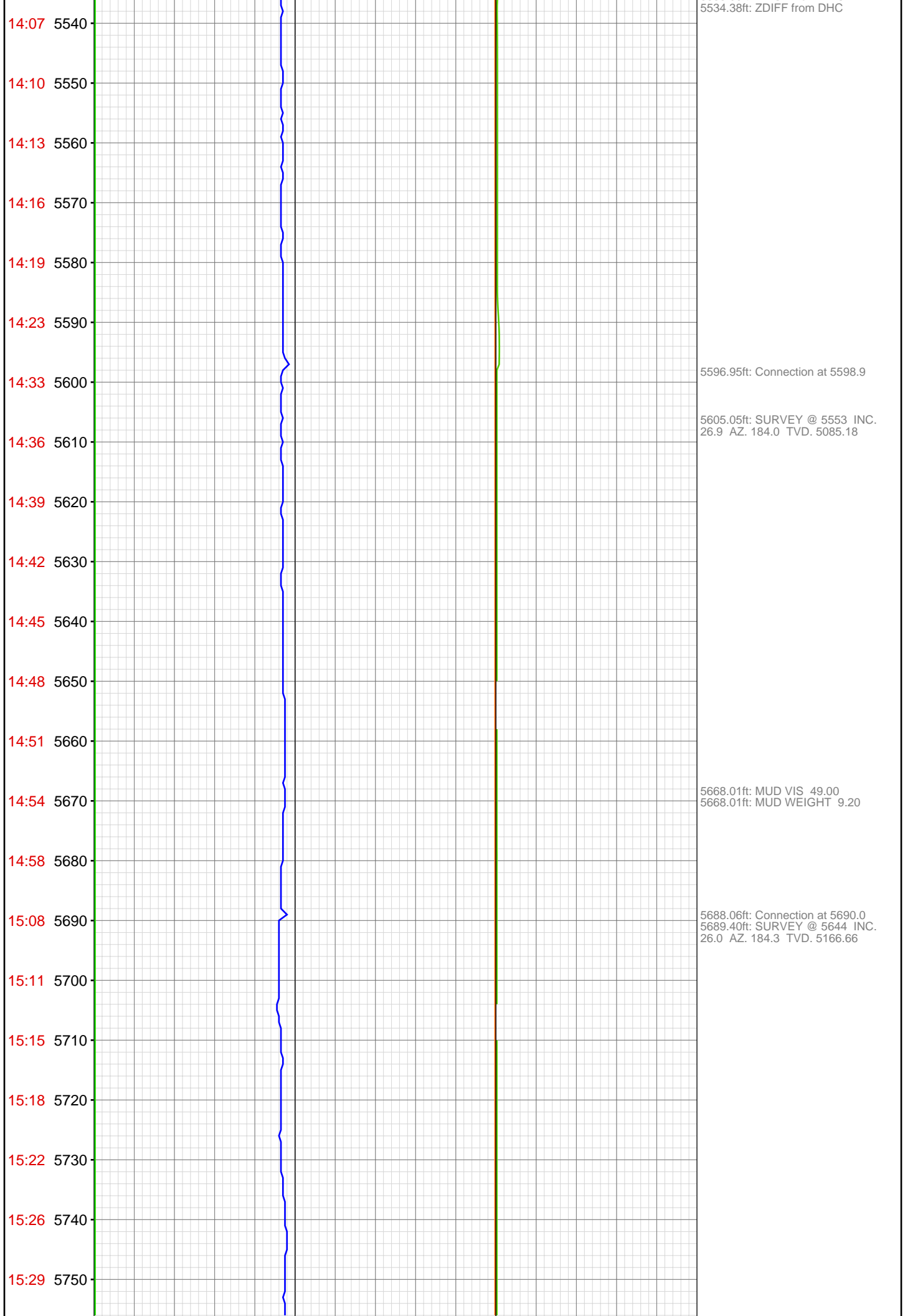


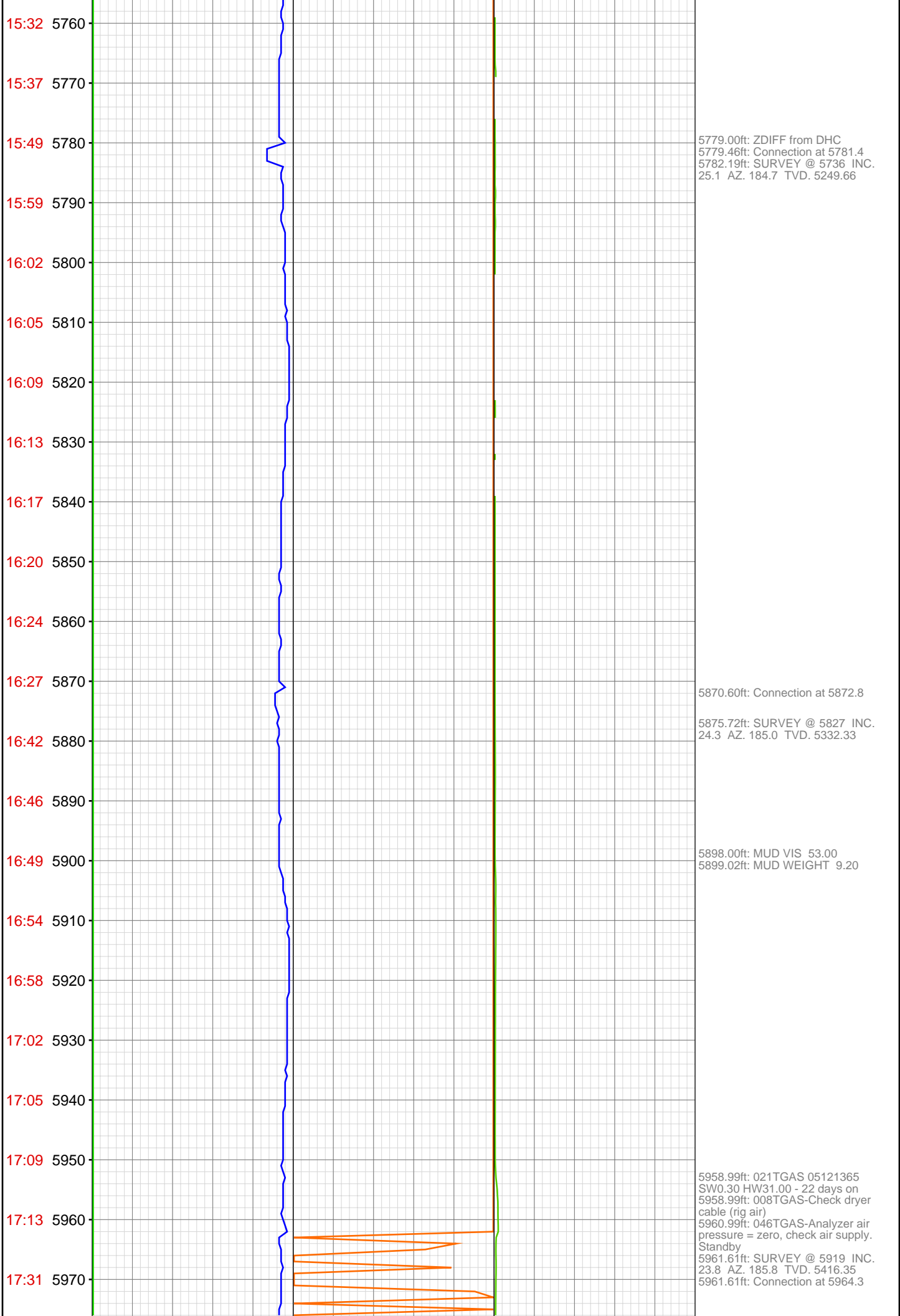


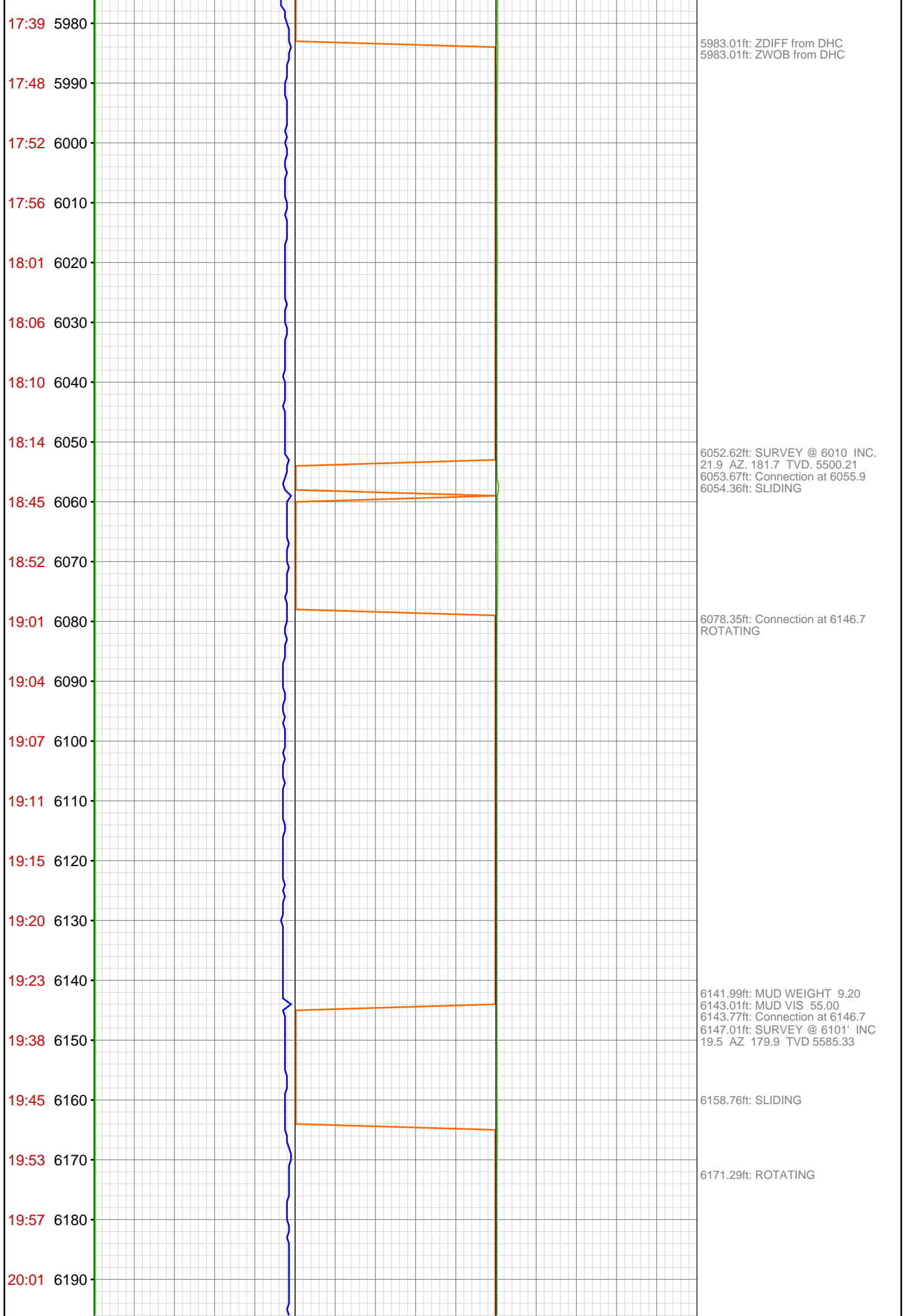


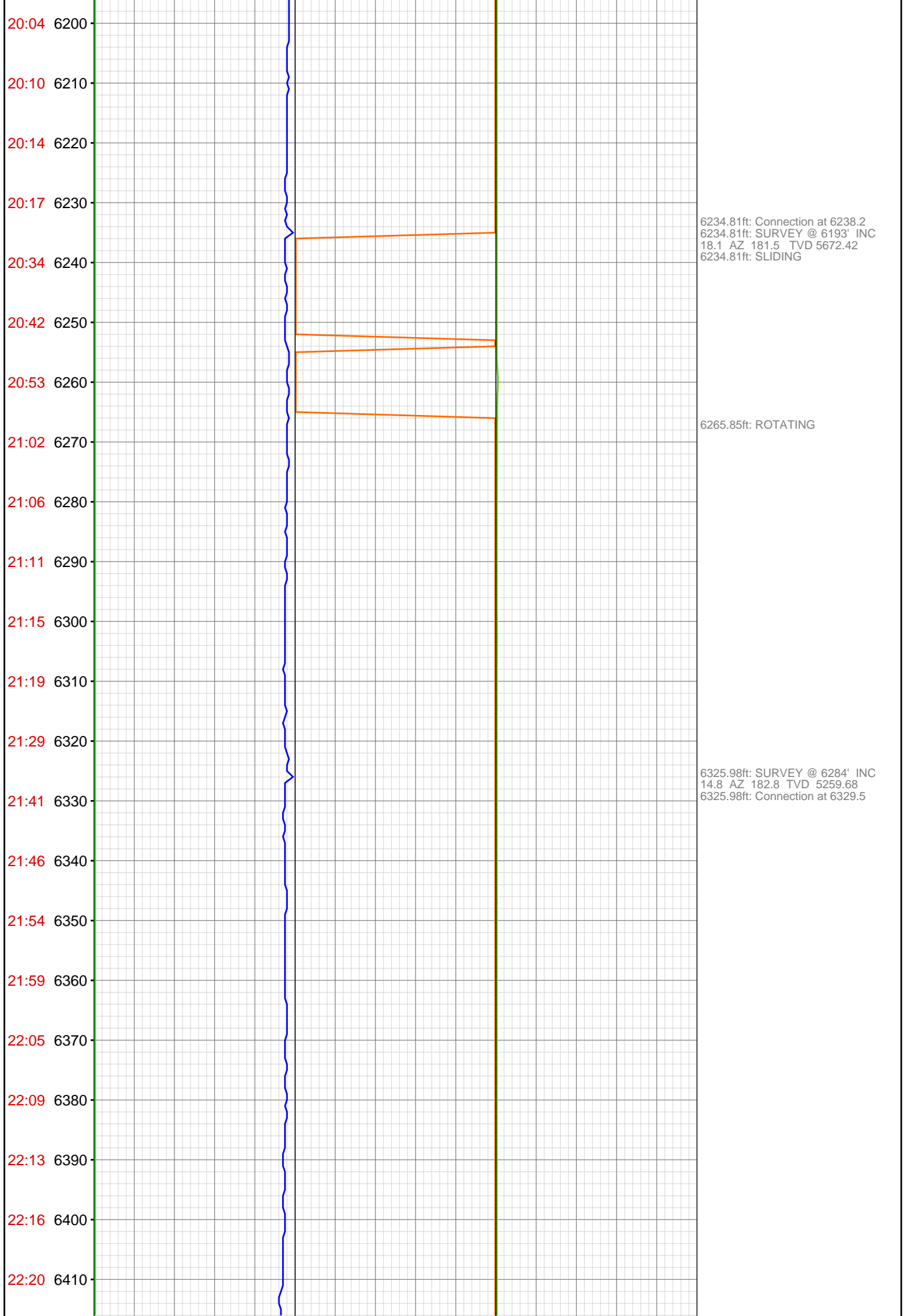


