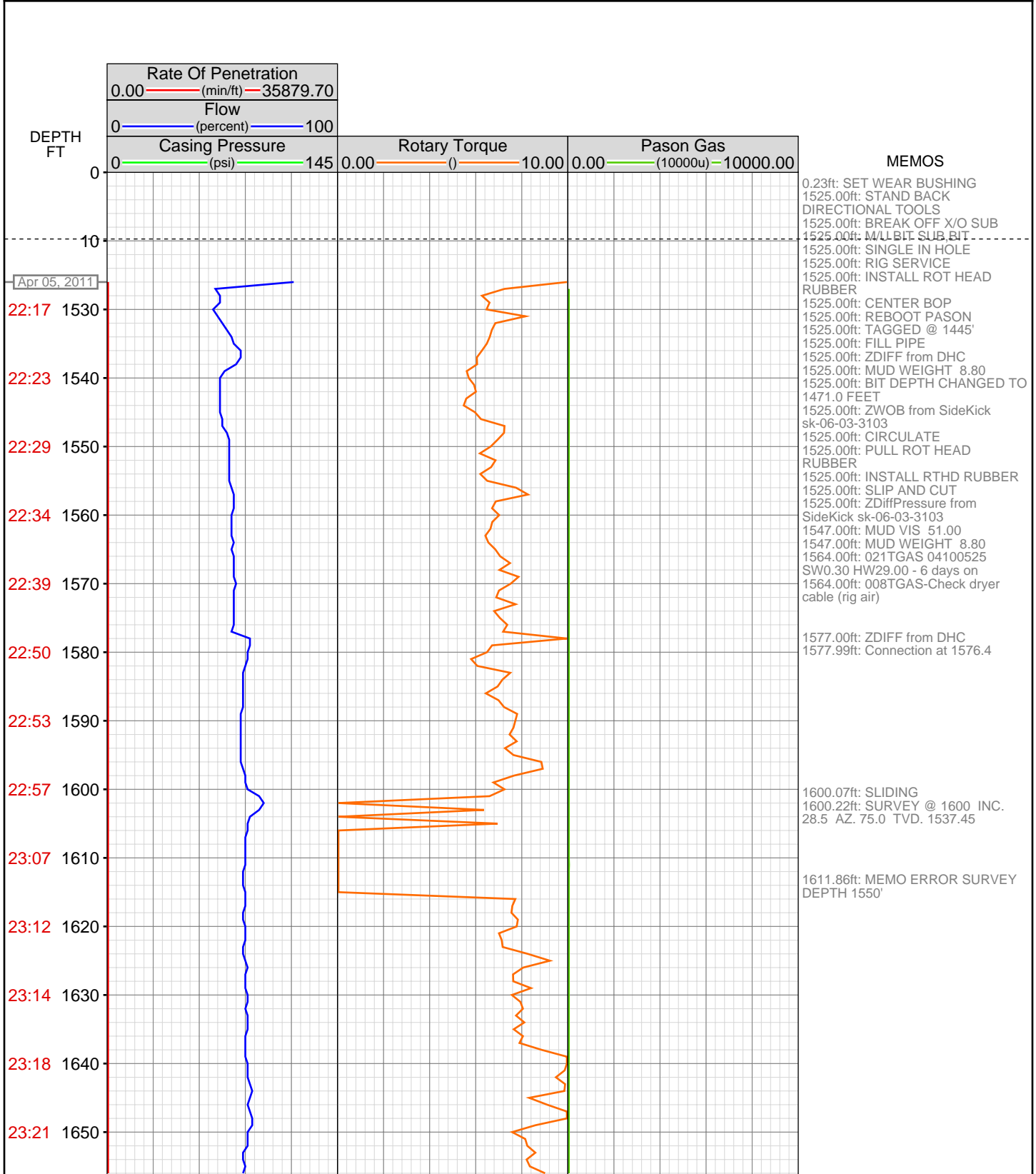


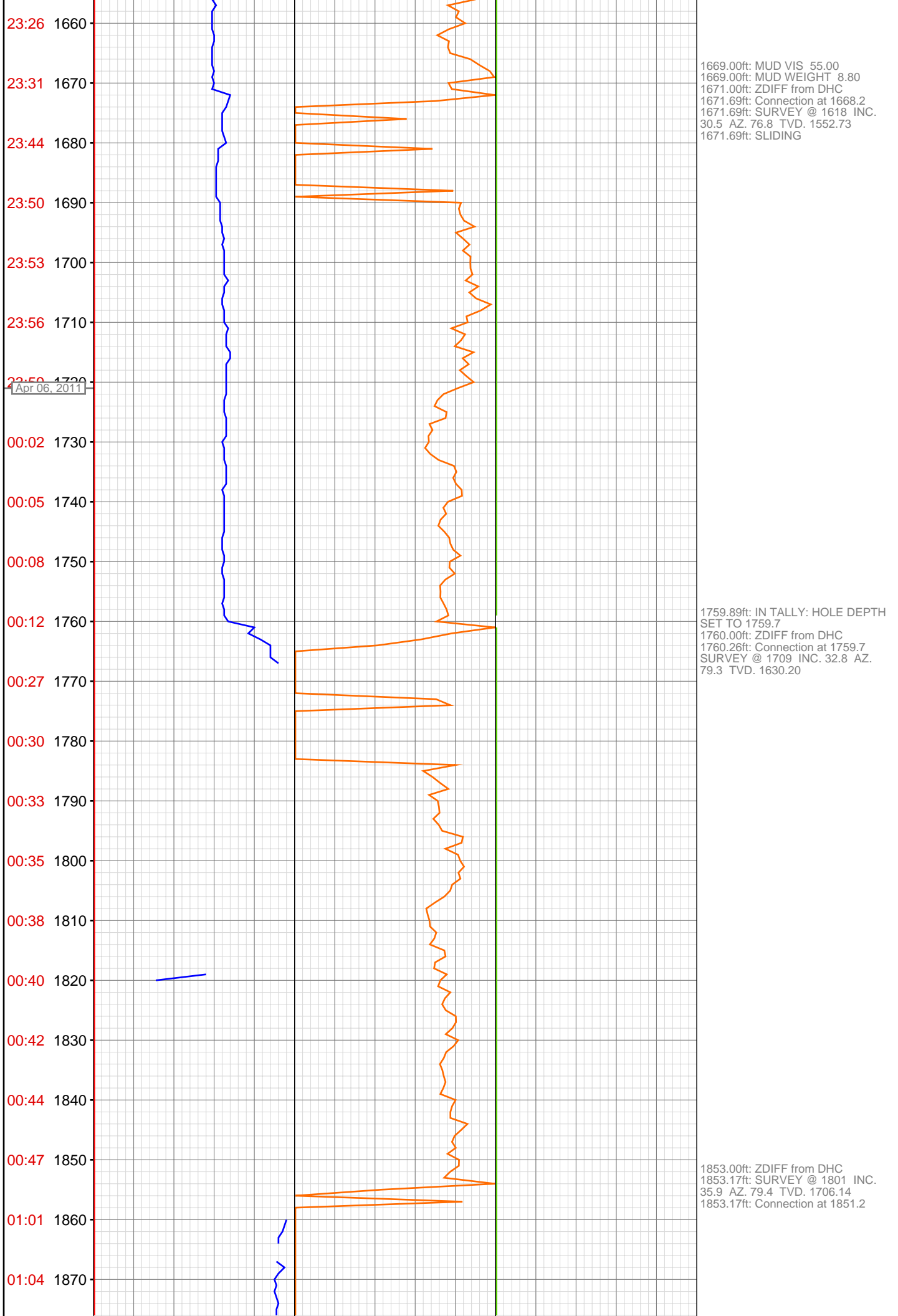
DataHub EDR Log

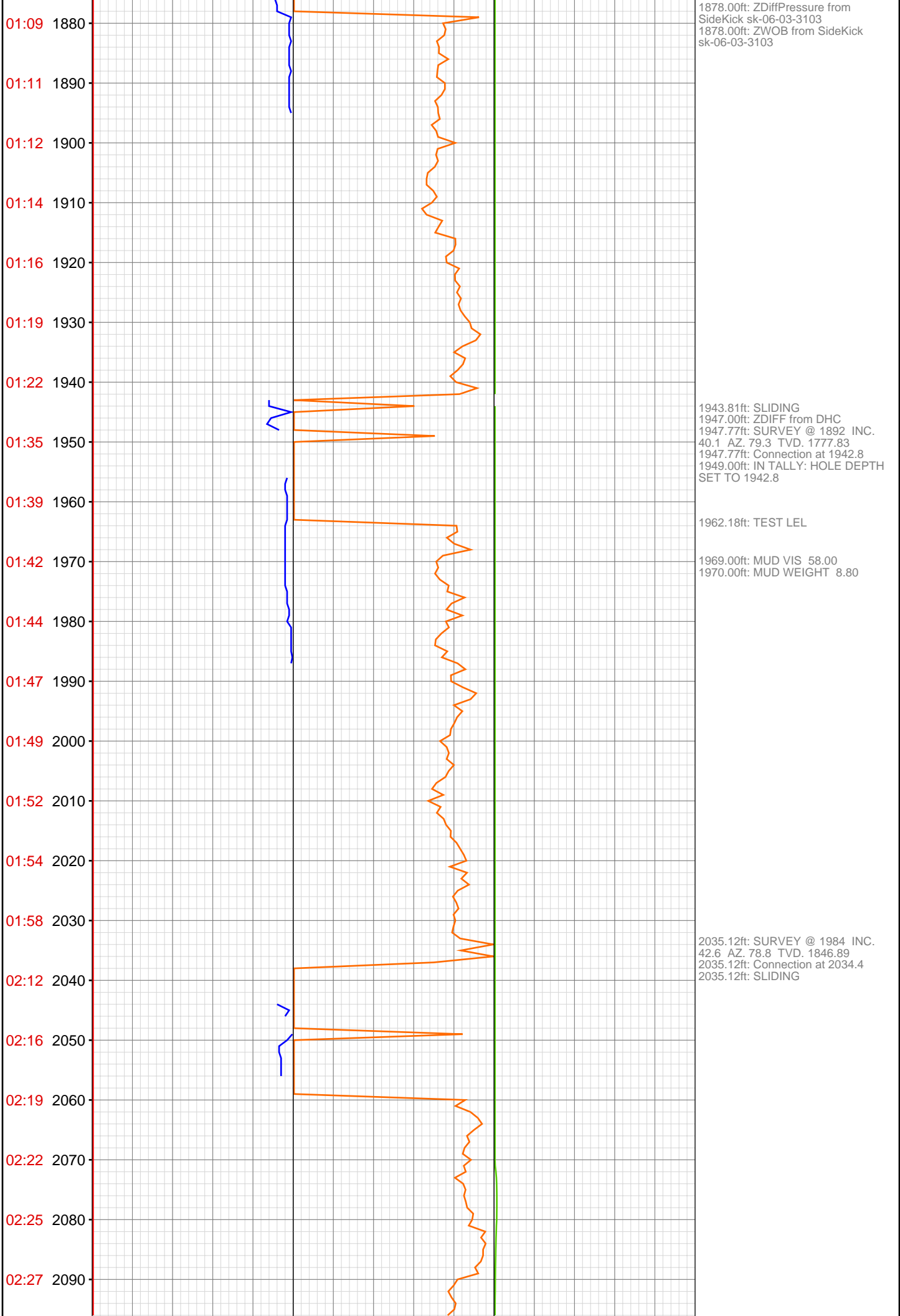
Tue Apr 12, 2011 07:28:09
Well Dossier 1301962793
Marilyn Tucker

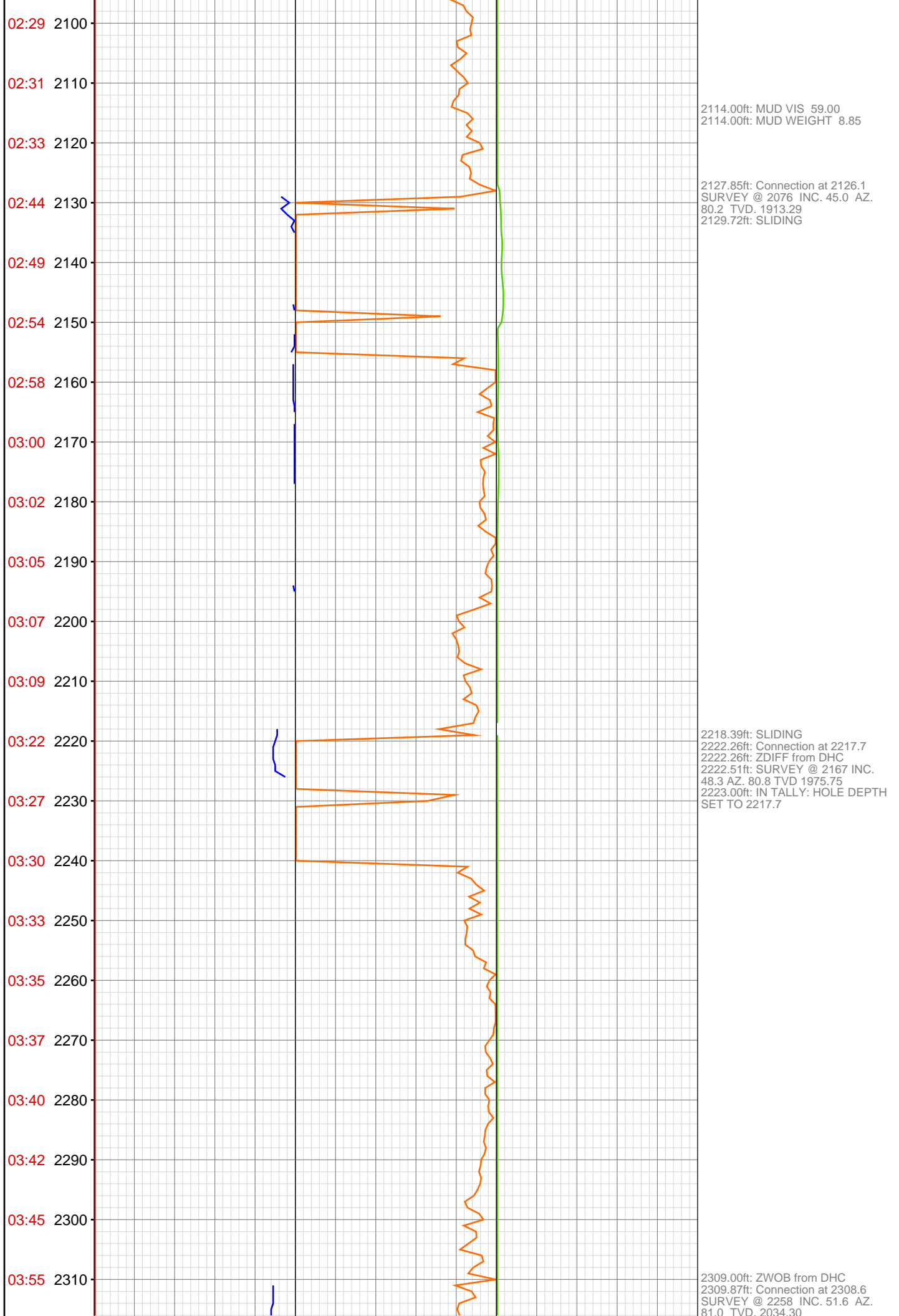
OPERATOR: EnCana Oil & Gas (USA), Inc.
WELL: NPMF 02D-16 H17 696
FIELD:
LOCATION: QtrQtr:SENE, Sec:17, Twp: 6S, Rng:96W, M~~ER~~SE
COUNTRY: USA
RIG: Pat-UTI 303

