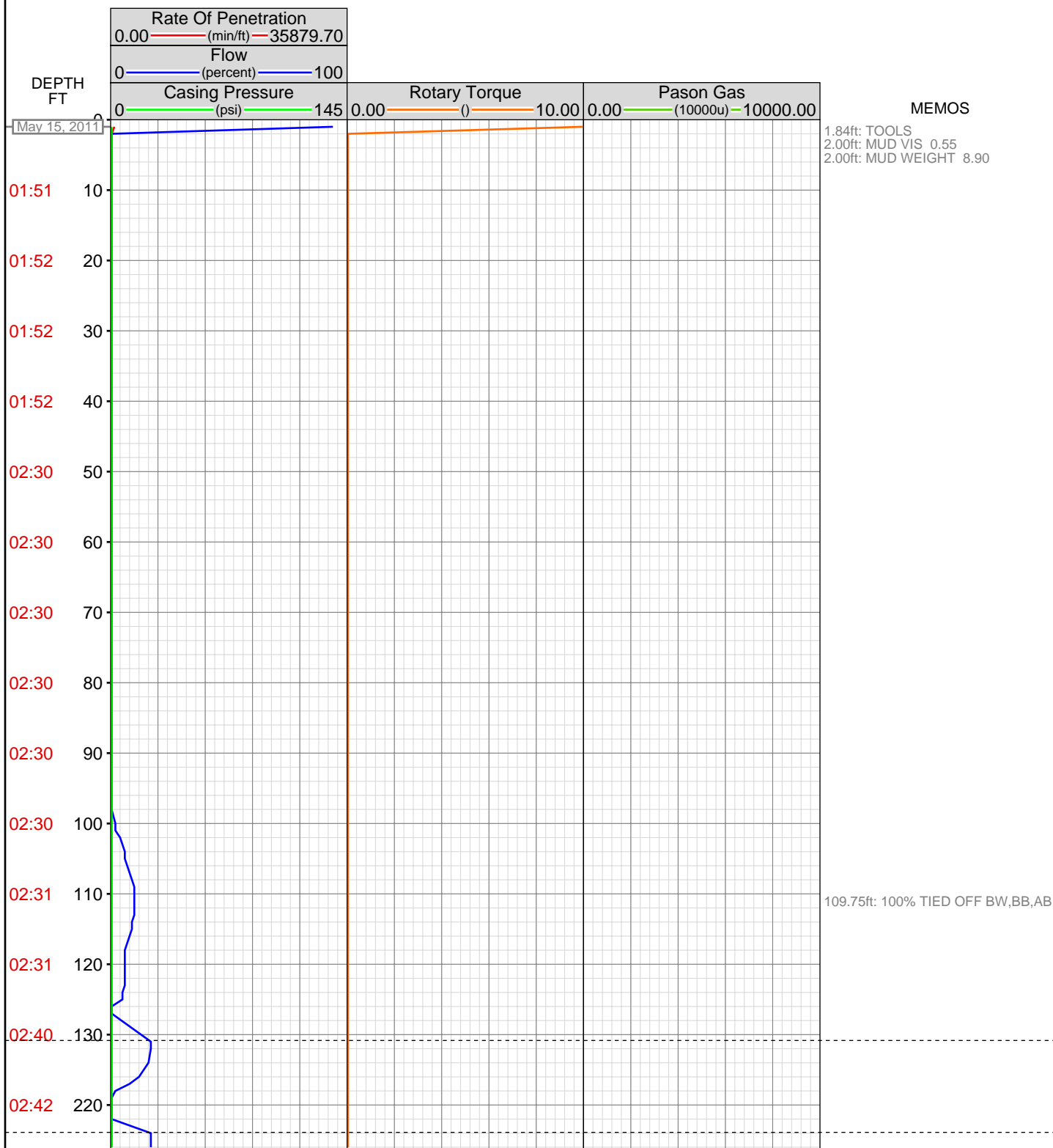


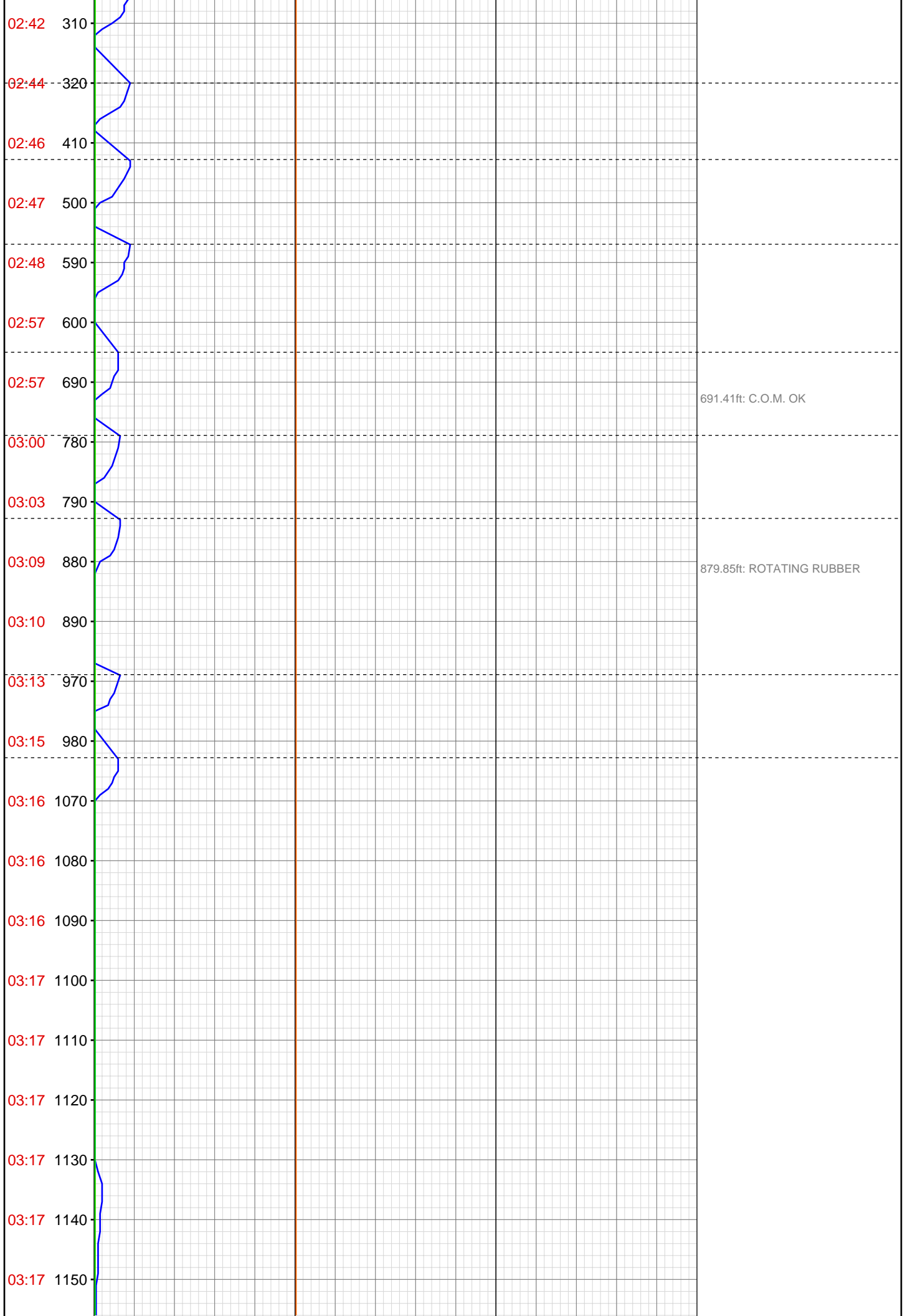