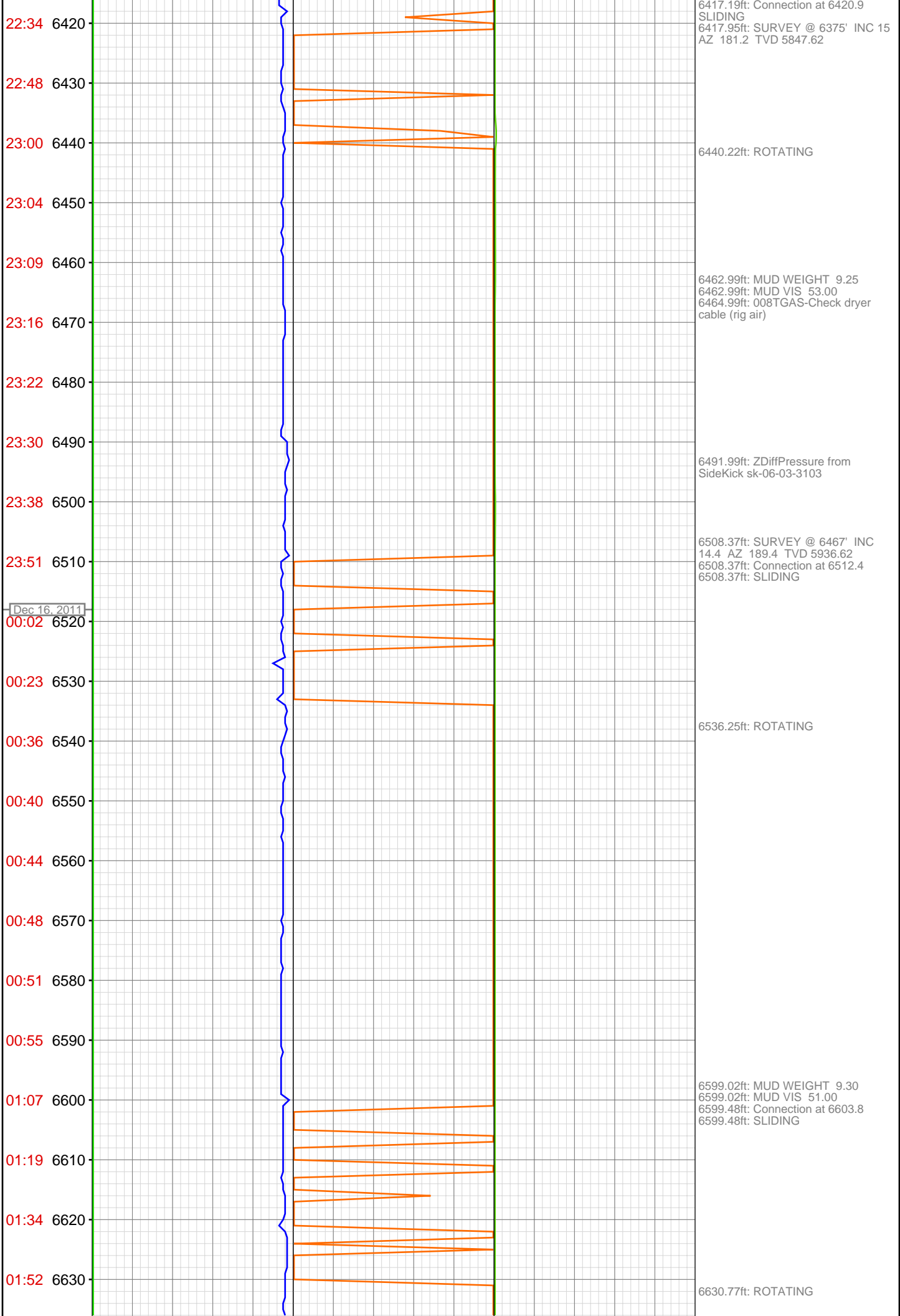


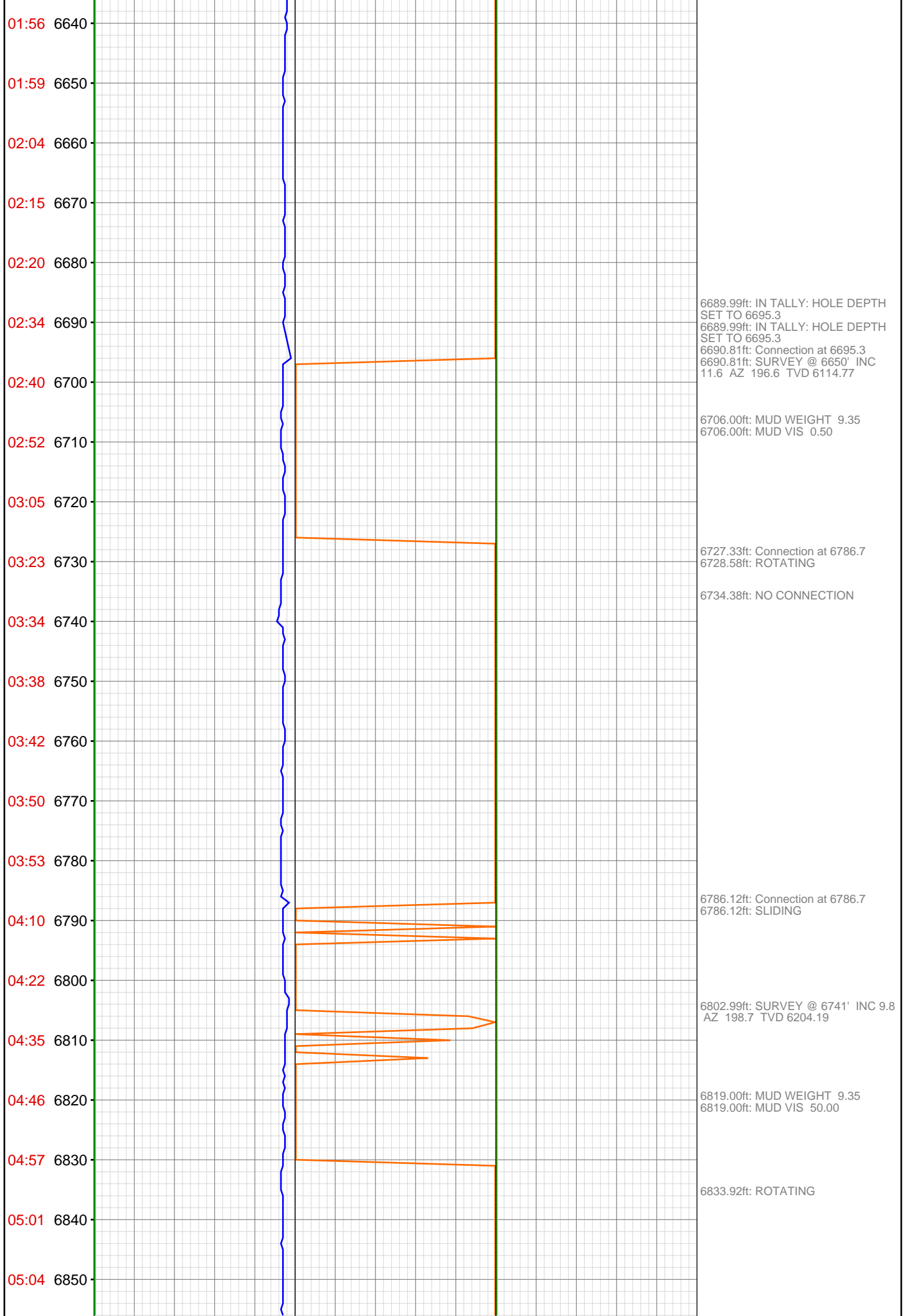


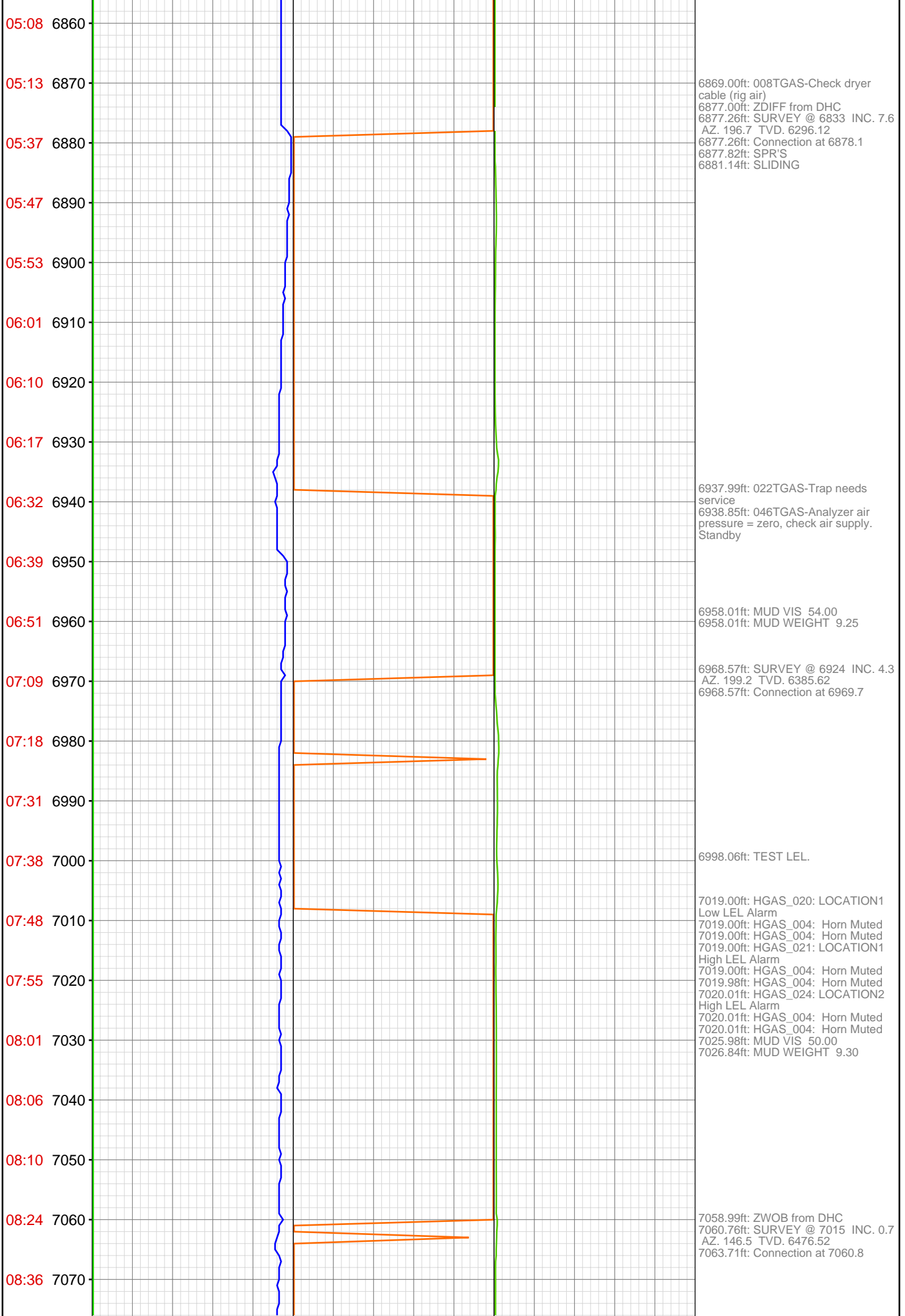




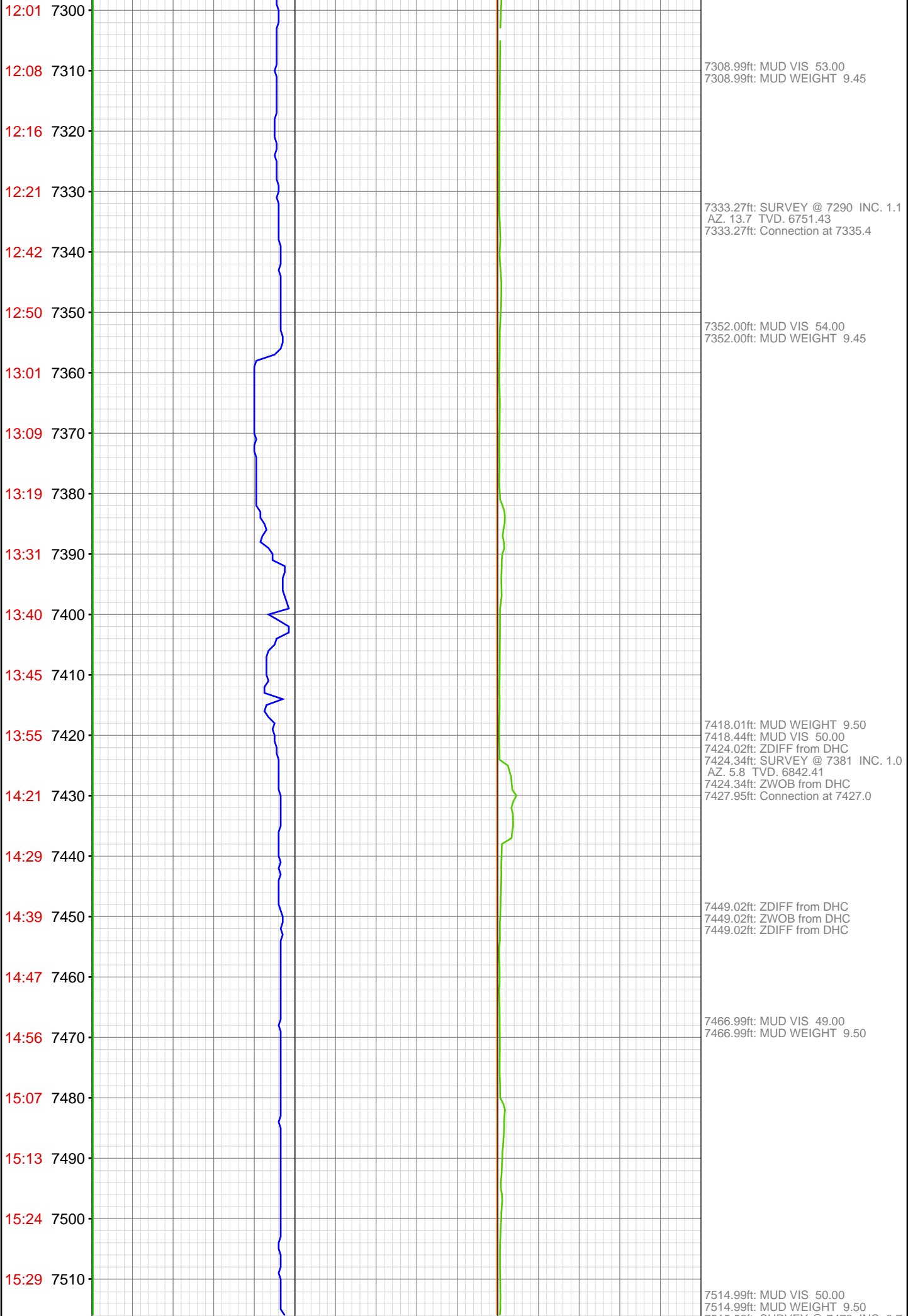


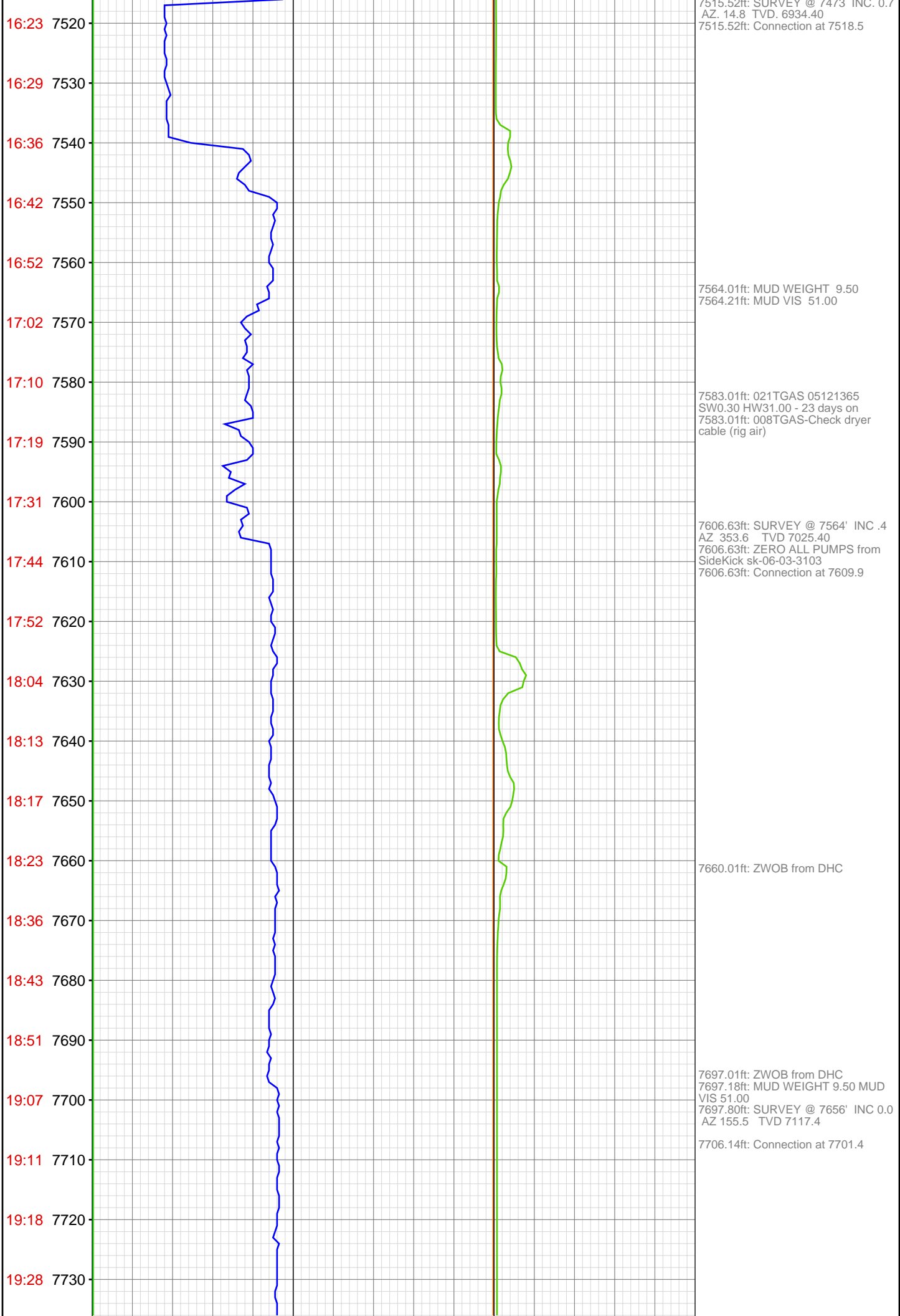