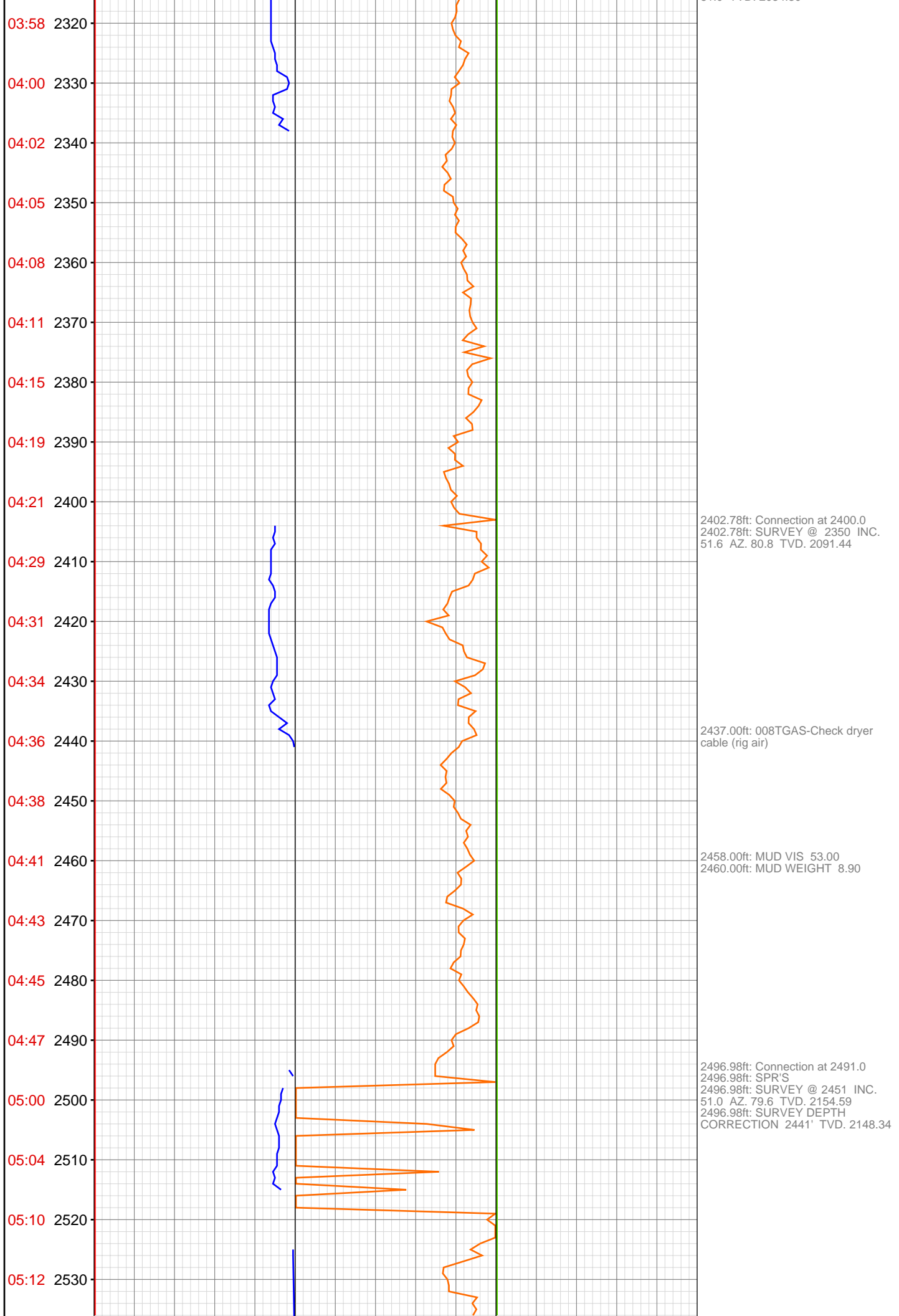
CONTRACTOR: Patterson-UTI Drilling Company
UNIQUE WELL ID: 05-045-18706-00
SPUD DATE: Apr 05, 2011 22:30
RELEASE DATE: Apr 11, 2011 07:00