DataHub EDR Log

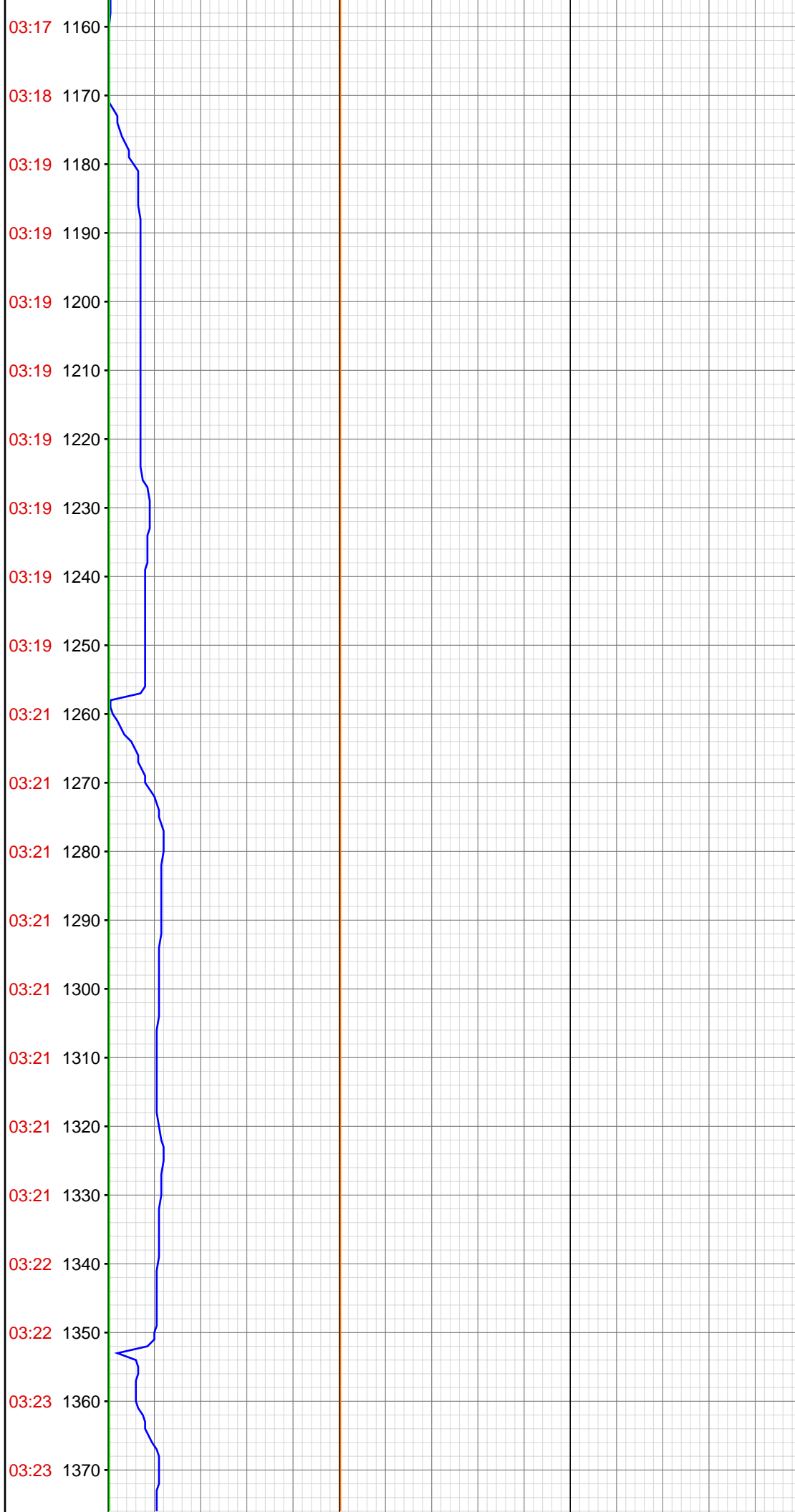