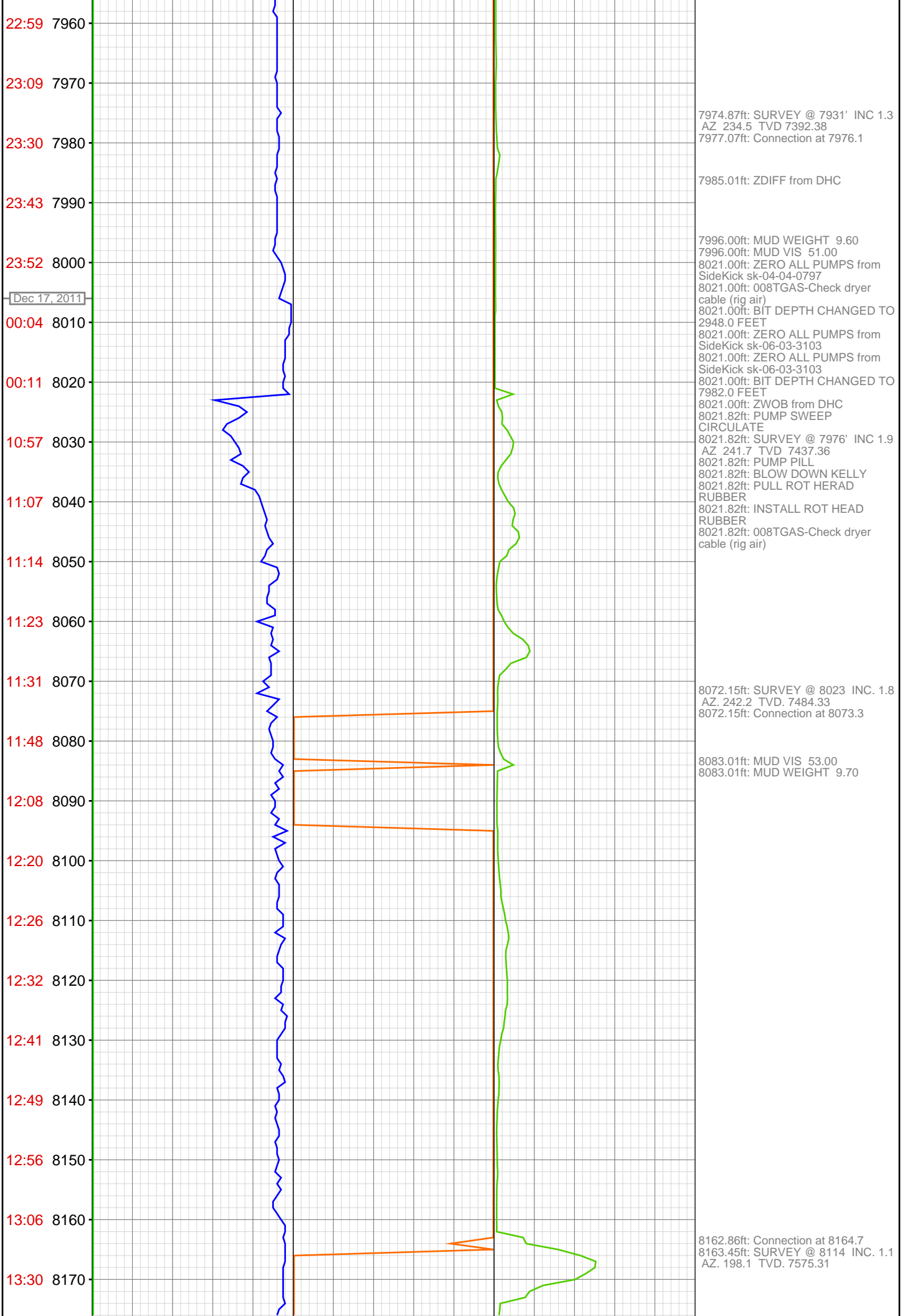


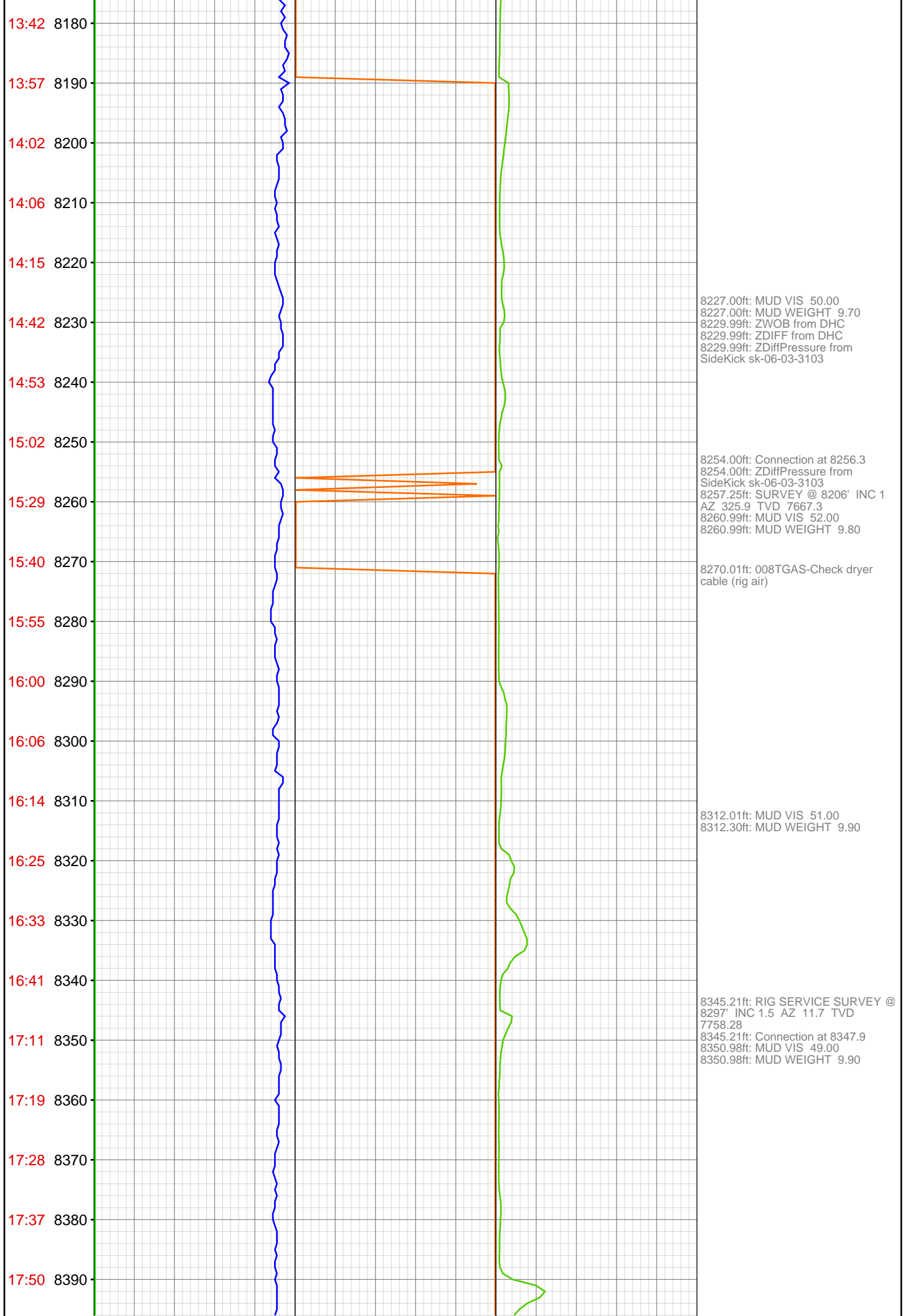
19:36 7740
19:43 7750
19:48 7760
19:56 7770
20:02 7780
20:20 7790
20:26 7800
20:33 7810