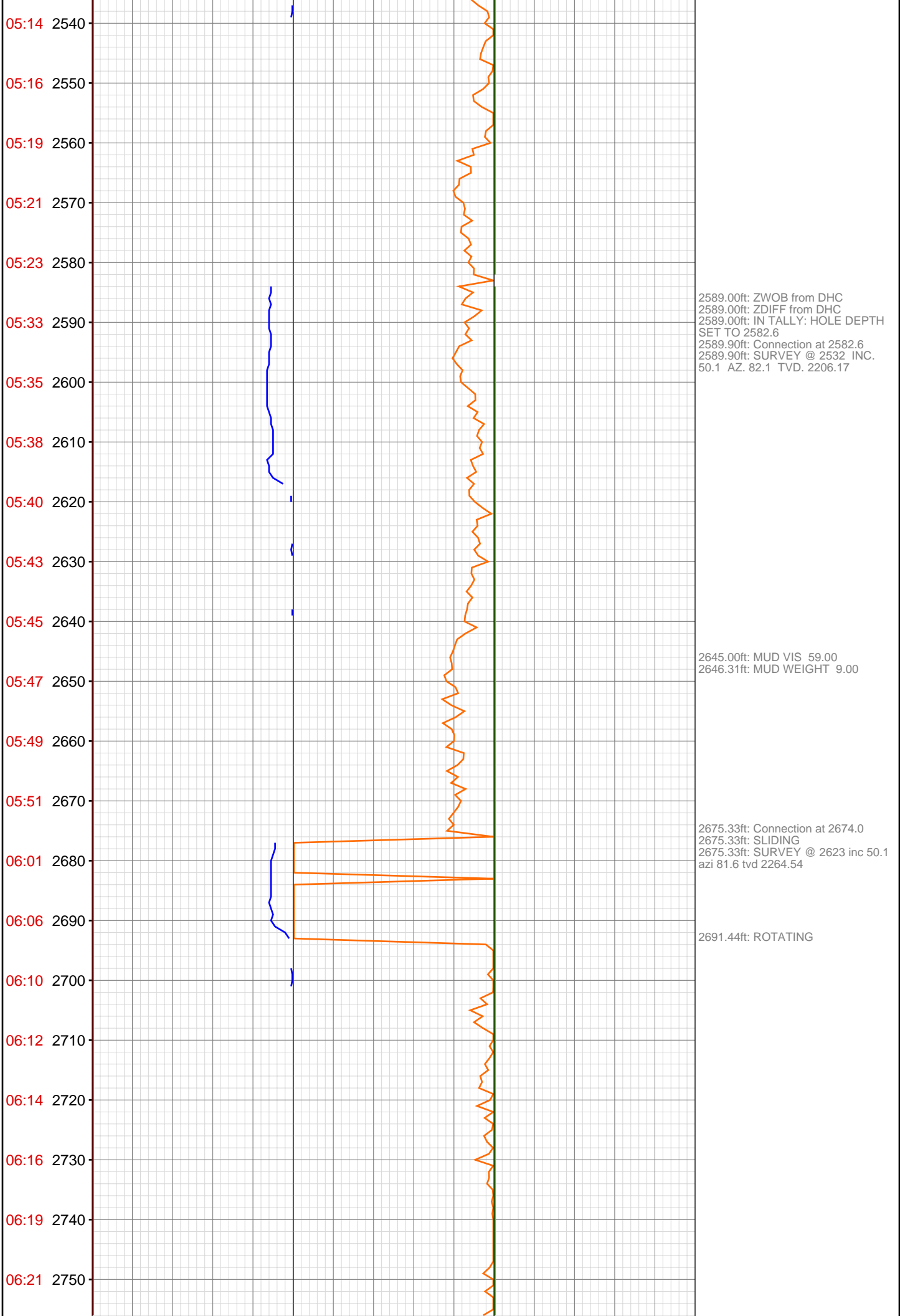


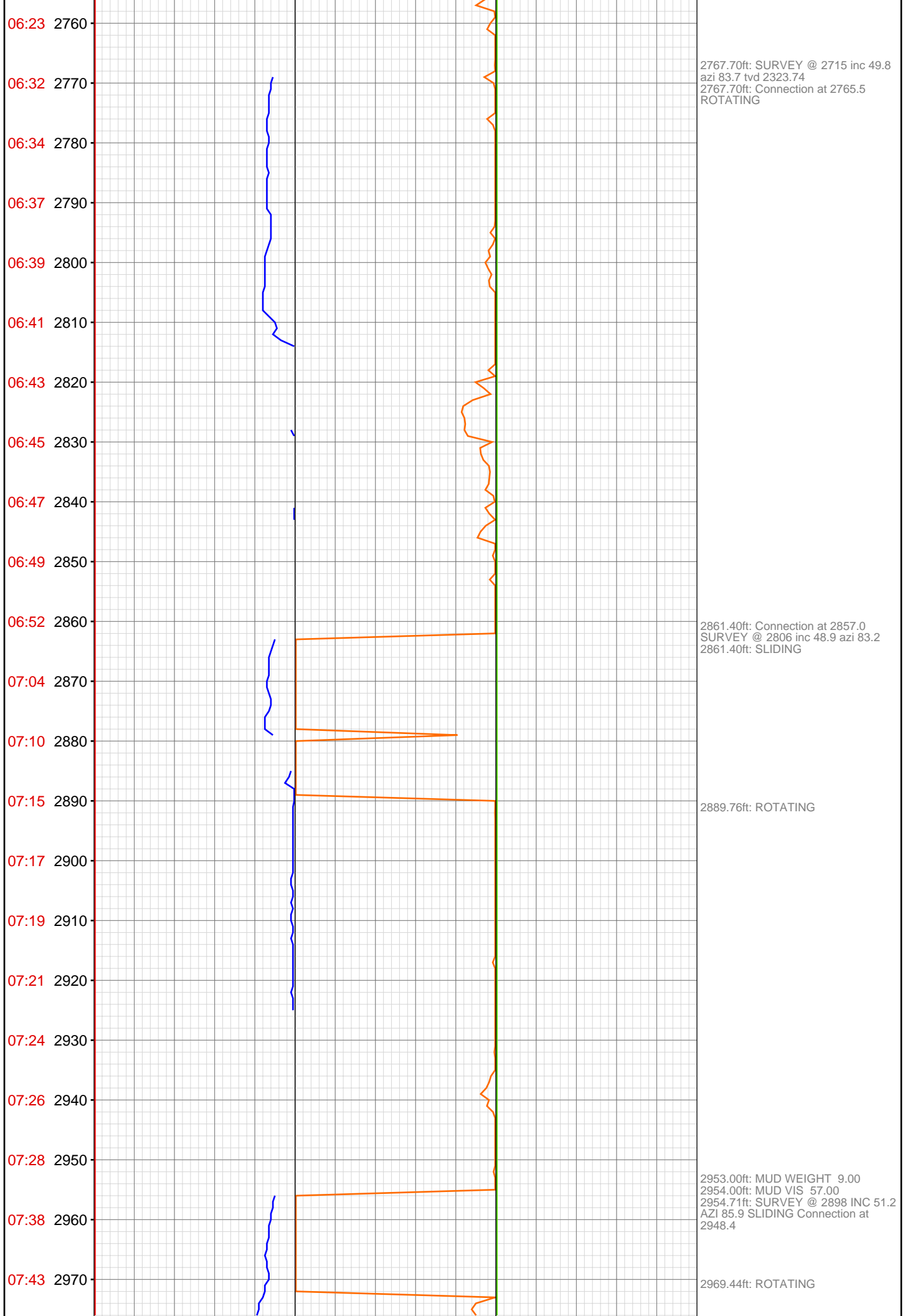


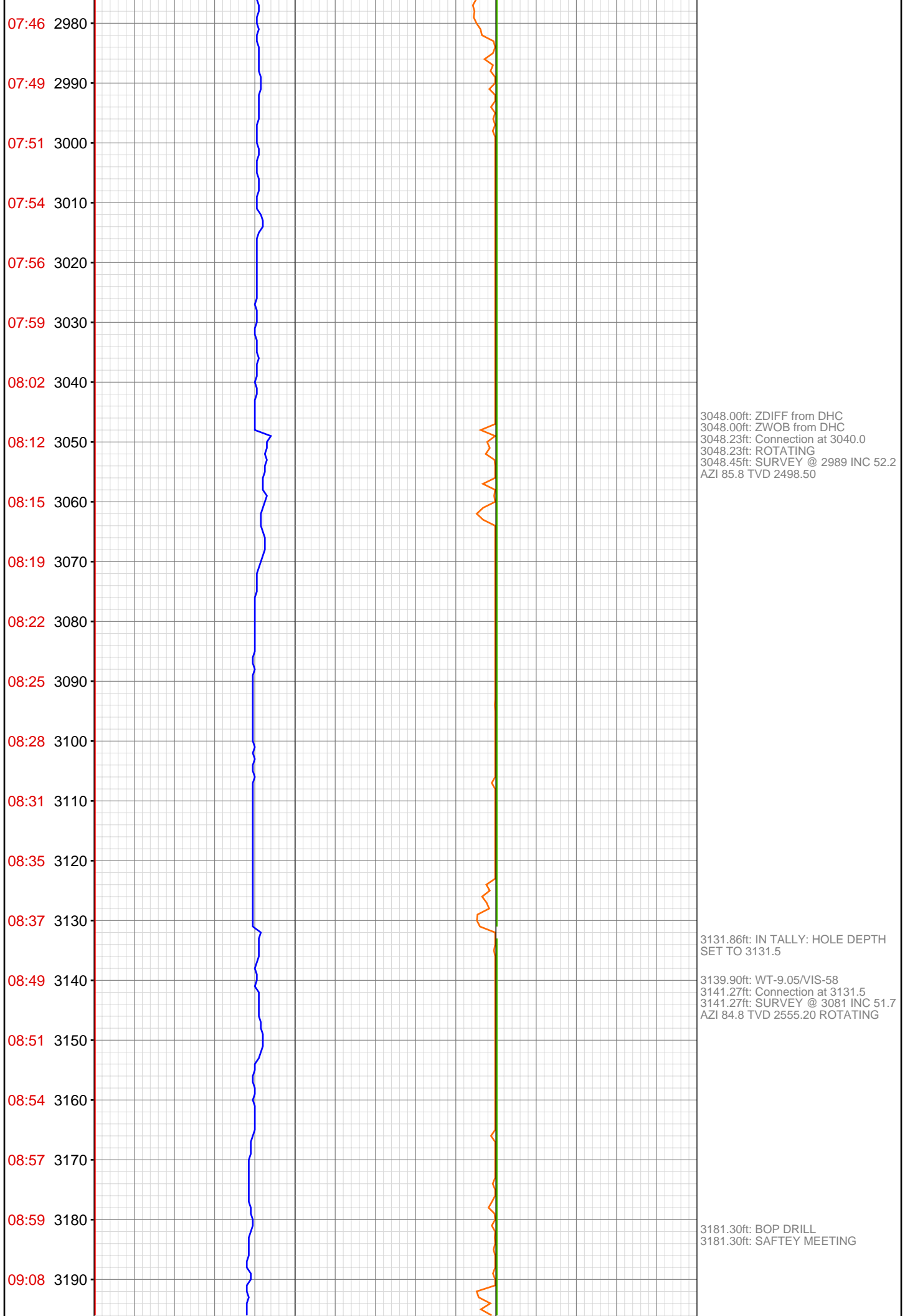


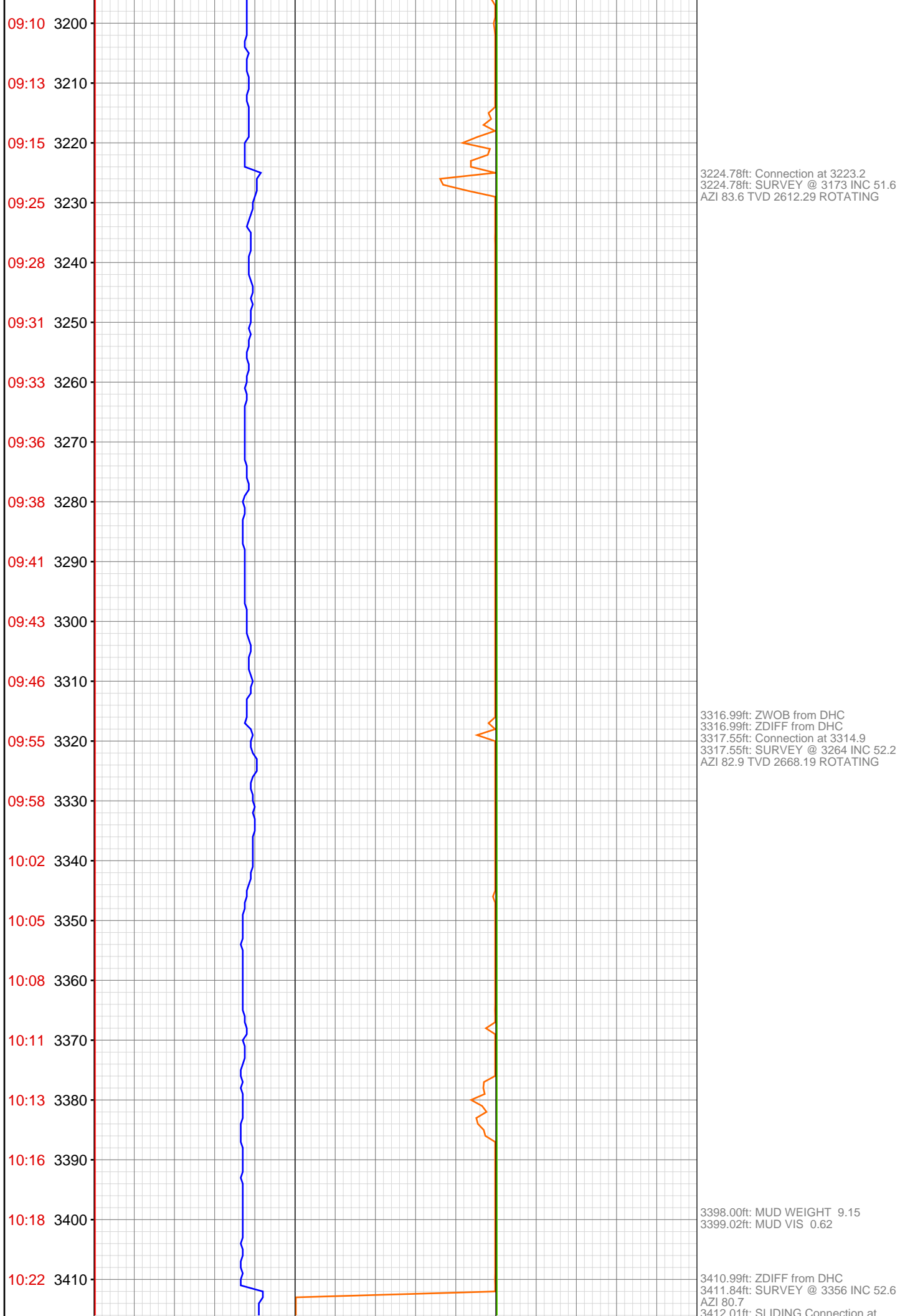


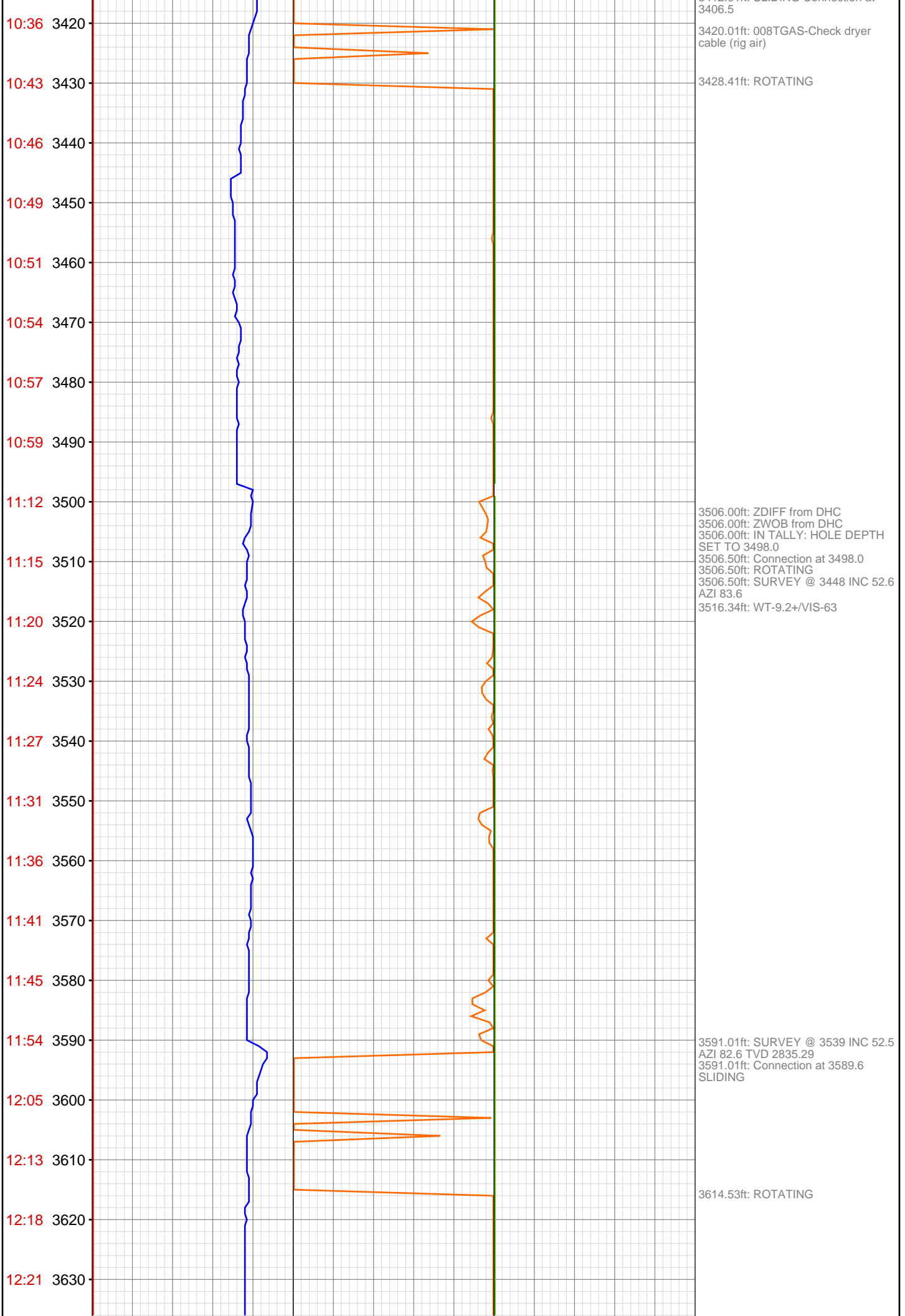


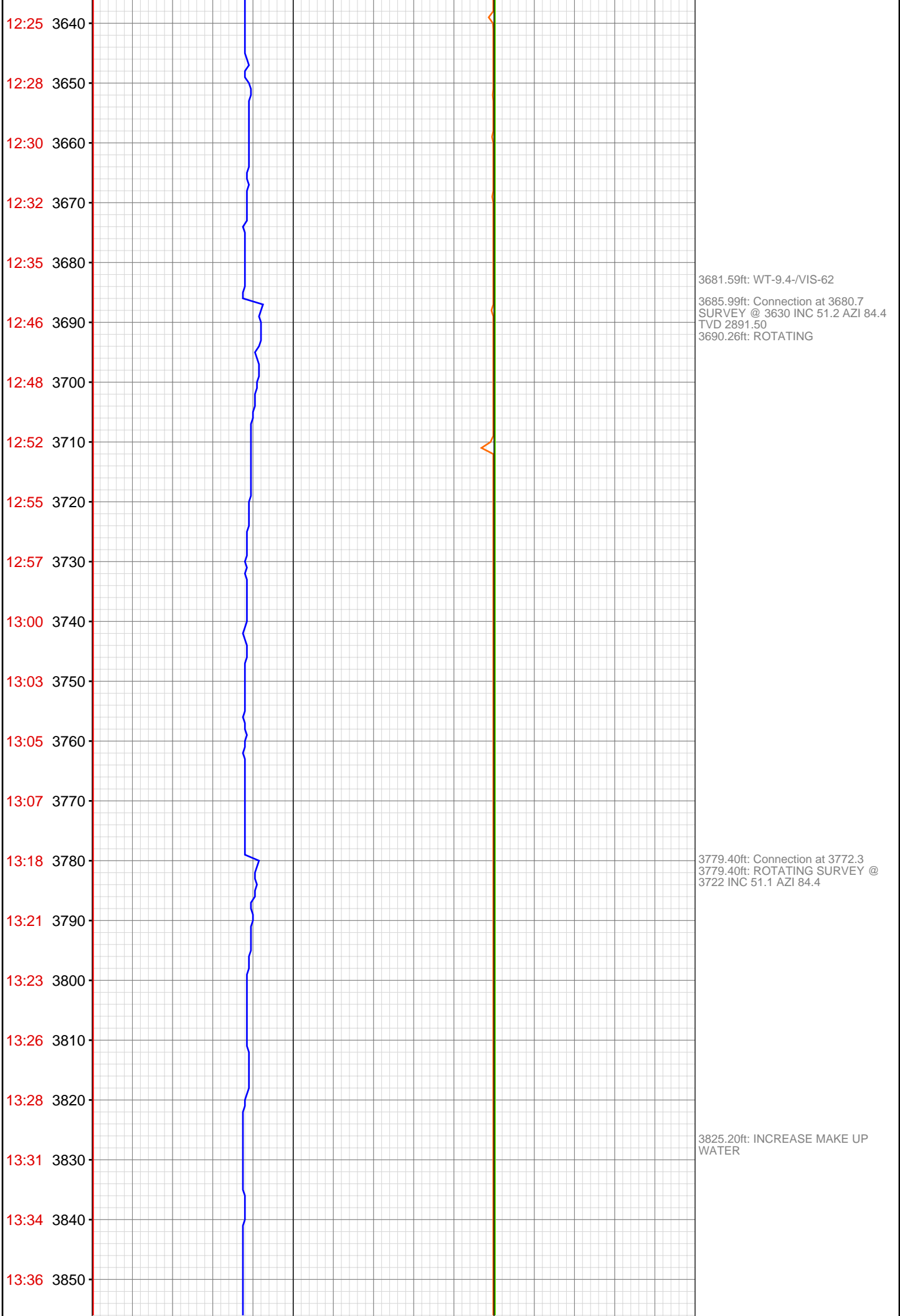












13:39 3860
13:42 3870
13:54 3880
13:56 3890
13:59 3900
14:02 3910
14:05 3920
14:08 3930
14:11 3940
14:13 3950
14:28 3960
14:34 3970
14:41 3980
14:44 3990
14:47 4000
14:49 4010
14:51 4020
14:55 4030
14:58 4040
15:09 4050
15:11 4060
15:14 4070

3871.00ft: ZDIFF from DHC
3871.65ft: Connection at 3863.8
3871.65ft: ROTATING SURVEY @
3813 INC 51.3 AZI 84.2
3872.01ft: ZWOB from DHC
3874.02ft: IN TALLY: HOLE DEPTH
SET TO 3863.8