Mon May 23, 2011 08:36:25
Well Dossier 1305396474
Marilyn Tucker

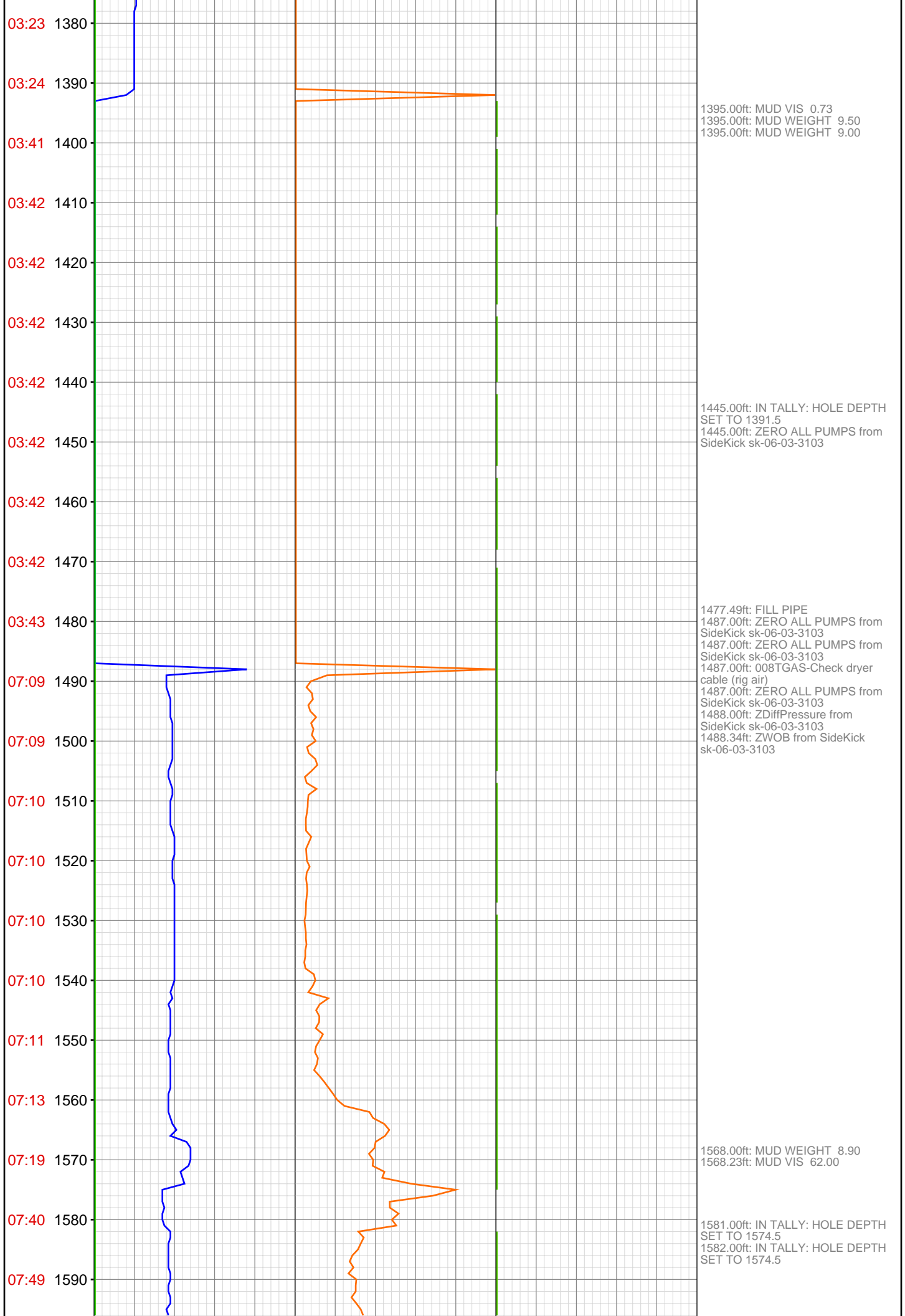
OPERATOR: EnCana Oil & Gas (USA), Inc.