20:42 7820
20:55 7830
21:05 7840
21:12 7850
21:23 7860
21:35 7870
21:54 7880
22:00 7890
22:07 7900
22:16 7910
22:24 7920
22:36 7930
22:46 7940
22:53 7950

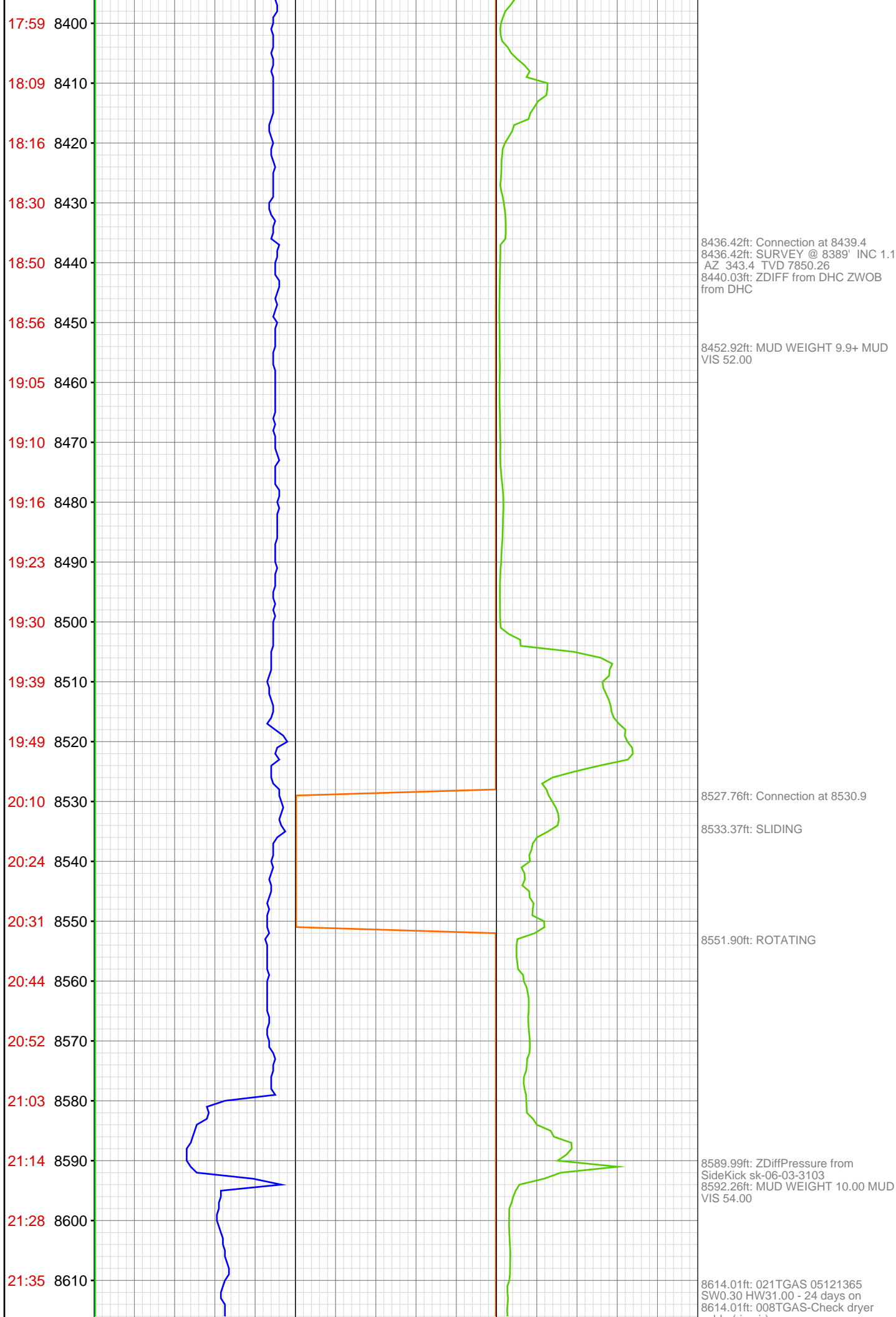