3889.11ft: WT-9.4+/VIS-65

3954.99ft: HOOKLOAD WAS
RECALIBRATED
3954.99ft: ZDIFF from DHC
3955.54ft: Connection at 3955.3
3955.54ft: SLIDING
3955.54ft: SURVEY @ 3905 INC 51.3
AZI 82.8

3975.00ft: ZWOB from SideKick
sk-06-03-3103
3975.75ft: ROTATING

4047.01ft: ZDIFF from DHC
4047.21ft: Connection at 4046.8
4047.21ft: ROTATING
WT-9.4+/VIS-60
4047.21ft: SURVEY @ 3996 INC 49.7
AZI 86.4 TVD 3121.65



17:27 4300
17:30 4310
17:33 4320
17:43 4330
17:46 4340
17:49 4350
17:52 4360
17:55 4370
17:58 4380
18:01 4390
18:03 4400
18:06 4410
18:22 4420
18:29 4430
18:32 4440
18:34 4450
18:37 4460
18:40 4470
18:43 4480
18:46 4490
18:49 4500
19:01 4510

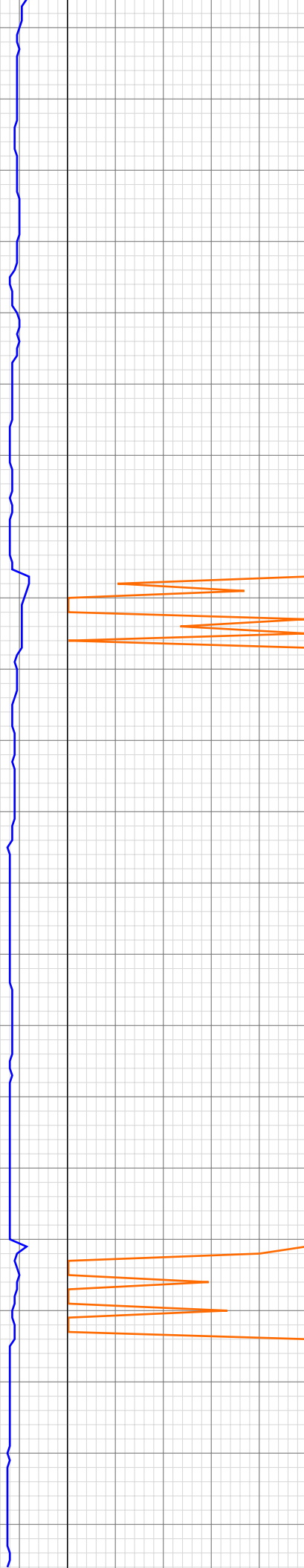
4323.00ft: ZWOB from DHC
4323.00ft: ZDIFF from DHC
4323.85ft: Connection at 4321.4
4323.85ft: ROTATING SURVEY @
4271 INC 47.6 AZI 84.7 TVD 3300.79
4324.02ft: IN TALLY: HOLE DEPTH
SET TO 4321.4

4339.01ft: WT-9.5/VIS-64

4414.01ft: ZDIFF from DHC
4414.14ft: Connection at 4413.0
4414.14ft: SLIDING
4416.83ft: SURVEY @ 4363 INC.
47.4 AZ. 84.7 TVD. 3362.95

4506.96ft: Connection at 4504.7
4506.96ft: SURVEY @ 4454 INC.
45.5 AZ. 82.9 TVD. 3425.64
4508.01ft: IN TALLY: HOLE DEPTH
SET TO 4504.7

19:03 4520
19:07 4530
19:10 4540
19:13 4550
19:16 4560
19:19 4570
19:22 4580
19:25 4590
19:49 4600
20:02 4610
20:05 4620
20:10 4630
20:15 4640
20:19 4650
20:22 4660
20:26 4670
20:29 4680
20:40 4690
20:50 4700
20:57 4710
21:01 4720
21:06 4730



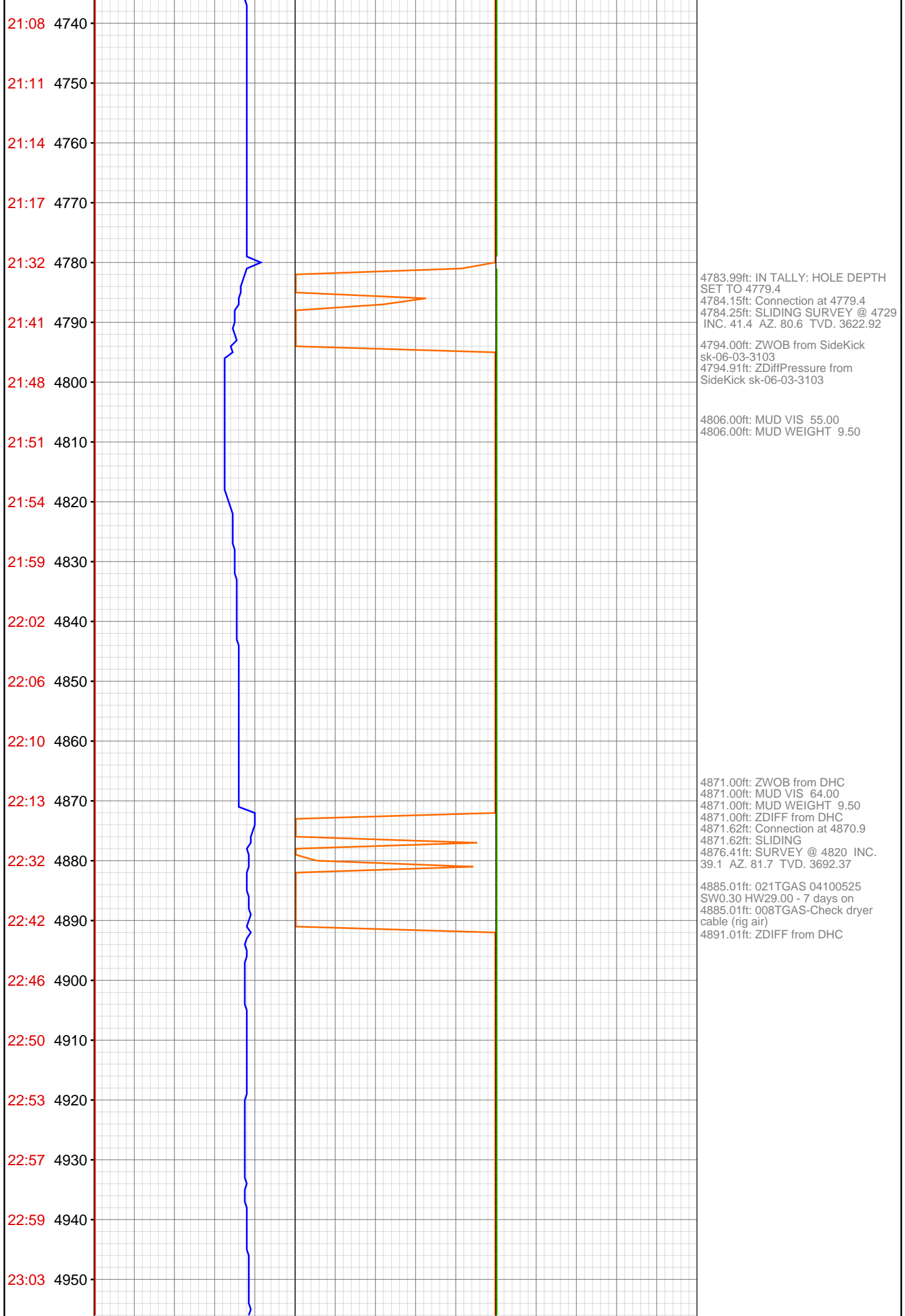
4527.99ft: MUD VIS 58.00
4527.99ft: MUD WEIGHT 9.45

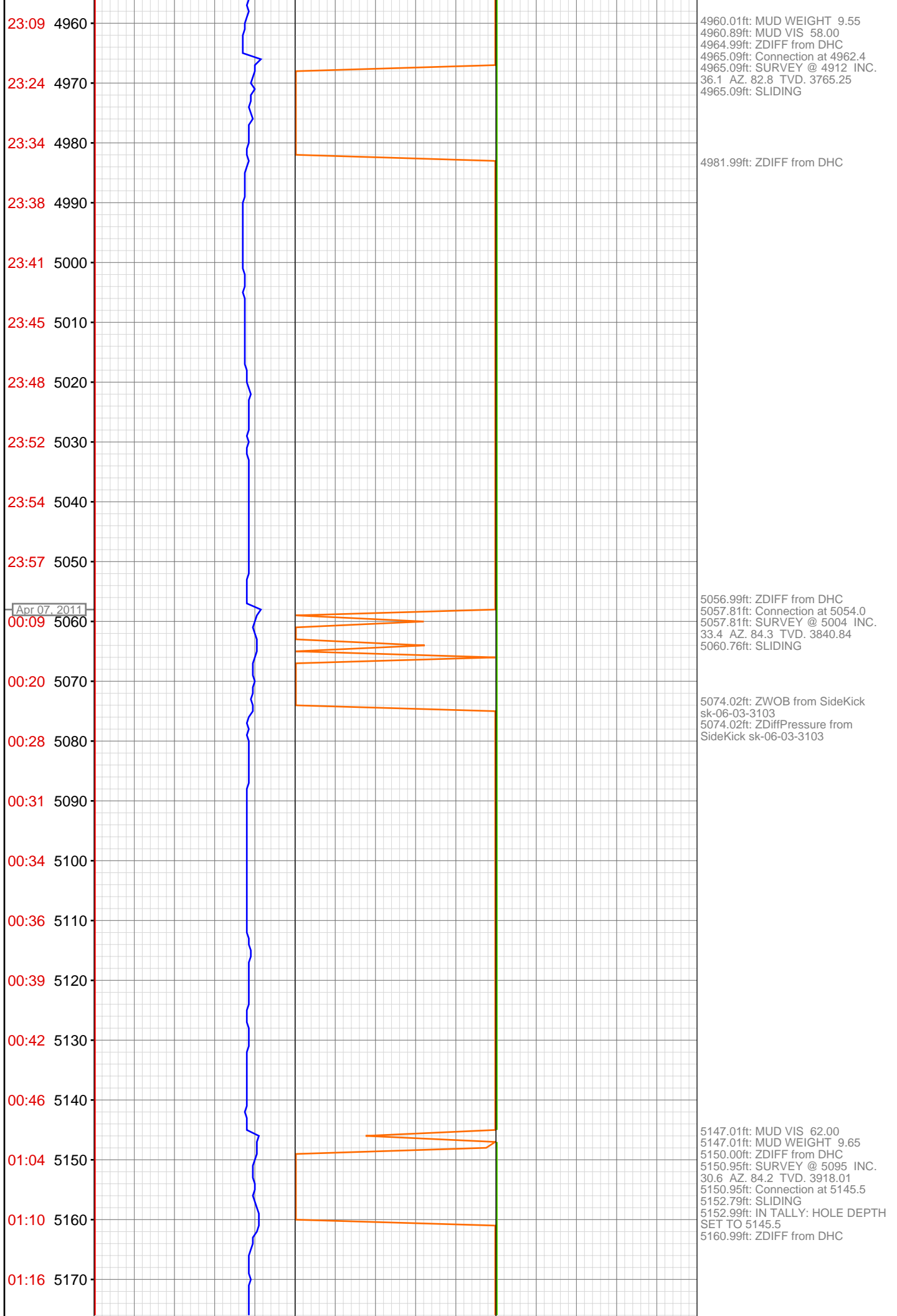
4596.82ft: Connection at 4596.1
SURVEY @ 4546 INC. 45.4 AZ.
83.7 TVD. 3490.19
4598.26ft: SLIDING