WELL: NPMF 03C-16 H17 696
FIELD:
LOCATION: QTRQTR:SENE SEC:17 TWP:6S RNG:96W R1E15S D6
COUNTRY: USA
RIG: Pat-UTI 303

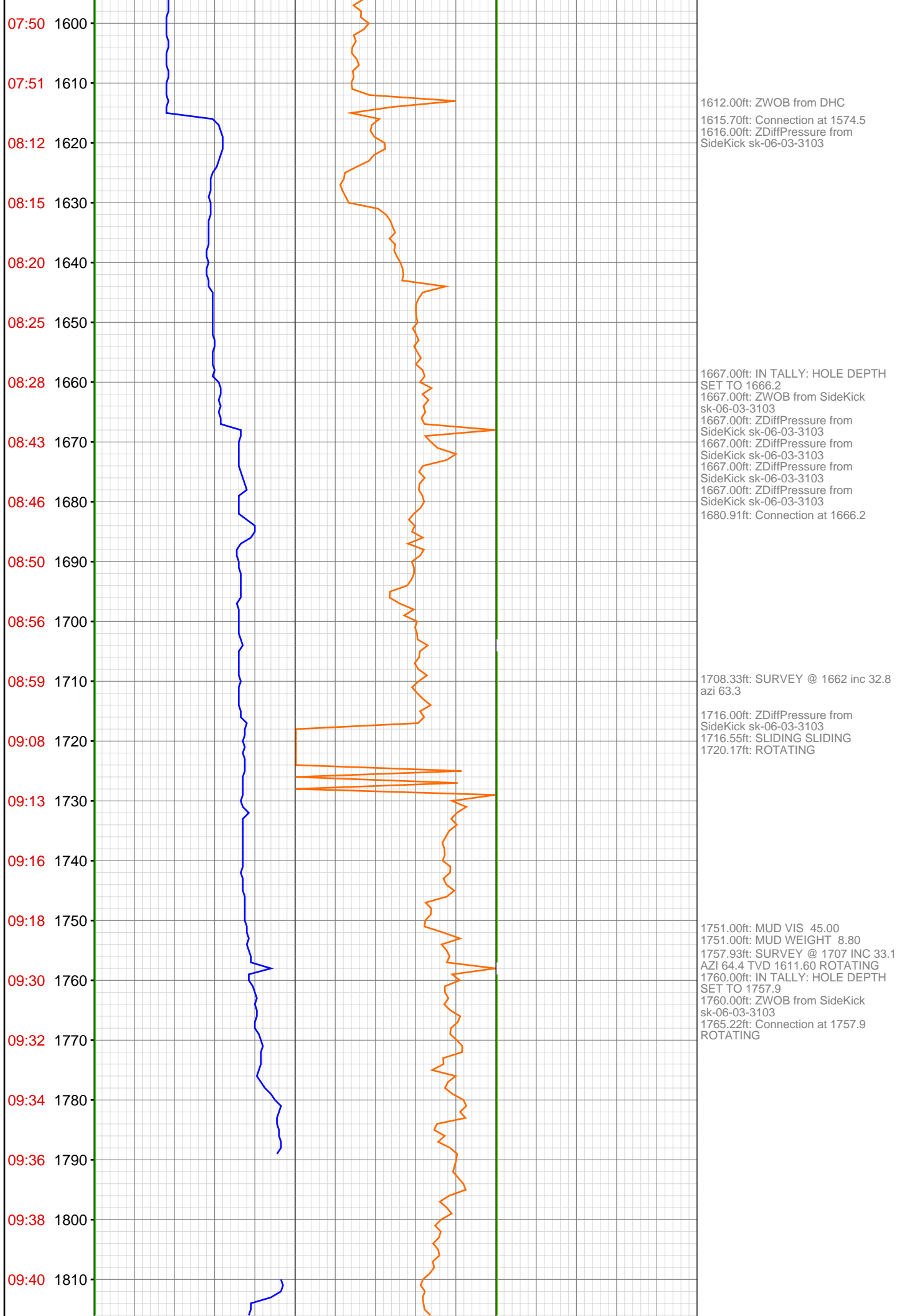
CONTRACTOR: Patterson-UTI Drilling Company