7787.99ft: MUD WEIGHT 9.50
7788.94ft: MUD VIS 50.00
7788.94ft: Connection at 7793.2

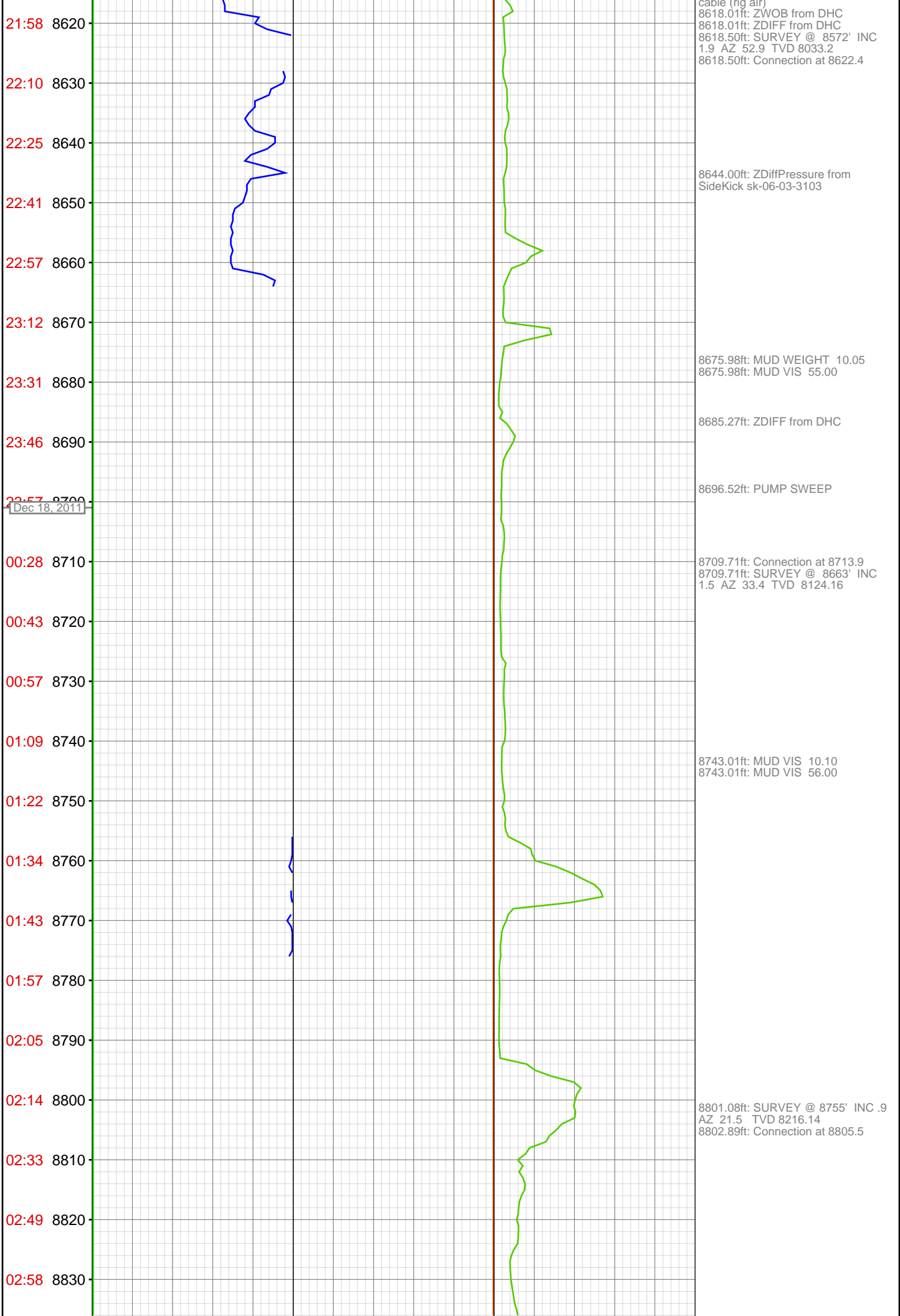
7794.32ft: SURVEY @ 7748' INC 0.2
AZ 248.2 TVD 7209.4