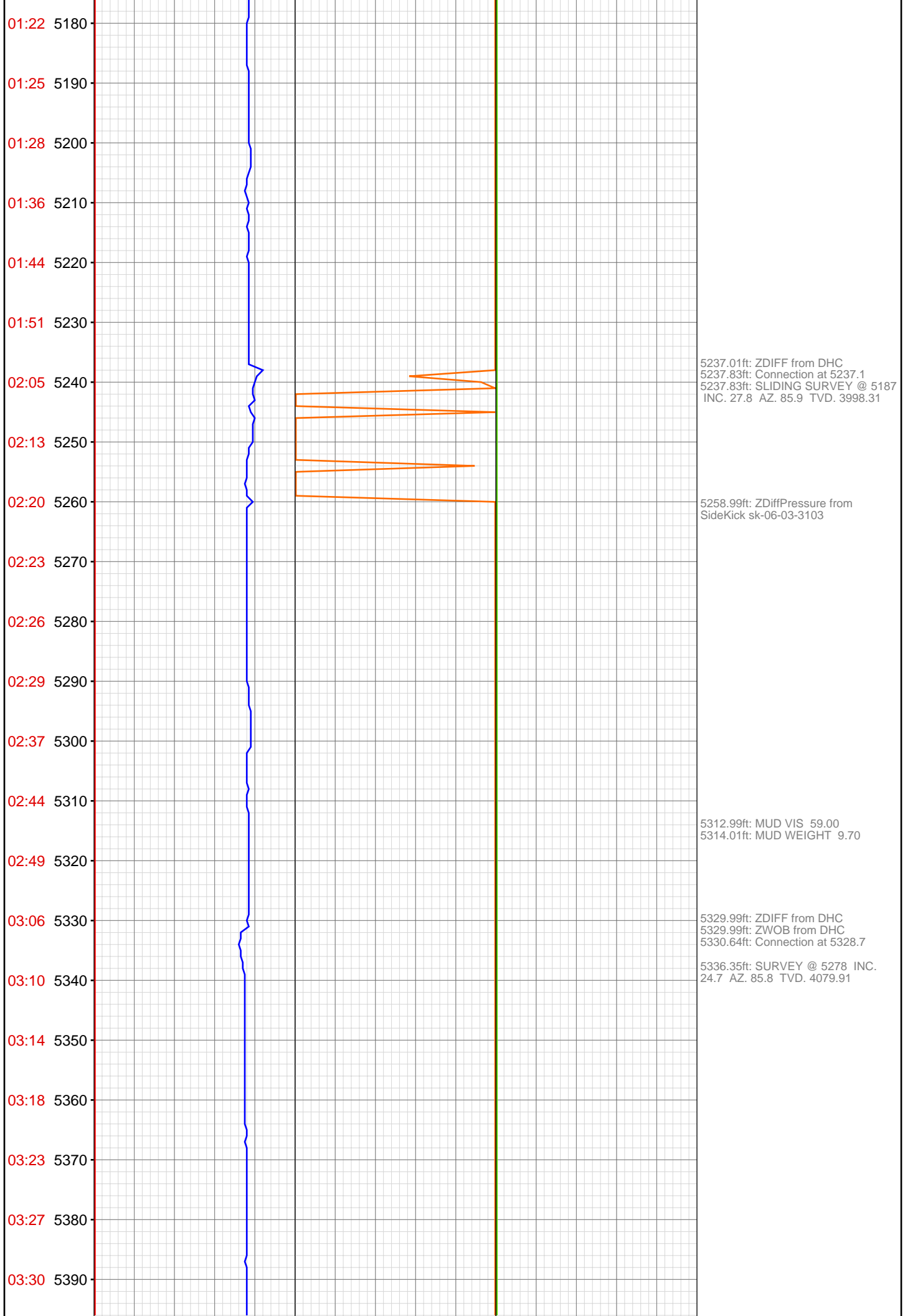
4606.00ft: ZDIFF from DHC

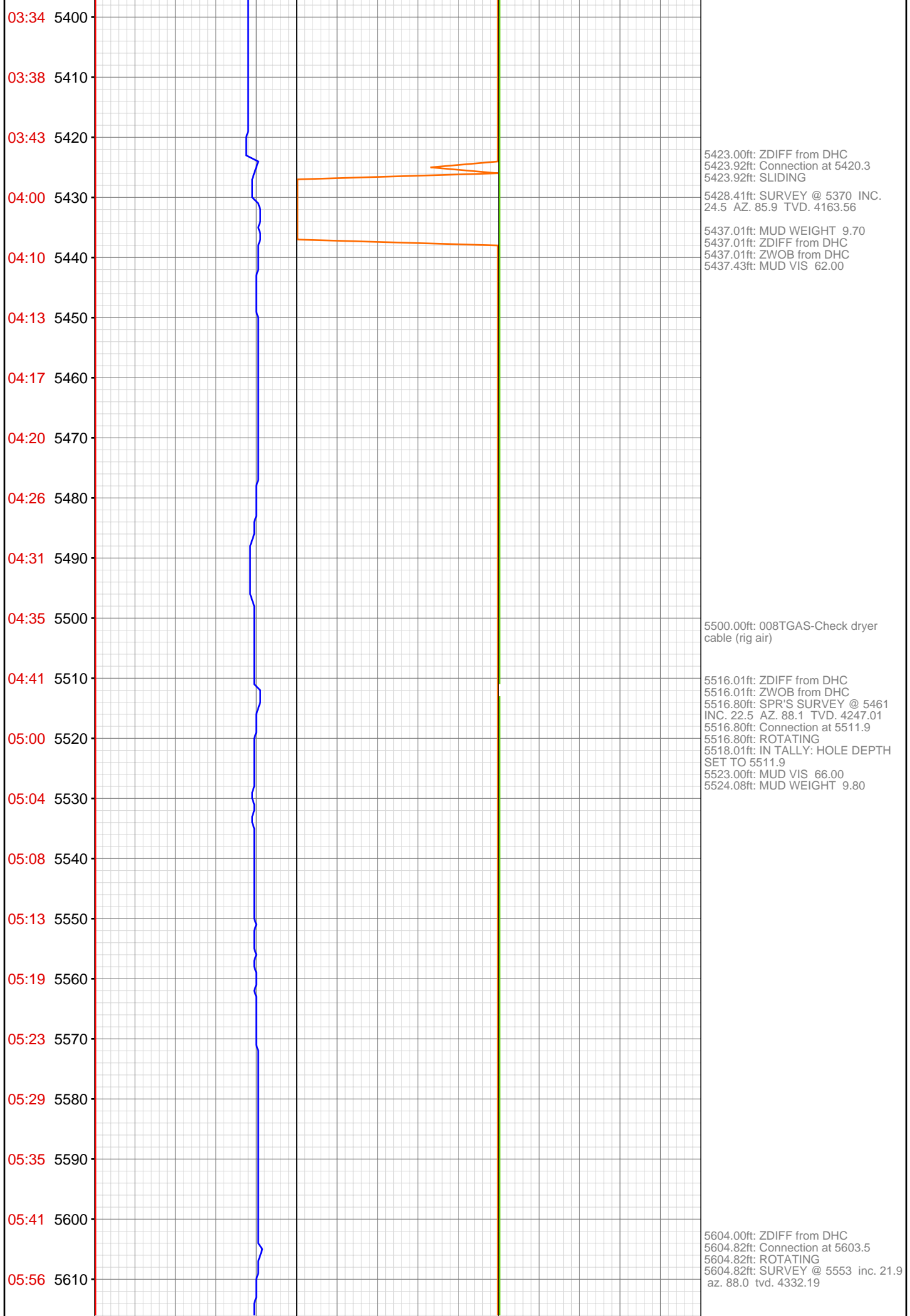
4629.99ft: MUD VIS 53.00
4629.99ft: MUD WEIGHT 9.50

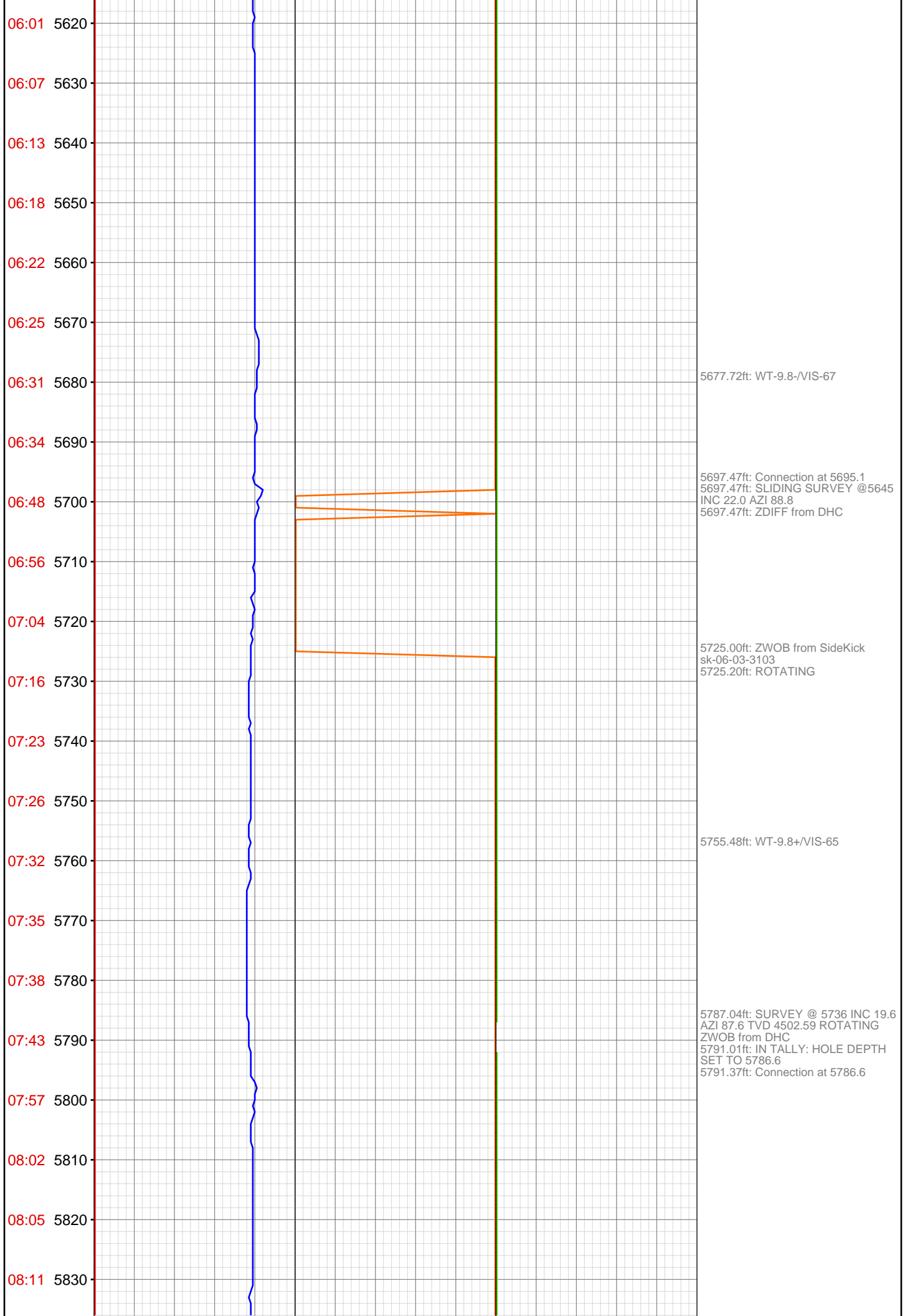
4689.99ft: ZDIFF from DHC
4690.58ft: Connection at 4687.7
4691.80ft: SLIDING SURVEY @ 4637
INC. 43.6 AZ. 80.9 TVD. 3555.10