UNIQUE WELL ID: 05 045 18692 01
SPUD DATE: May 15, 2011 08:30
RELEASE DATE: May 19, 2011 16:00

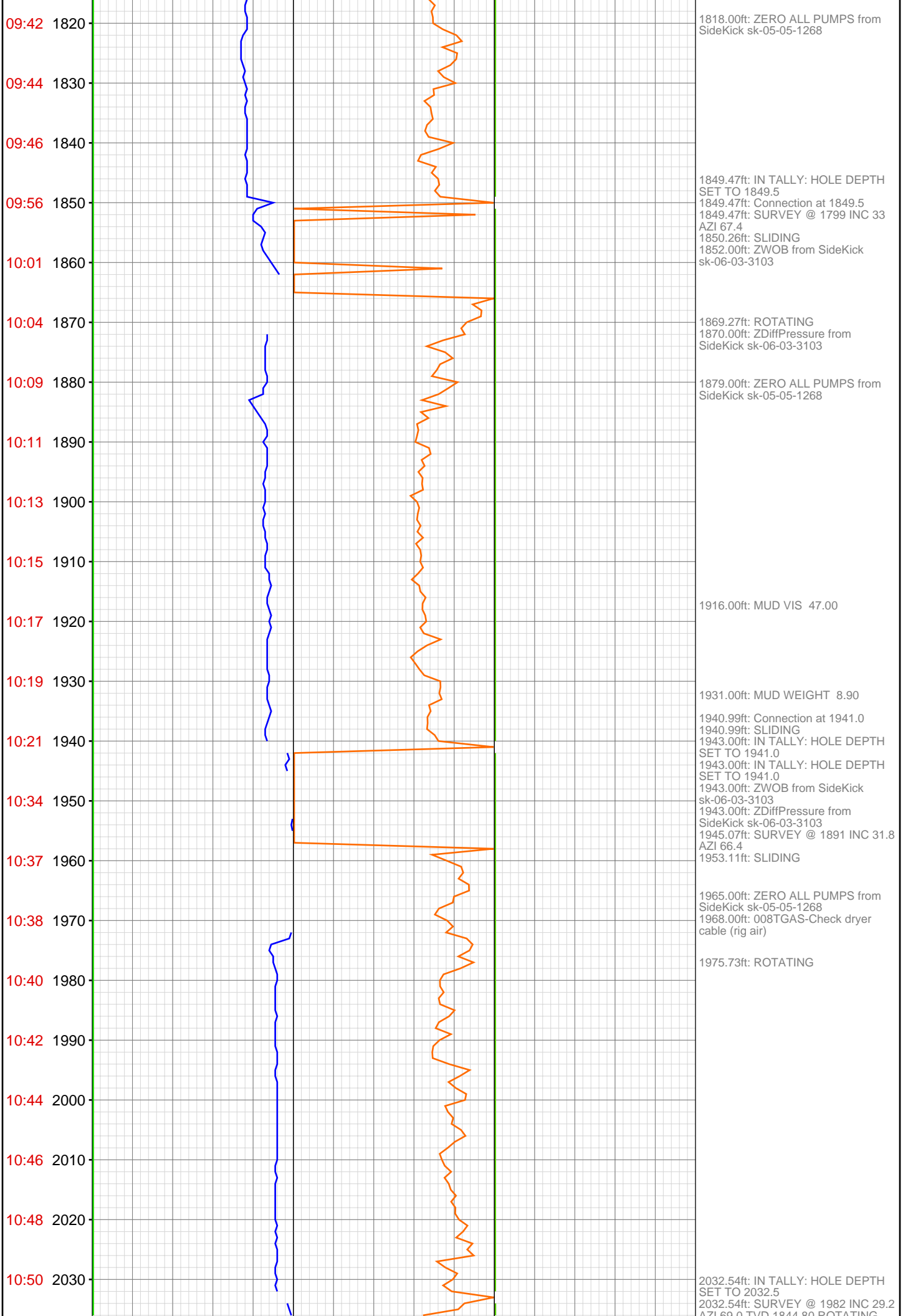