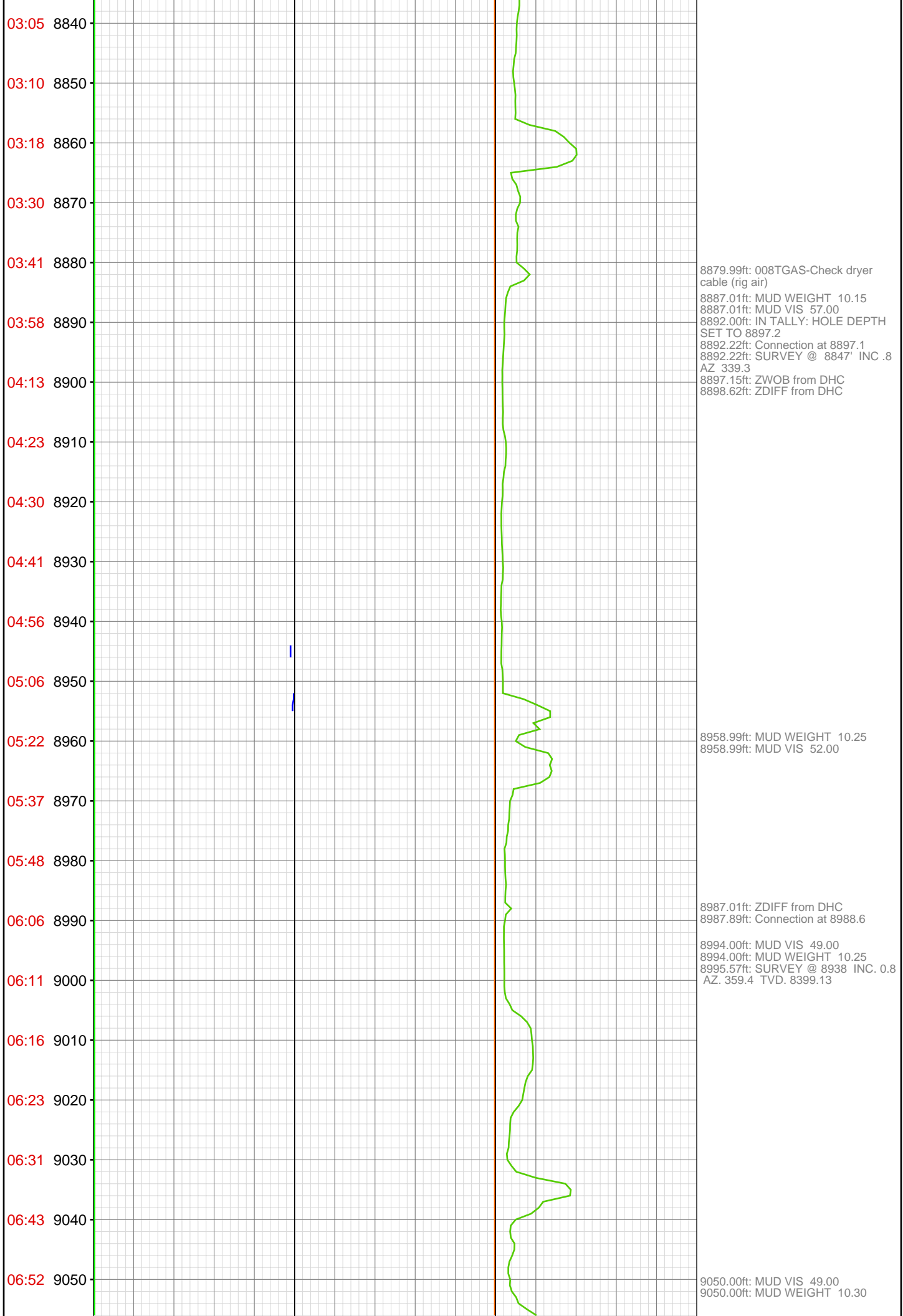
7867.09ft: MUD WEIGHT 9.55 MUD
VIS 52.00
7875.00ft: 021TGAS 05121365
SW0.30 HW31.00 - 23 days on
7875.00ft: 008TGAS-Check dryer
cable (rig air)
7879.99ft: ZWOB from DHC
7880.25ft: SURVEY @ 7839' INC .8
AZ 211.1 TVD 7300.39
7880.25ft: Connection at 7884.7
7881.00ft: IN TALLY: HOLE DEPTH
SET TO 7884.7











06:59 9060
07:07 9070
07:27 9080
07:34 9090
07:42 9100
07:46 9110
07:50 9120
07:55 9130
08:02 9140
08:07 9150
08:16 9160
08:27 9170
08:48 9180
08:57 9190
09:09 9200
09:22 9210
09:34 9220
09:45 9230
10:03 9240
10:11 9250
10:26 9260
10:54 9270



9079.20ft: SURVEY @ 9030 INC. 0.2
AZ. 40.3 TVD. 8491.12
9079.20ft: Connection at 9080.2

9120.01ft: MUD WEIGHT 10.40
9120.93ft: MUD VIS 51.00

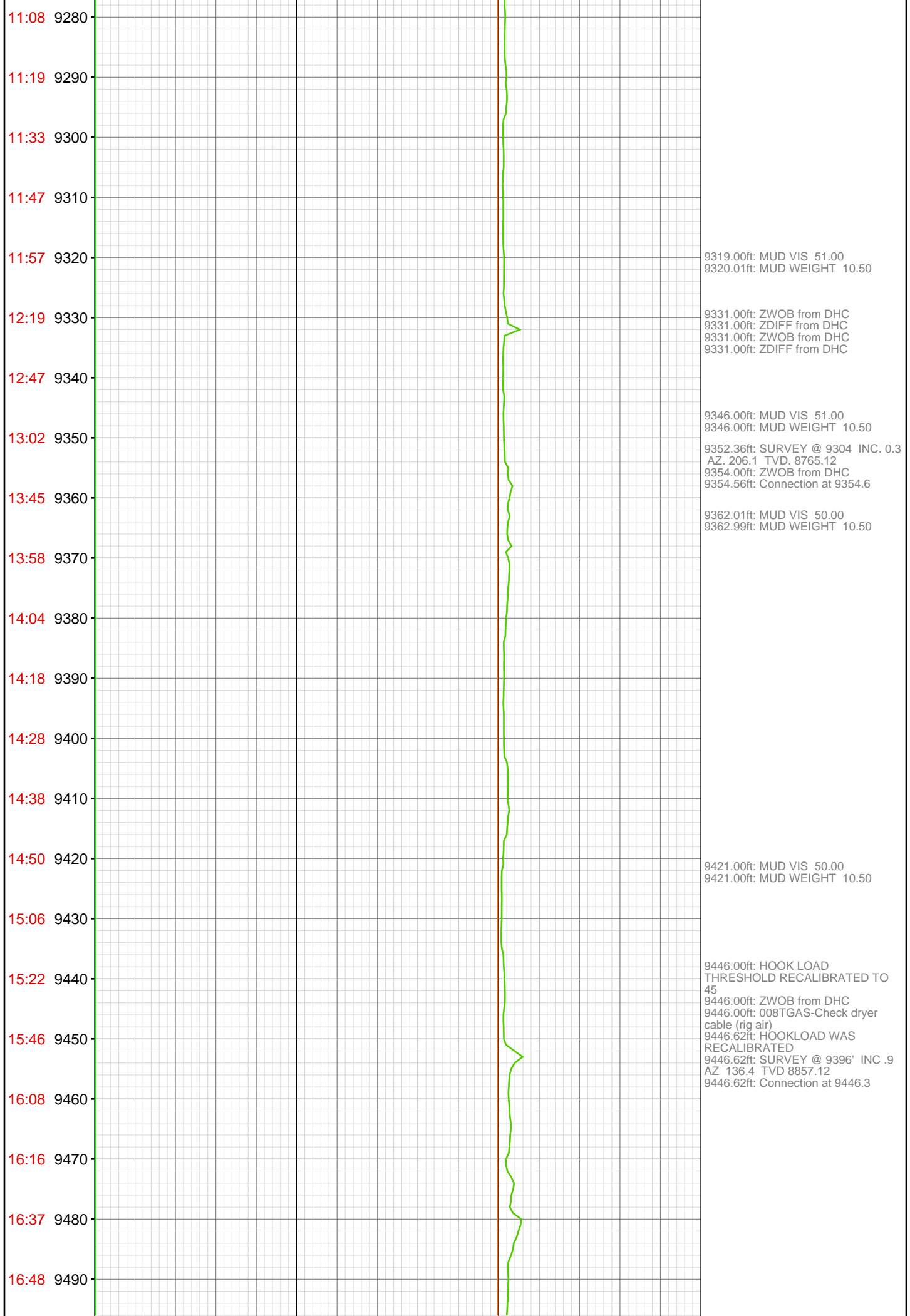
9170.01ft: ZDIFF from DHC
9170.34ft: SURVEY @ 9121 INC. 0.2
AZ. 5.9 TVD. 8582.12
9170.34ft: Connection at 9171.7