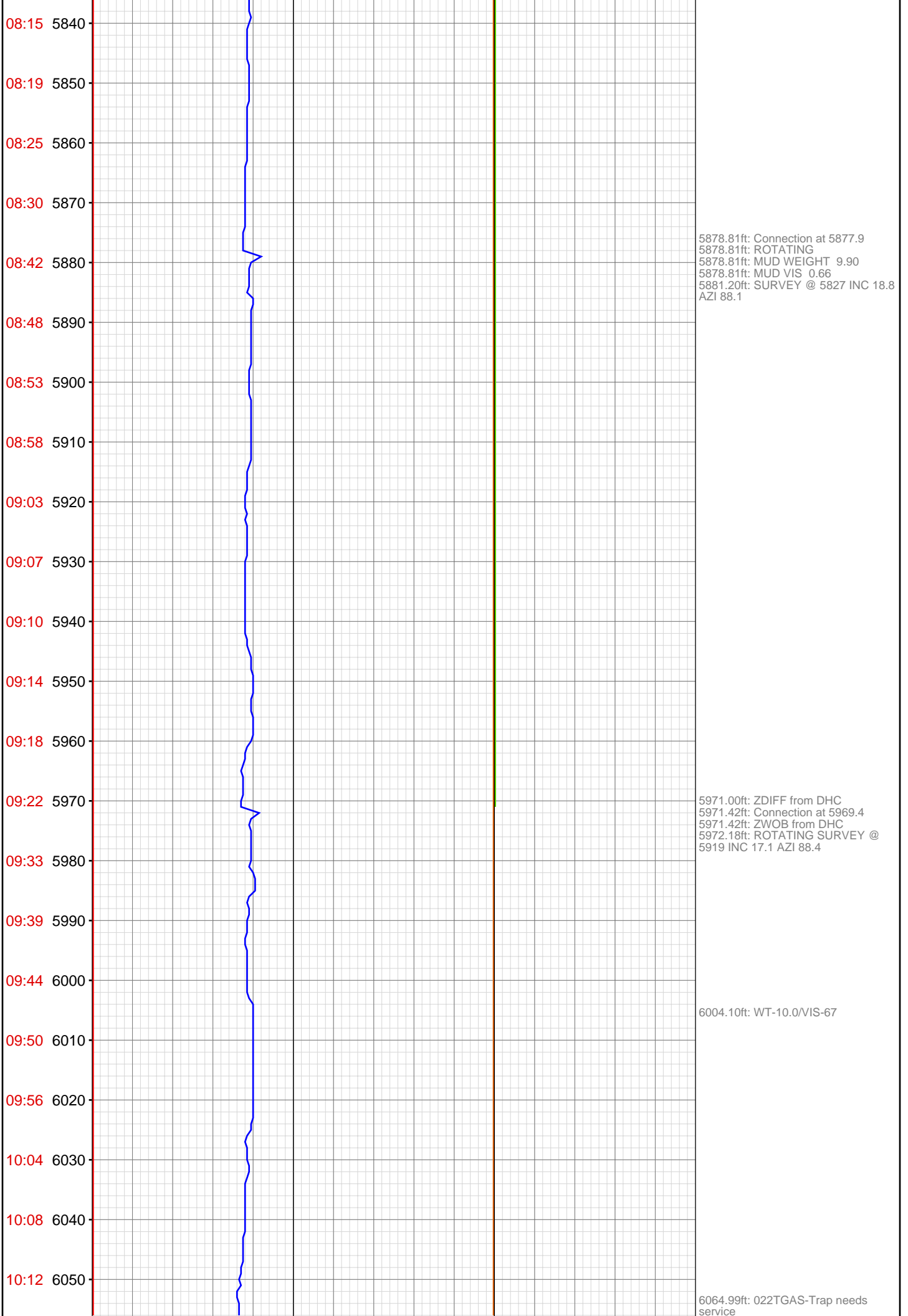




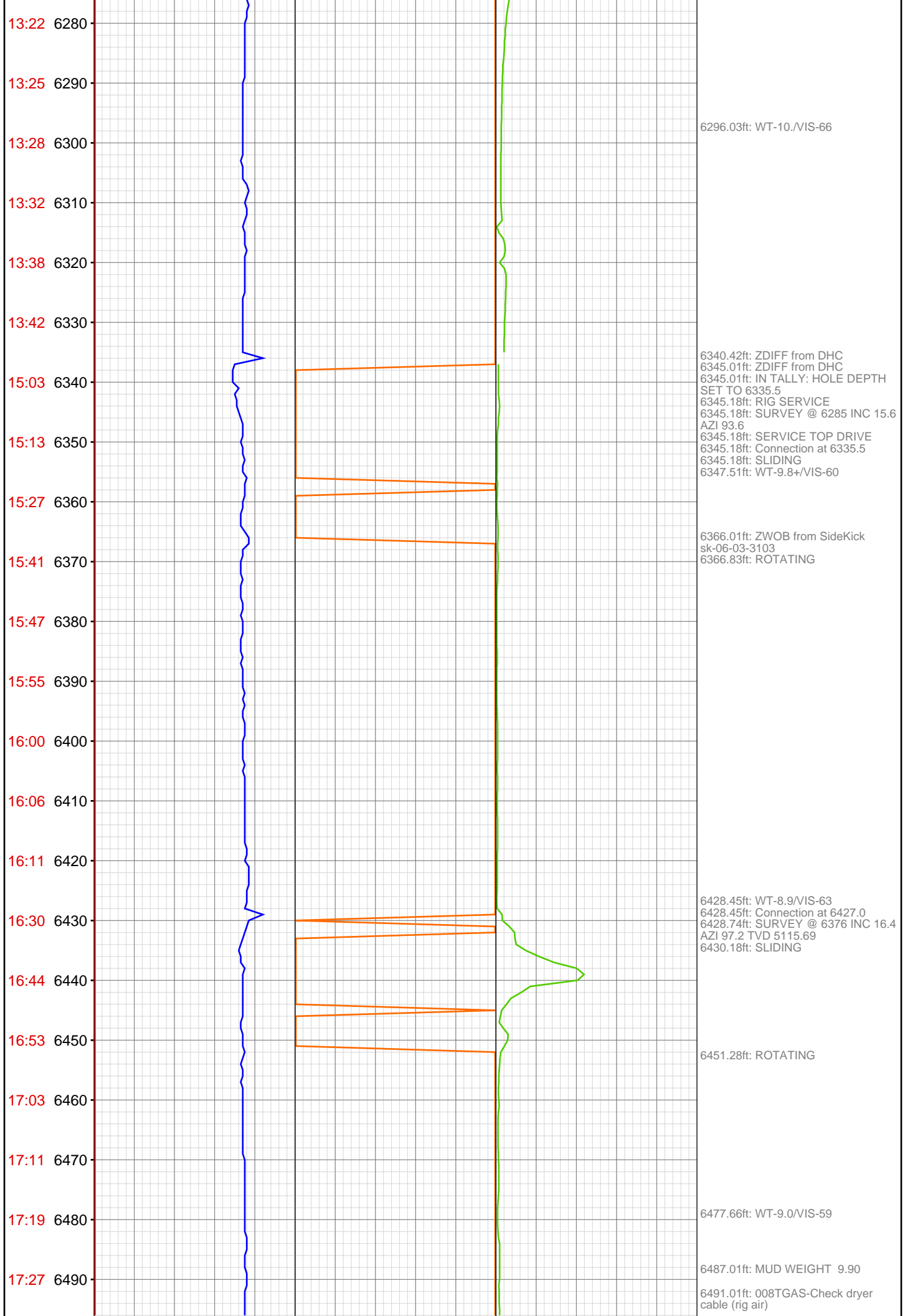


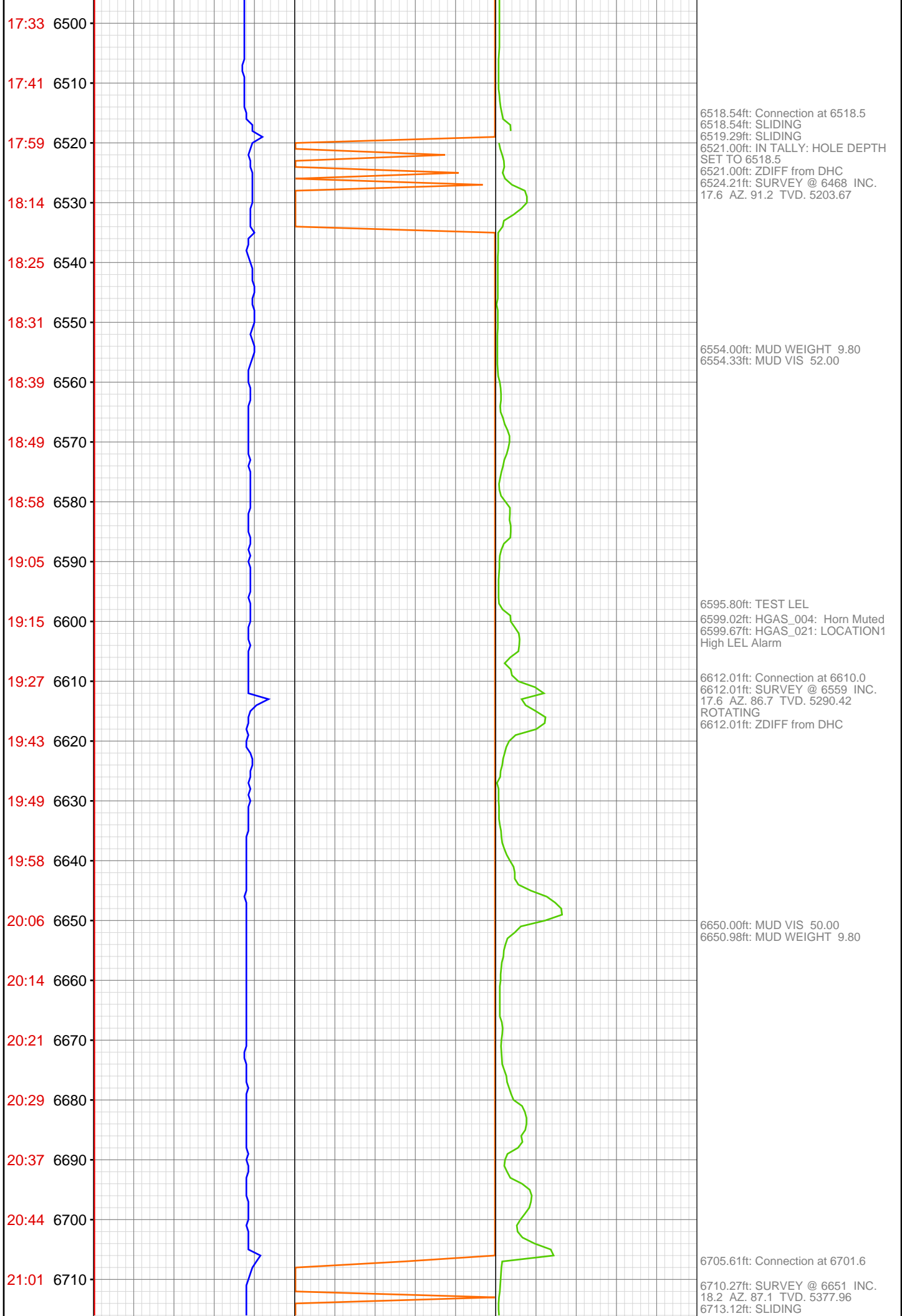


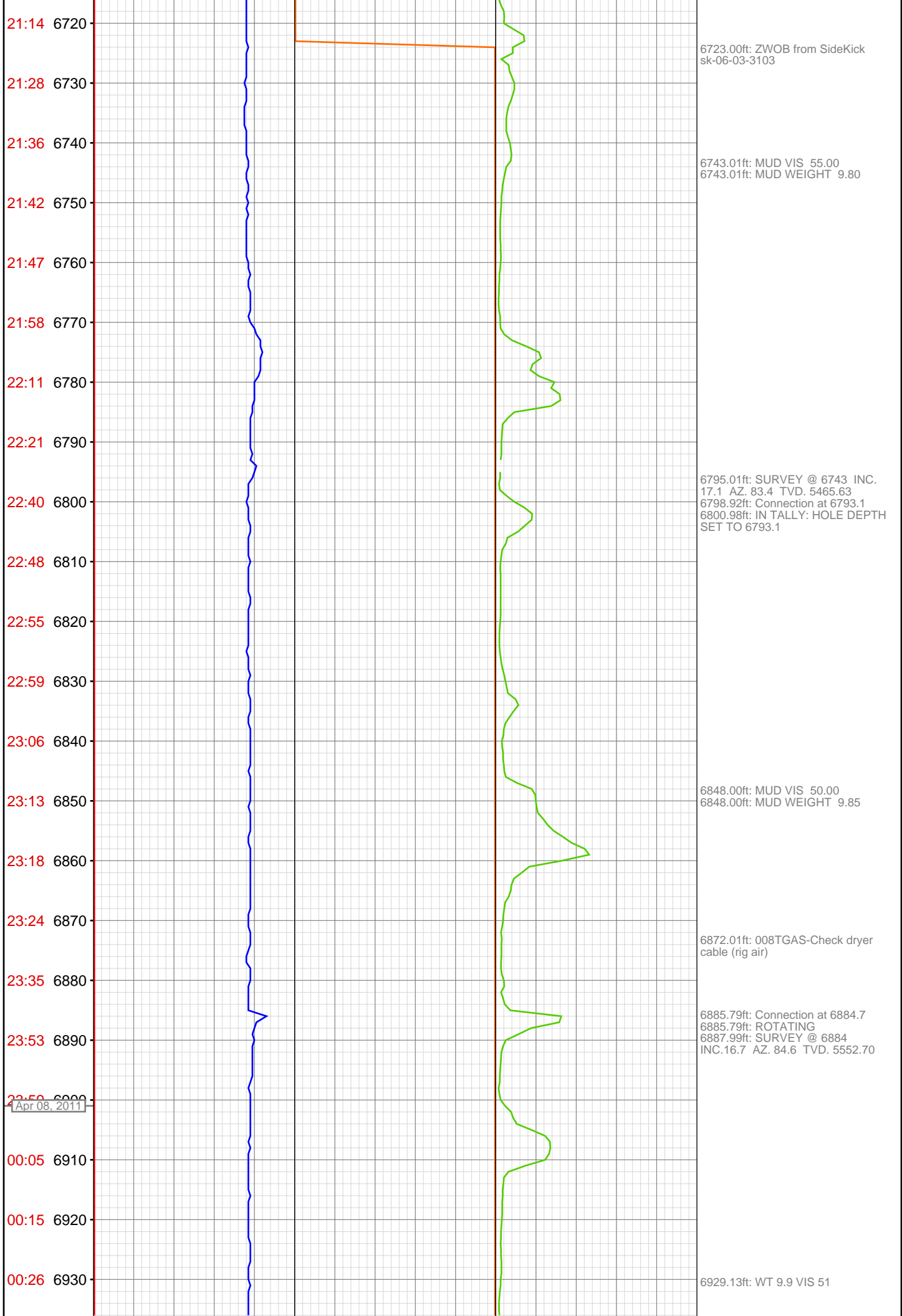


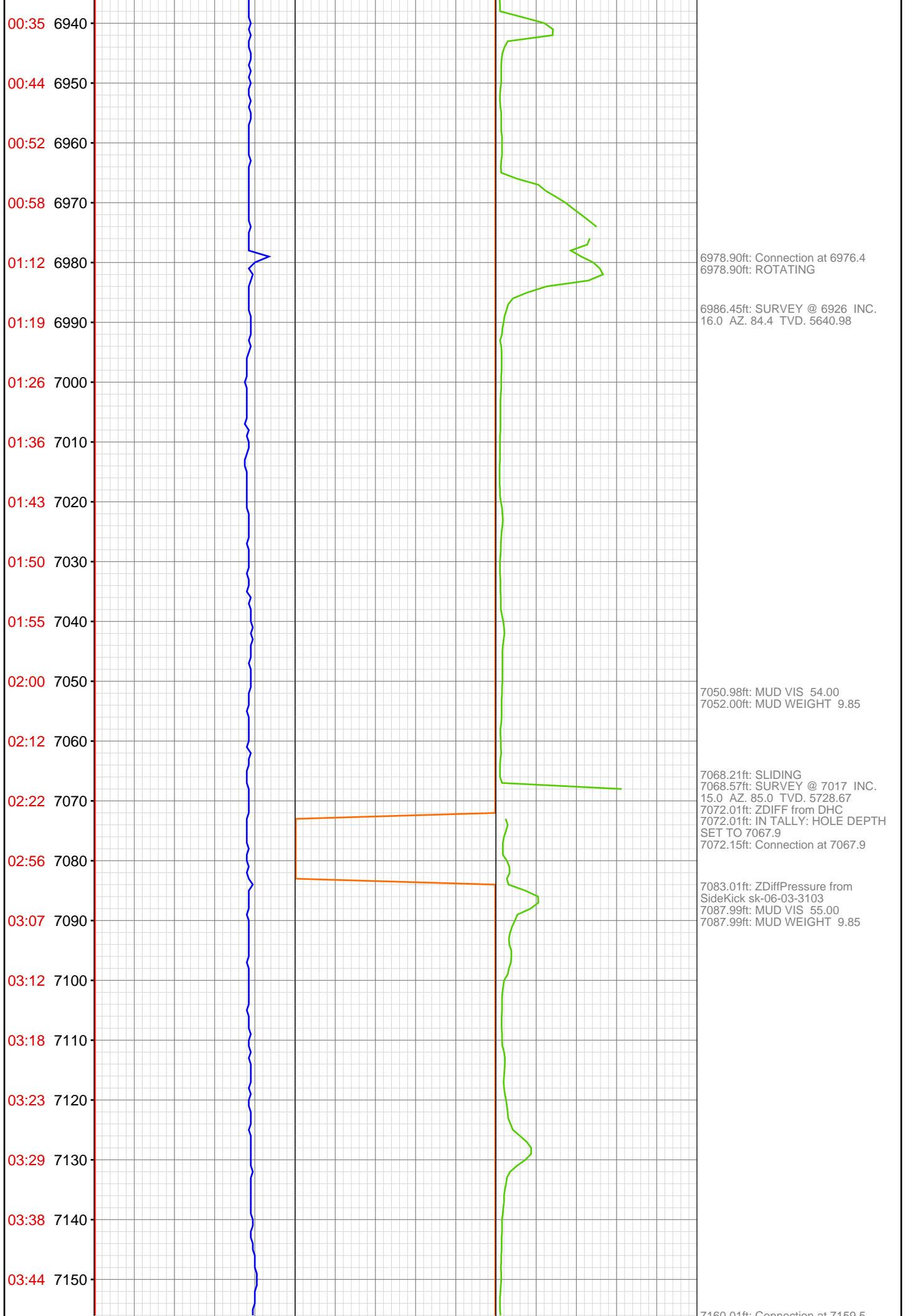


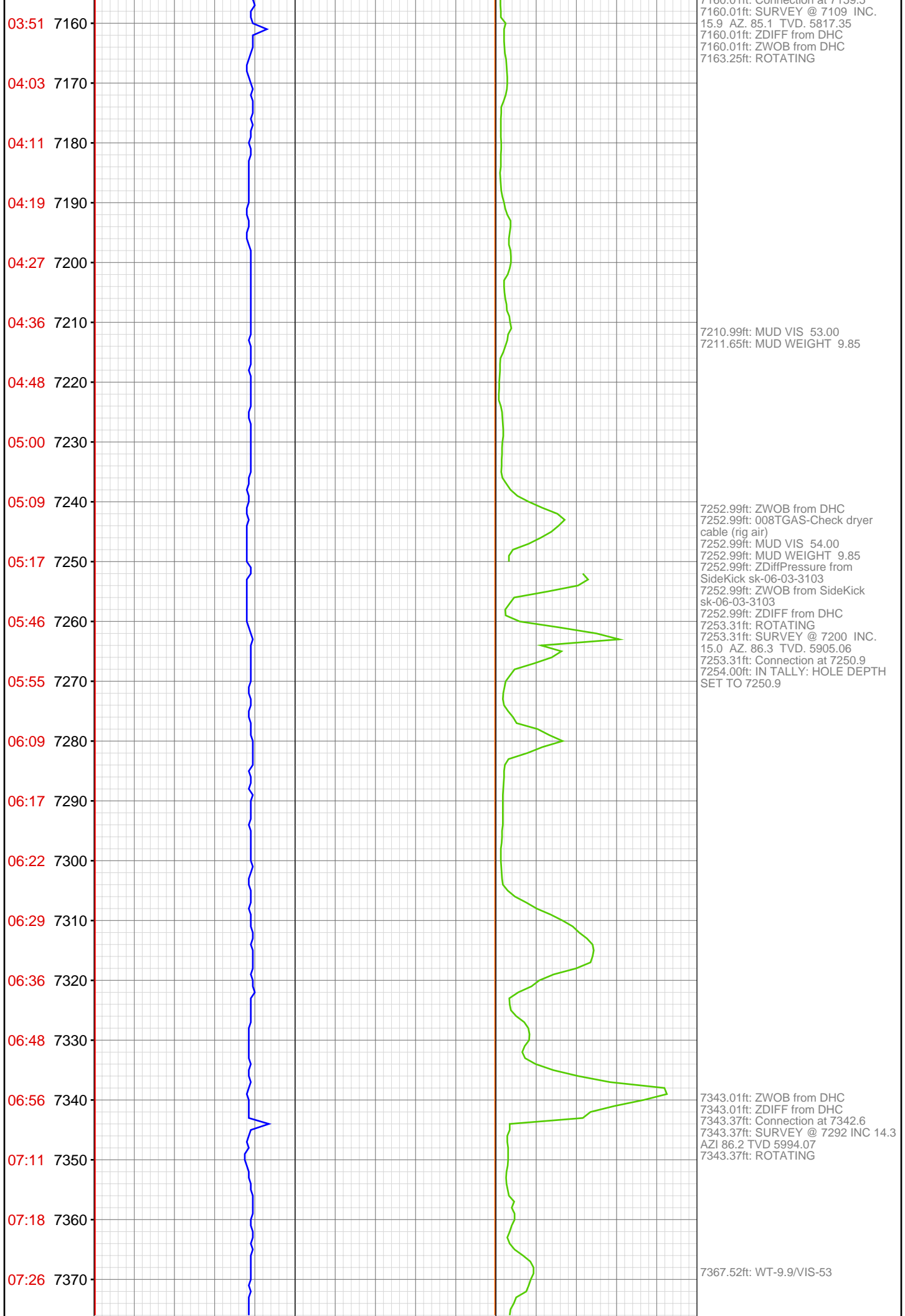


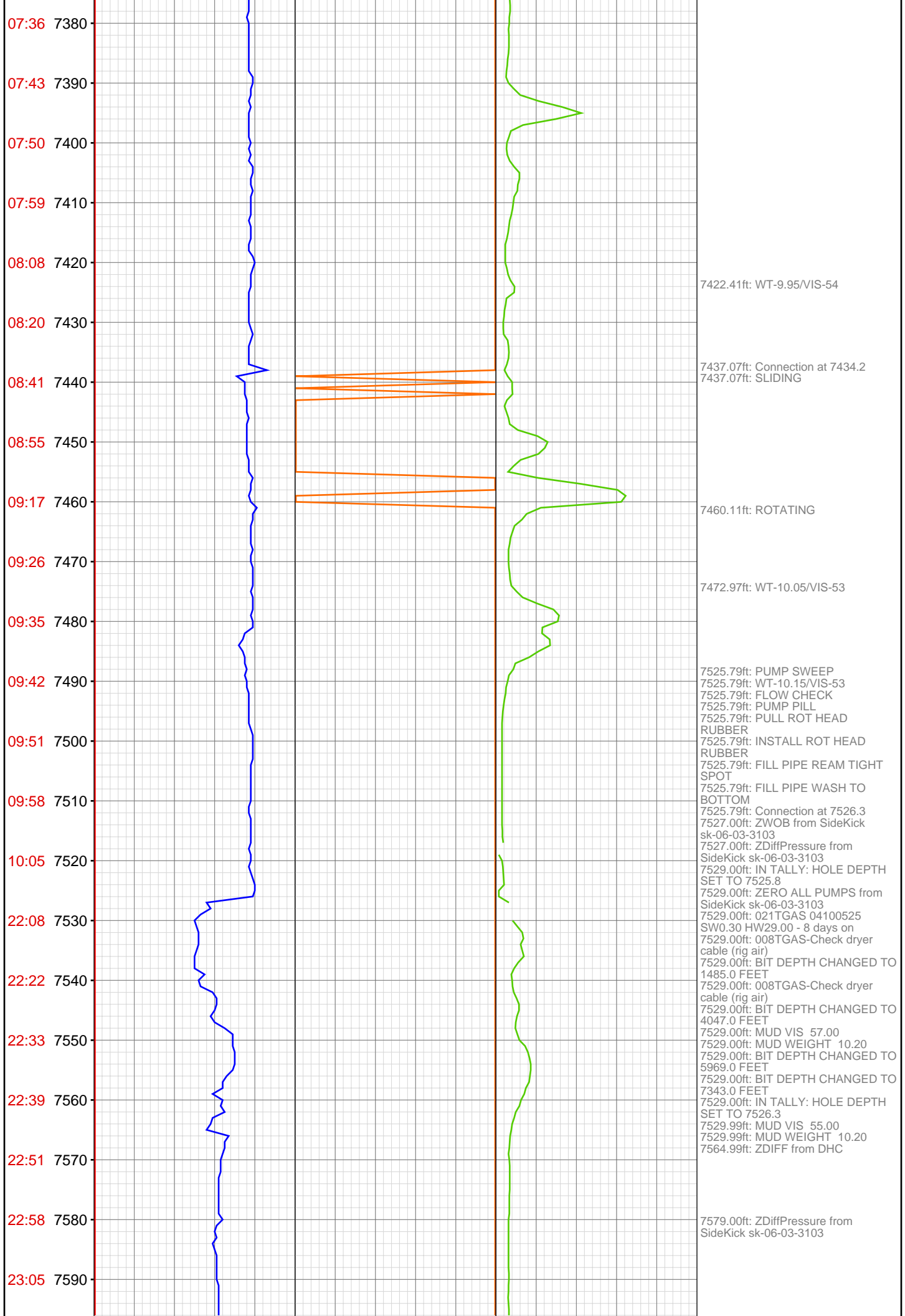


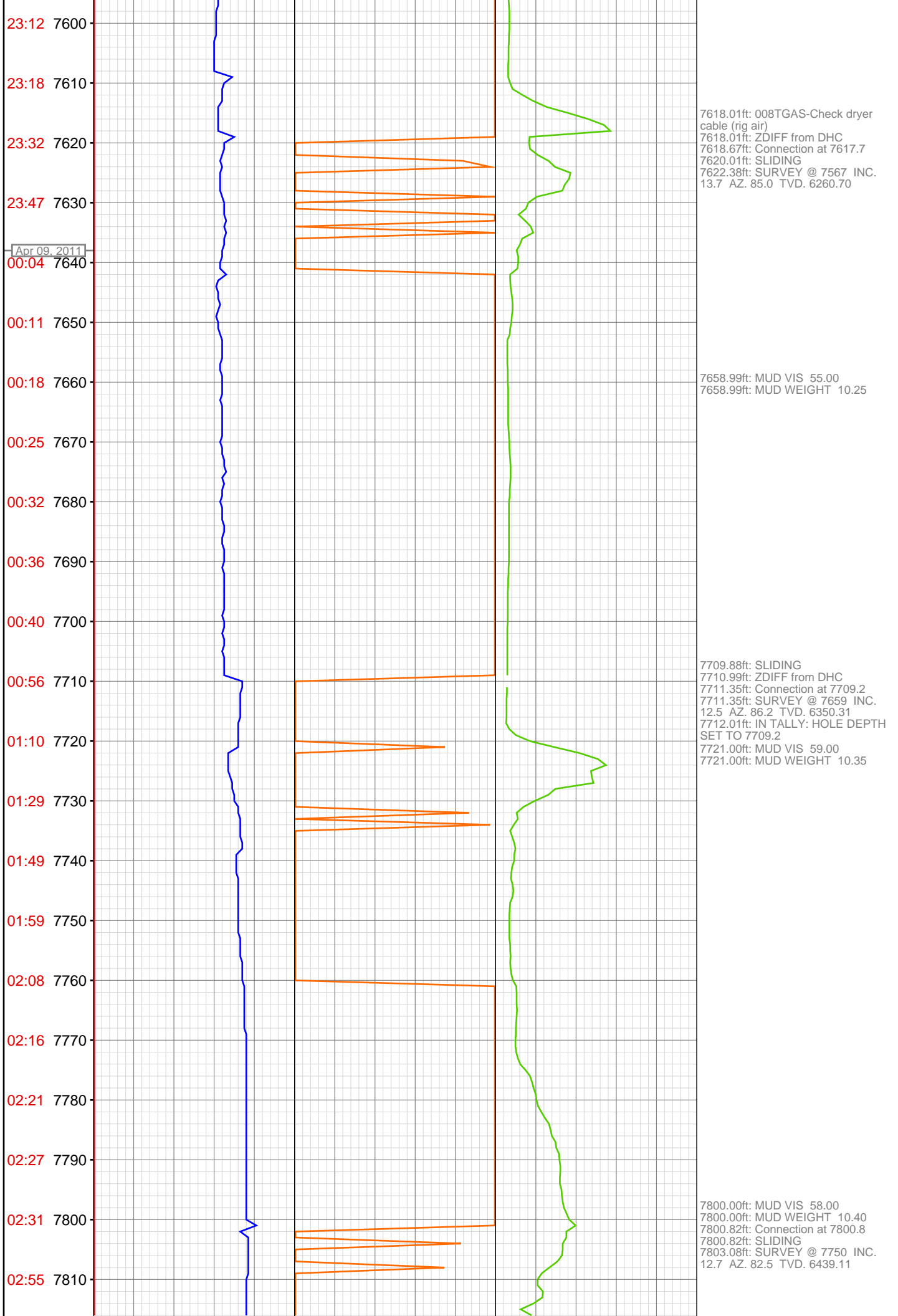


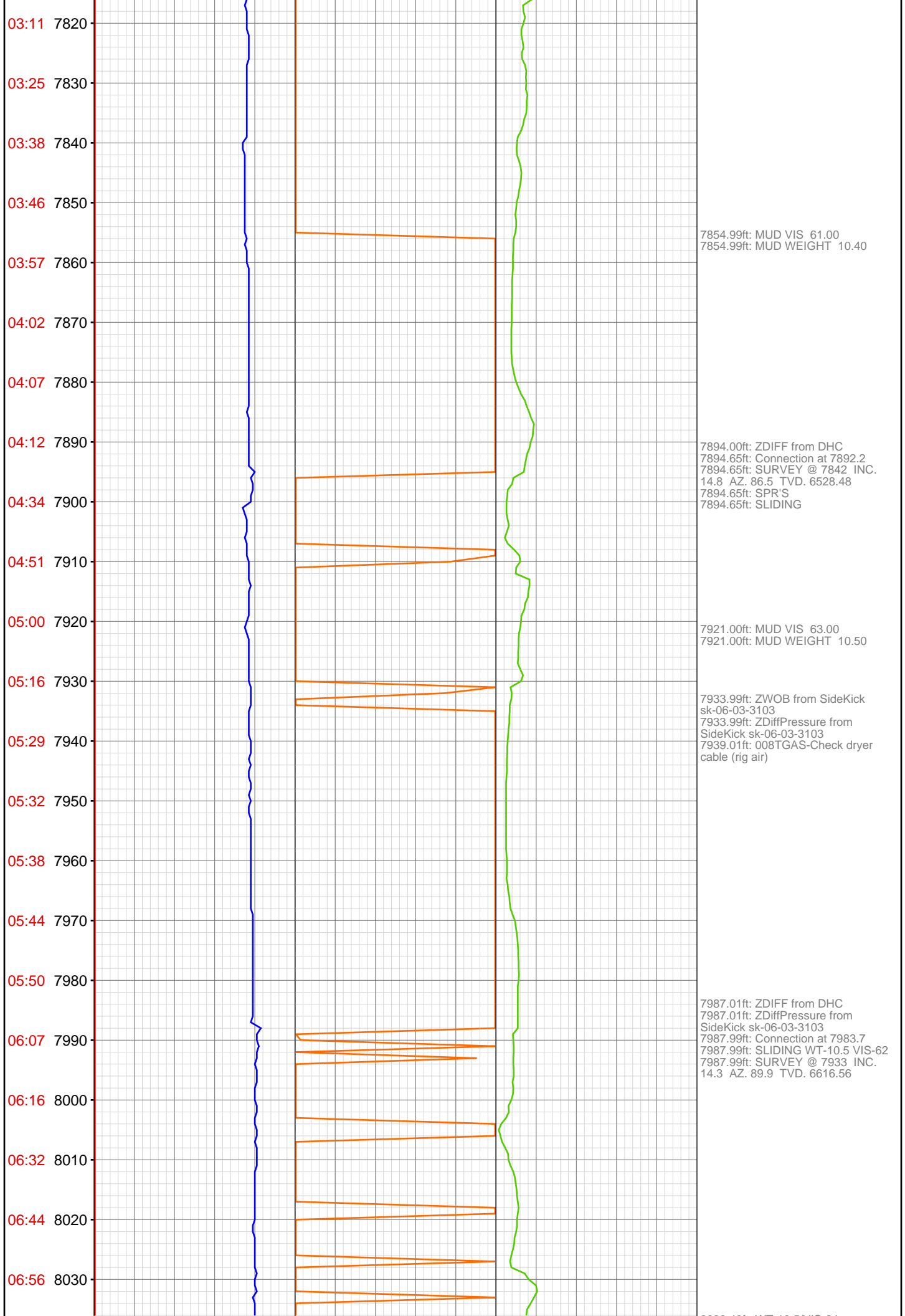


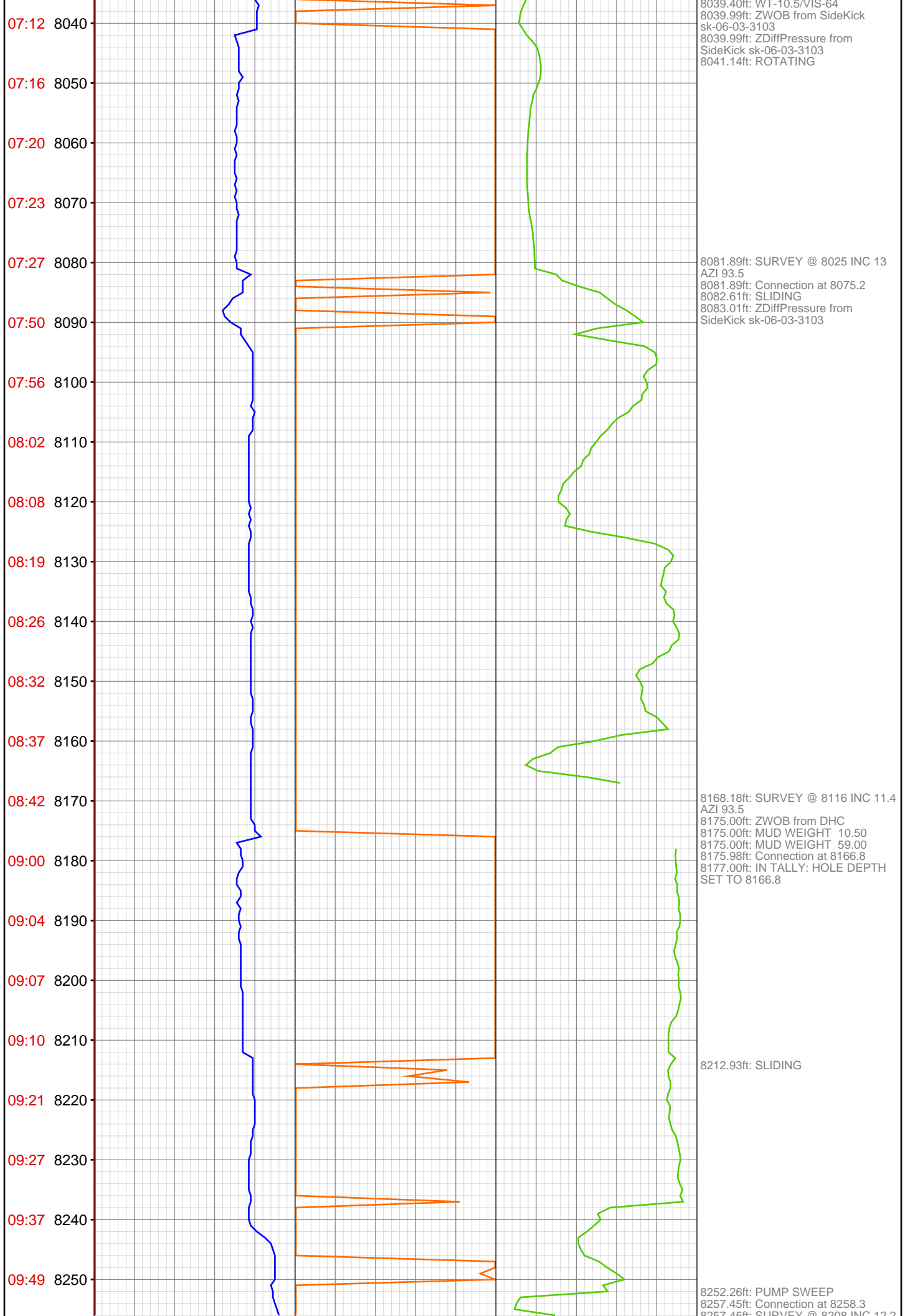


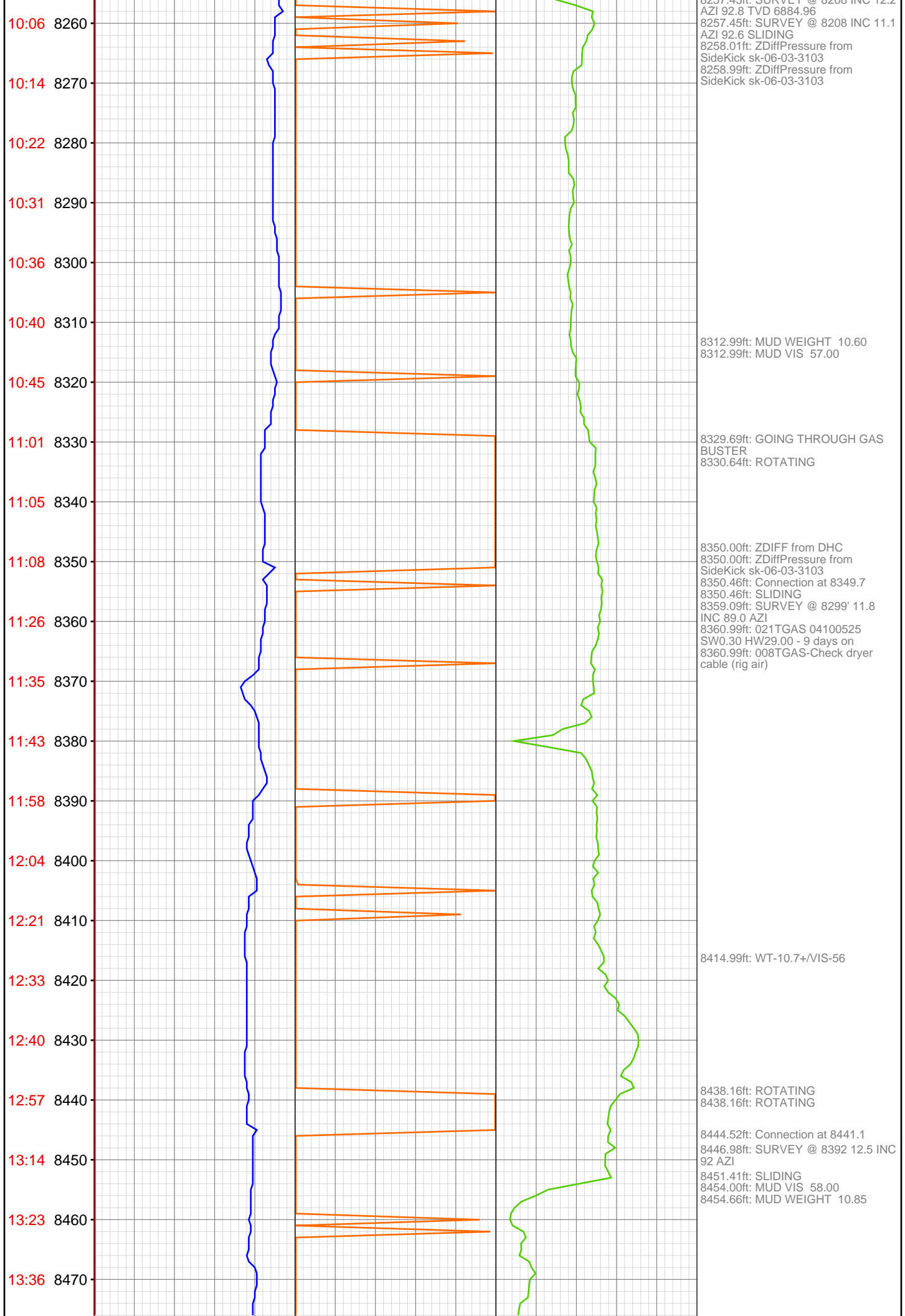


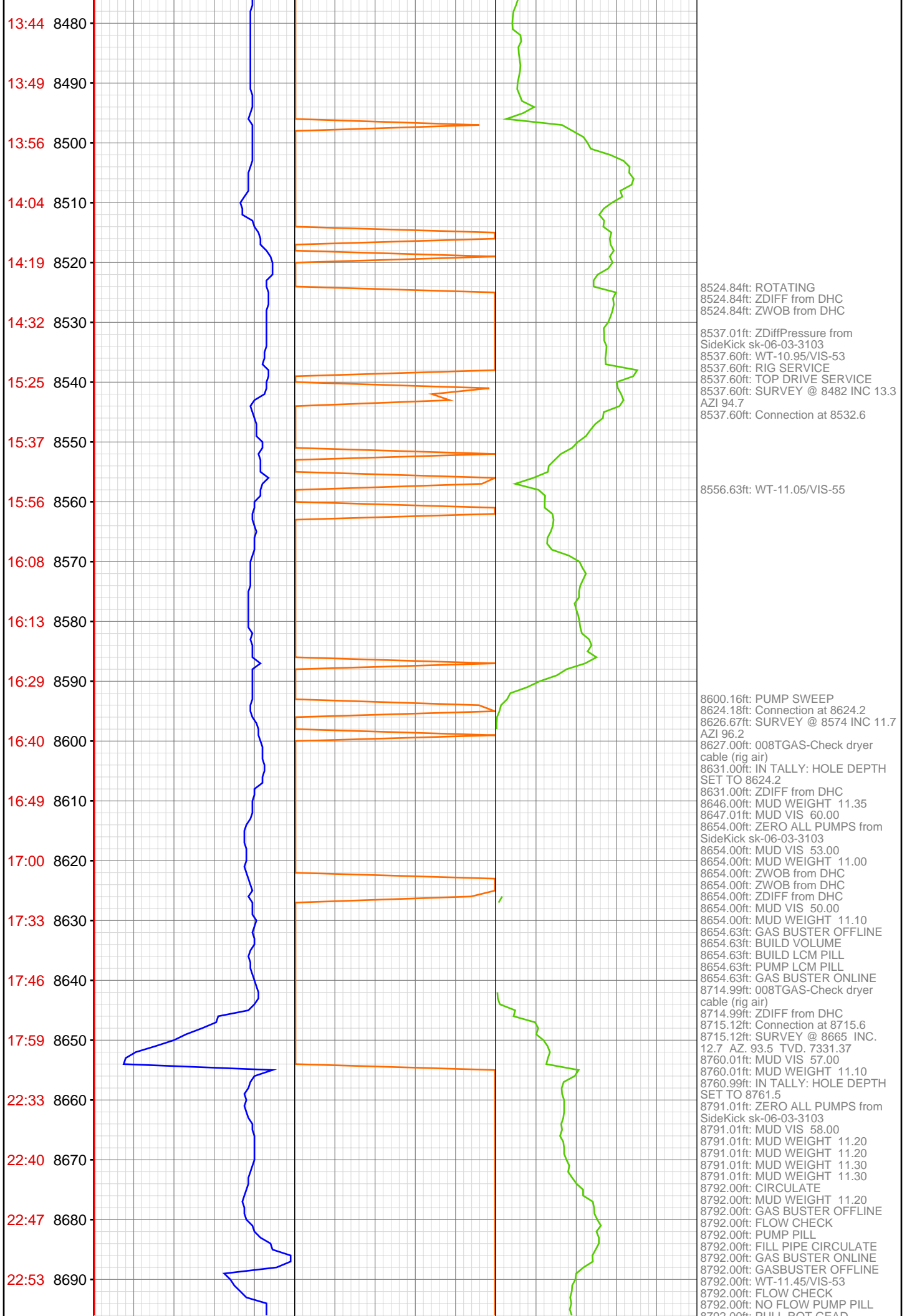












23:02 8700

23:11 8710

23:40 8720

23:53 8730

Apr 10, 2011

00:05 8740

00:14 8750

00:22 8760

00:31 8770

00:40 8780

00:46 8790

8800



8792.00ft: FULL ROT GEAR
RUBBER
8792.00ft: FILL PIPE