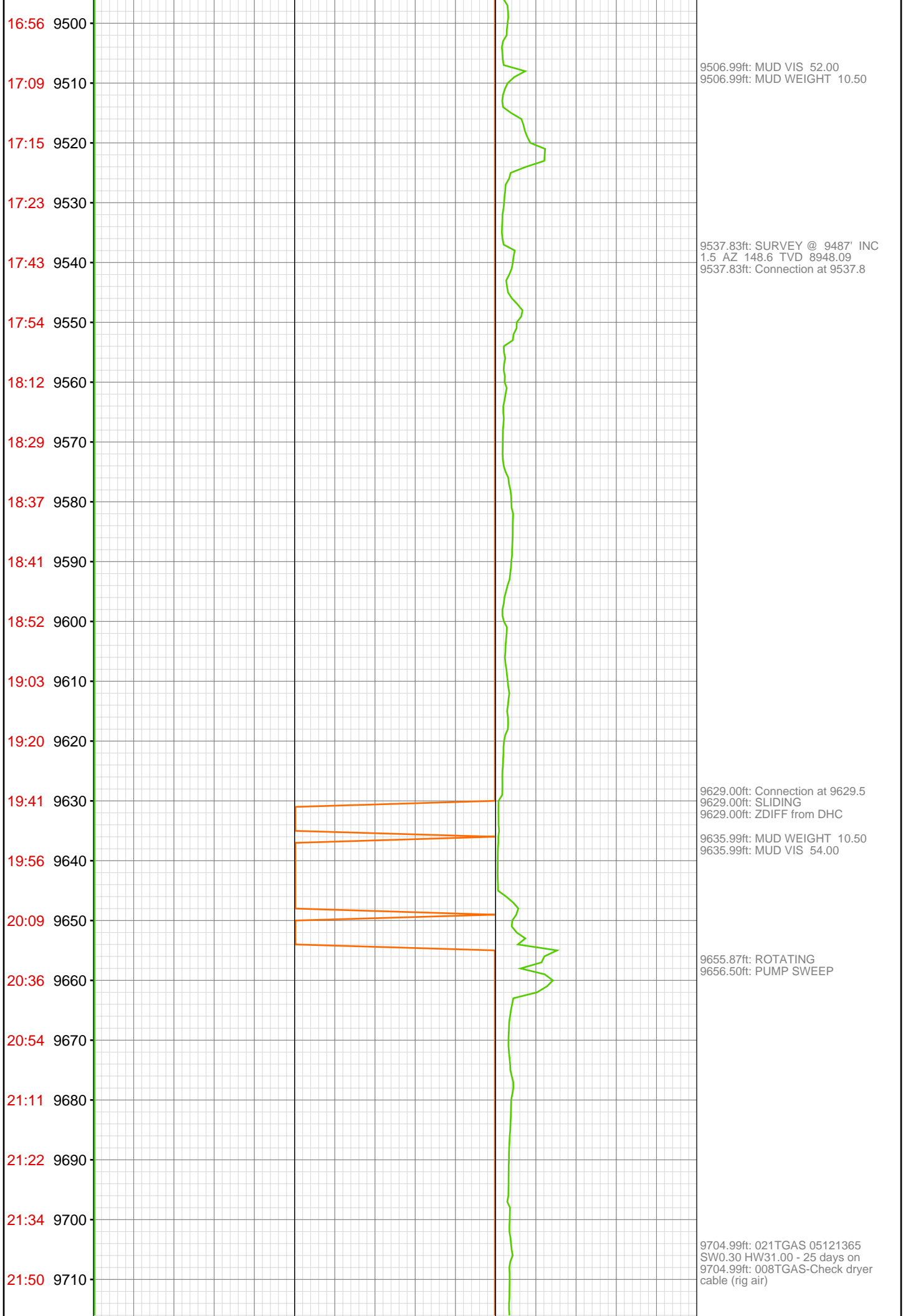
9185.01ft: MUD VIS 49.00
9185.01ft: MUD WEIGHT 10.40

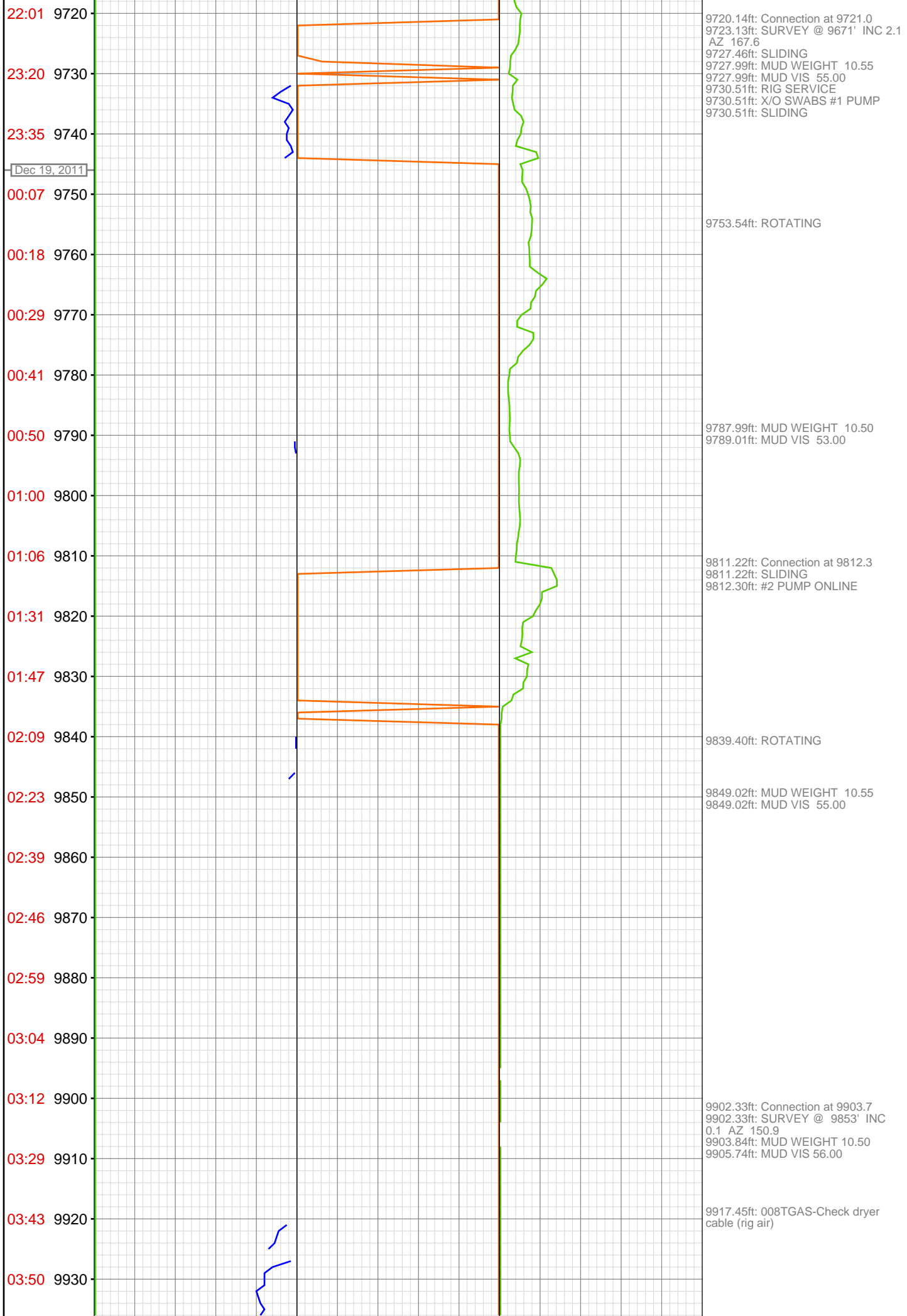
9224.02ft: 008TGAS-Check dryer
cable (rig air)

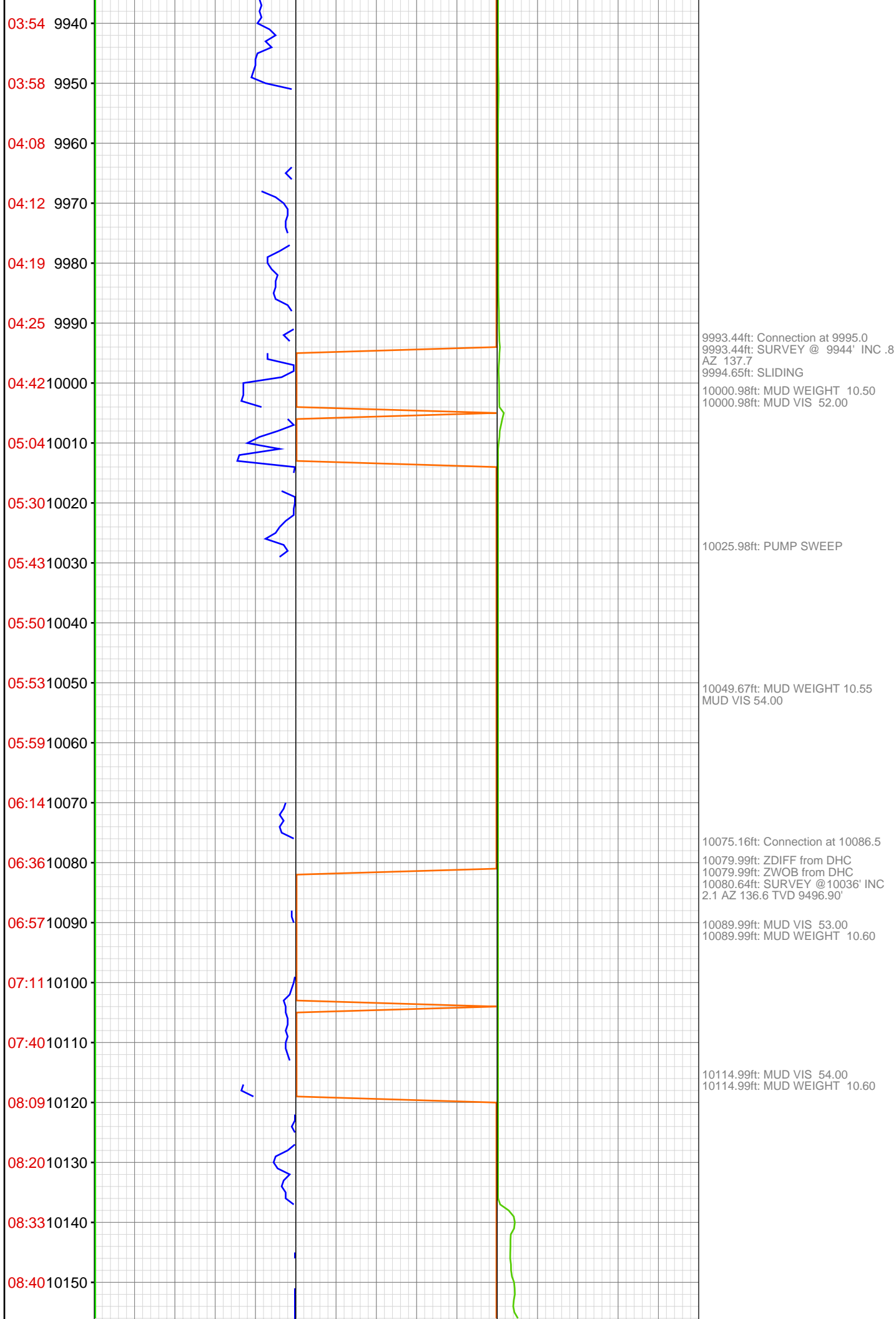
9235.99ft: MUD WEIGHT 10.50
9236.81ft: MUD VIS 52.00