8792.00ft: FILL PIPE
8792.00ft: FILL PIPE CIRCULATE
8792.00ft: INSTALL STATIC HEAD
8792.00ft: FILL PIPE CIRCULATE
8792.00ft: FILL PIPE CIRCULATE
8792.00ft: FILL PIPE CIRCULATE
8792.00ft: FILL PIPE CIRCULATE
8792.00ft: FILL PIPE WASH DOWN
LAST TWO JOINTS
8792.00ft: CIRCULATE
8792.00ft: MUD VIS 44.00
8792.00ft: BIT DEPTH CHANGED TO
8770.0 FEET
8794.00ft: 008TGAS-Check dryer
cable (rig air)
8794.00ft: ZERO ALL PUMPS from
SideKick sk-06-03-3103
8794.00ft: 021TGAS 04100525
SW0.30 HW29.00 - 10 days on
8794.00ft: 008TGAS-Check dryer
cable (rig air)
8794.00ft: ZERO ALL PUMPS from
SideKick sk-06-03-3103
8794.00ft: BIT DEPTH CHANGED TO
627.0 FEET
8794.00ft: ZERO ALL PUMPS from
SideKick sk-06-03-3103
8794.00ft: BIT DEPTH CHANGED TO
2152.0 FEET
8794.00ft: 008TGAS-Check dryer
cable (rig air)
8794.00ft: BIT DEPTH CHANGED TO
3691.0 FEET
8794.00ft: ZERO ALL PUMPS from
SideKick sk-06-03-3103
8794.00ft: ZERO ALL PUMPS from
SideKick sk-06-03-3103
8794.00ft: BIT DEPTH CHANGED TO
5214.0 FEET
8794.00ft: MUD VIS 55.00
8794.00ft: MUD WEIGHT 11.45
8794.00ft: BIT DEPTH CHANGED TO
6713.0 FEET
8794.00ft: ZERO ALL PUMPS from
SideKick sk-06-03-3103
8794.00ft: 008TGAS-Check dryer
cable (rig air)
8794.00ft: BIT DEPTH CHANGED TO
7742.0 FEET
8794.00ft: ZERO ALL PUMPS from
SideKick sk-06-03-3103
8794.00ft: MUD VIS 46.00
8794.00ft: MUD WEIGHT 11.40
8794.00ft: MUD WEIGHT 11.40
8794.00ft: TRANSFERRED 100.00
8794.00ft: 008TGAS-Check dryer
cable (rig air)