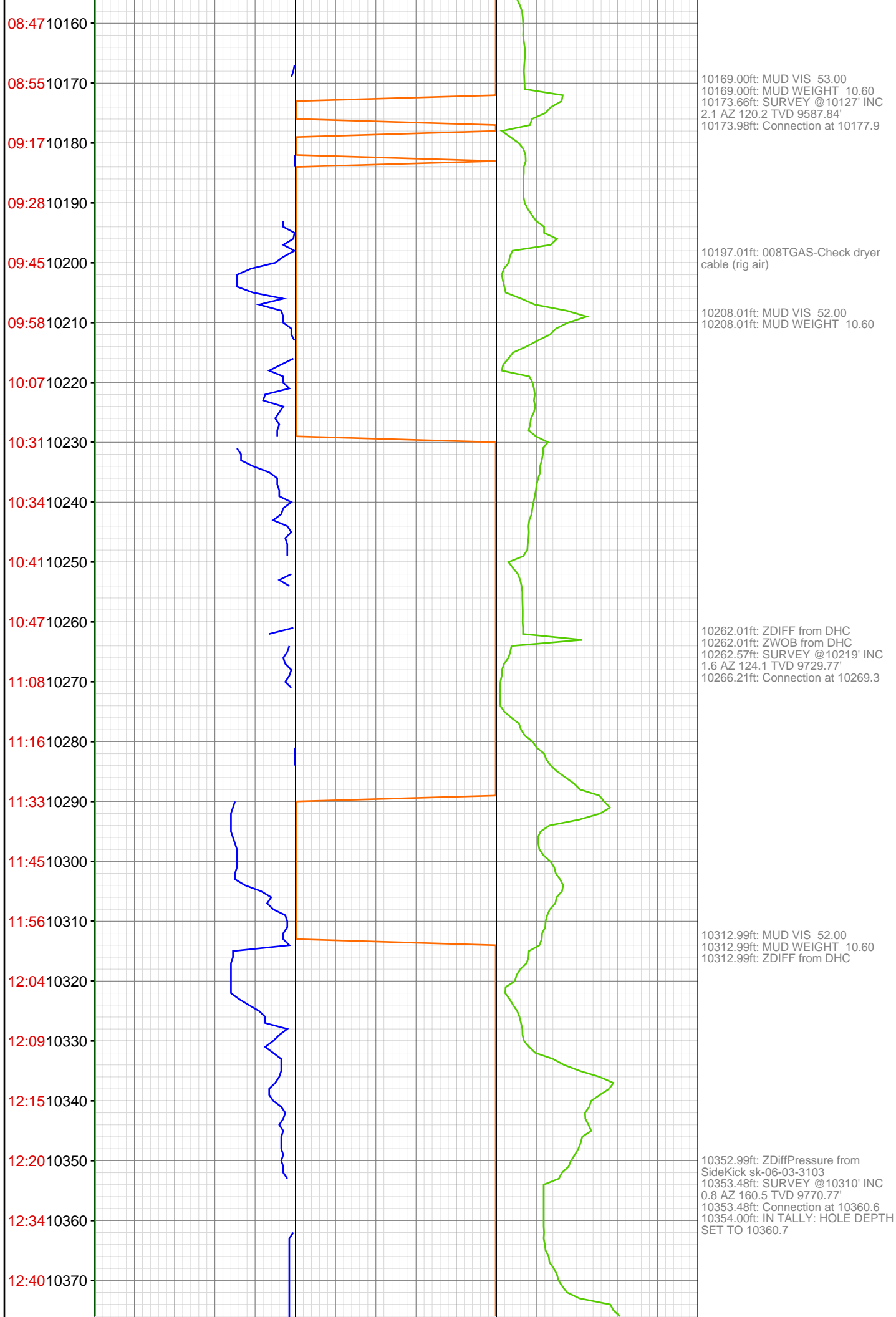
9261.19ft: SURVEY @ 9213 INC. 0.3
AZ. 339.5 TVD. 8674.12
9261.19ft: Connection at 9263.2
9266.01ft: MUD VIS 51.00
9266.01ft: MUD WEIGHT 10.50

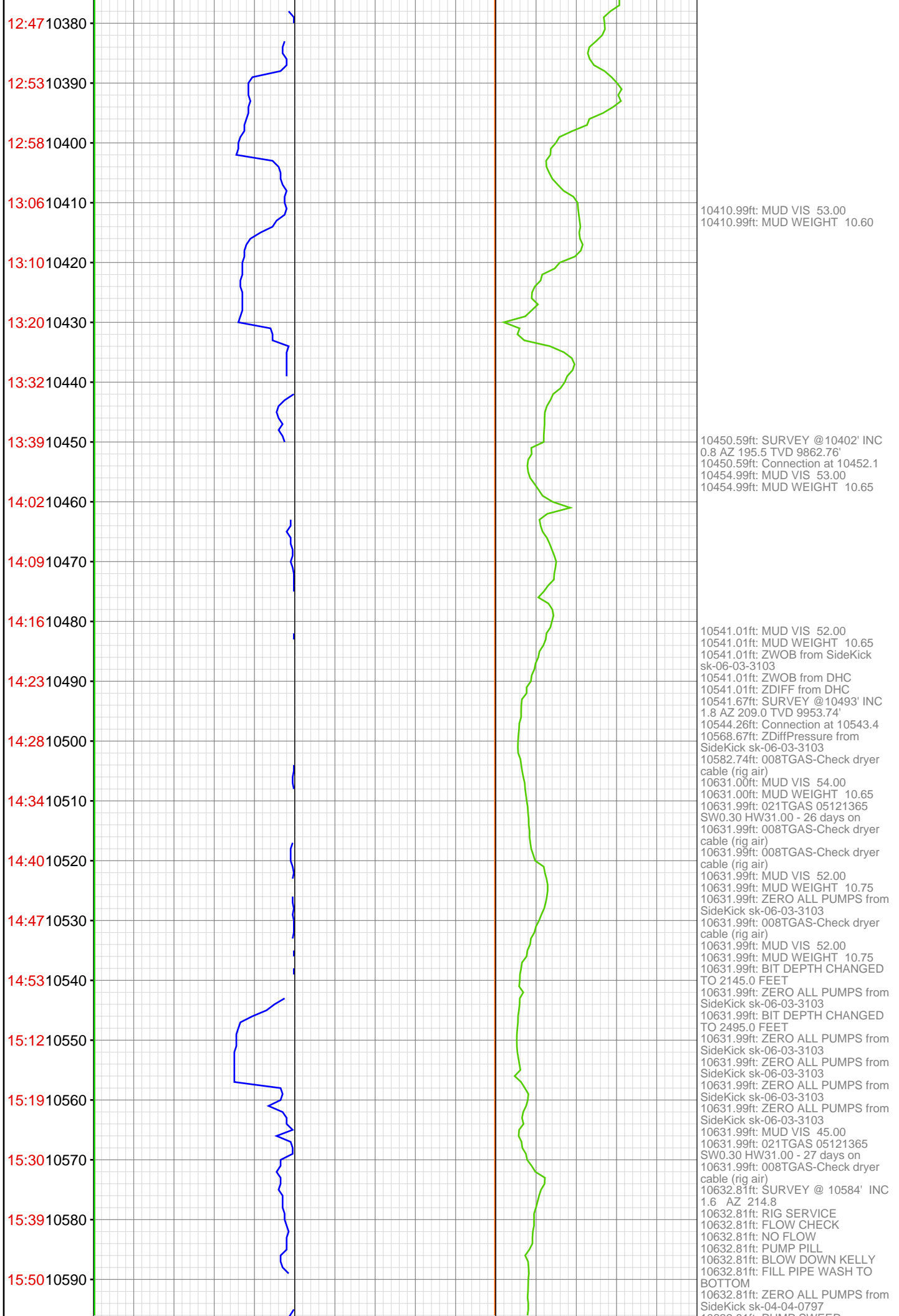












16:02 10600
16:19 10610
16:36 10620
16:55 10630
10640



10632.81ft: PUMP SWEEP
10632.81ft: FLOW CHECK
10632.81ft: NO FLOW
10632.81ft: PUMP PILL
10632.81ft: BLOW DOWN KELLY
10632.81ft: MUD WEIGHT 10.6
VIS.55
10632.81ft: MUD WEIGHT 10.7+
MUD VIS 54.00
10632.81ft: PULL ROT HEAD
RUBBER
10632.81ft: PULL MWD BATTERIES
10632.81ft: DRAIN MOTOR BREAK
BIT
10632.81ft: MUD WEIGHT 10.75
MUD VIS 53.00
10632.81ft: PULL WEAR BUSHING
10632.81ft: FILL PIPE
10632.81ft: CIRCULATE
10632.81ft: 008TGAS-Check dryer
cable (rig air)
10632.81ft: CIRCULATE
10632.81ft: MUD WEIGHT 10.75
10632.81ft: MUD VIS 50.00
10632.81ft: X/O ELEVATORS
10632.81ft: ZERO ALL PUMPS from
SideKick sk-06-03-3103
10632.81ft: MUD WEIGHT 10.70