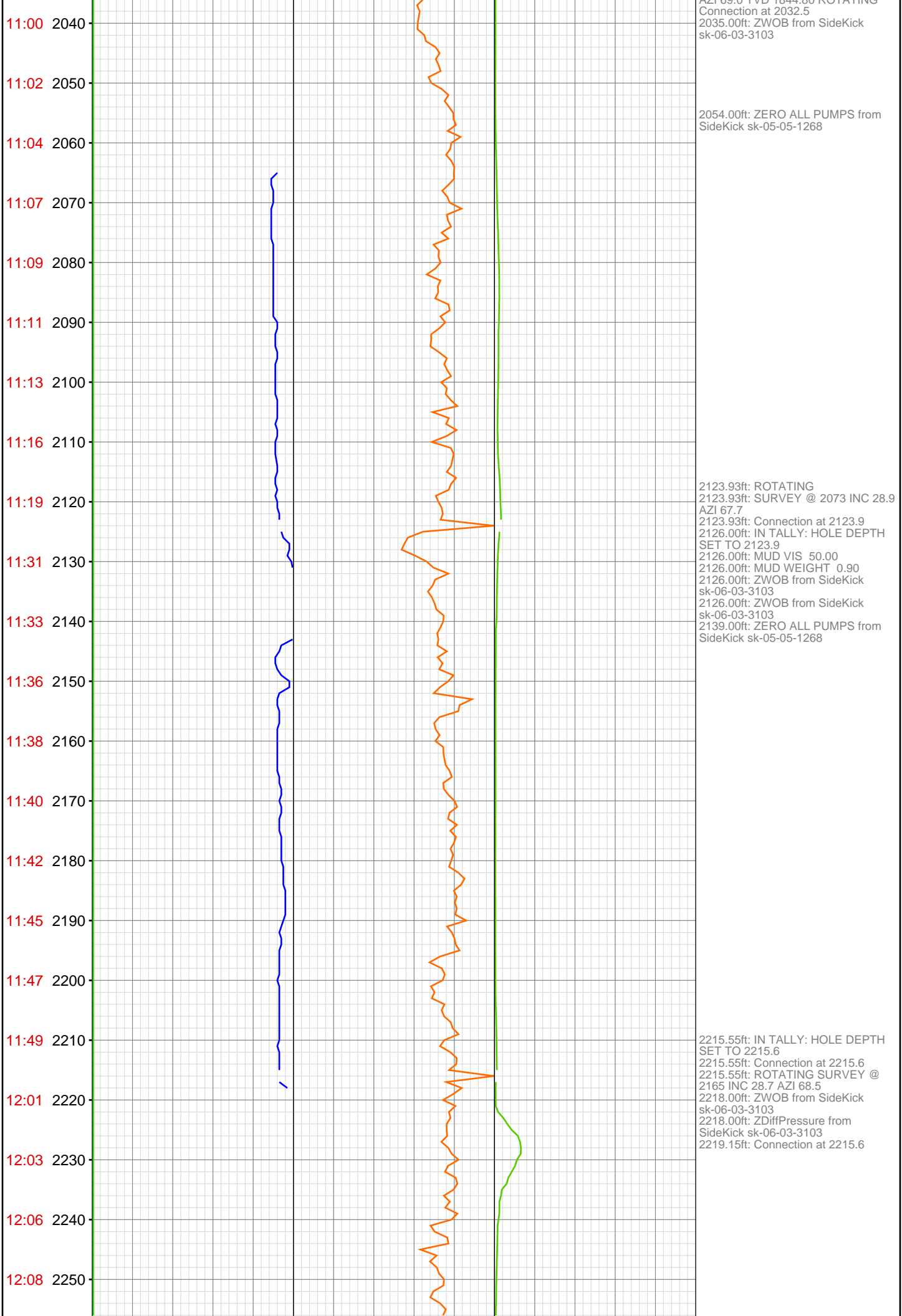


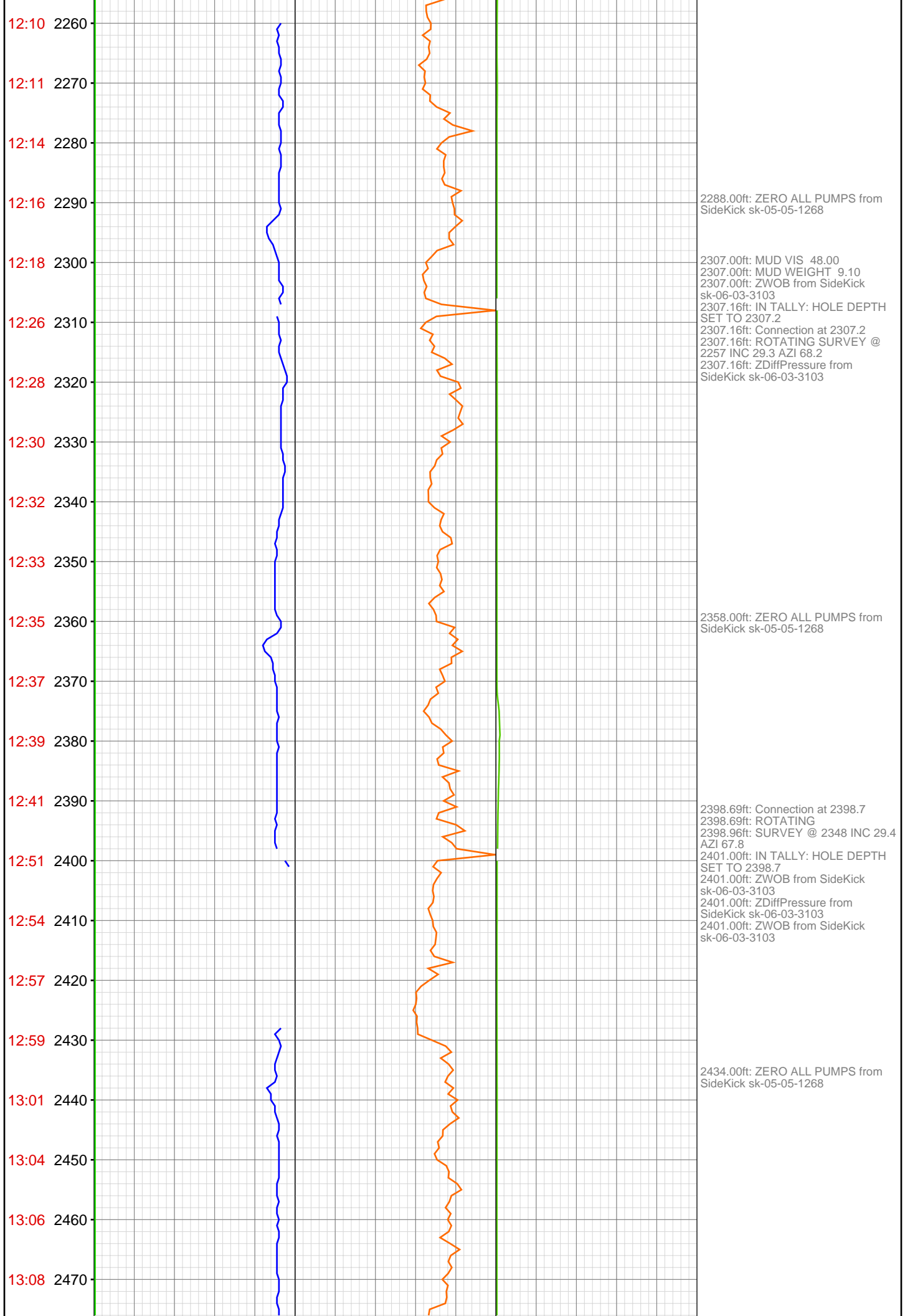


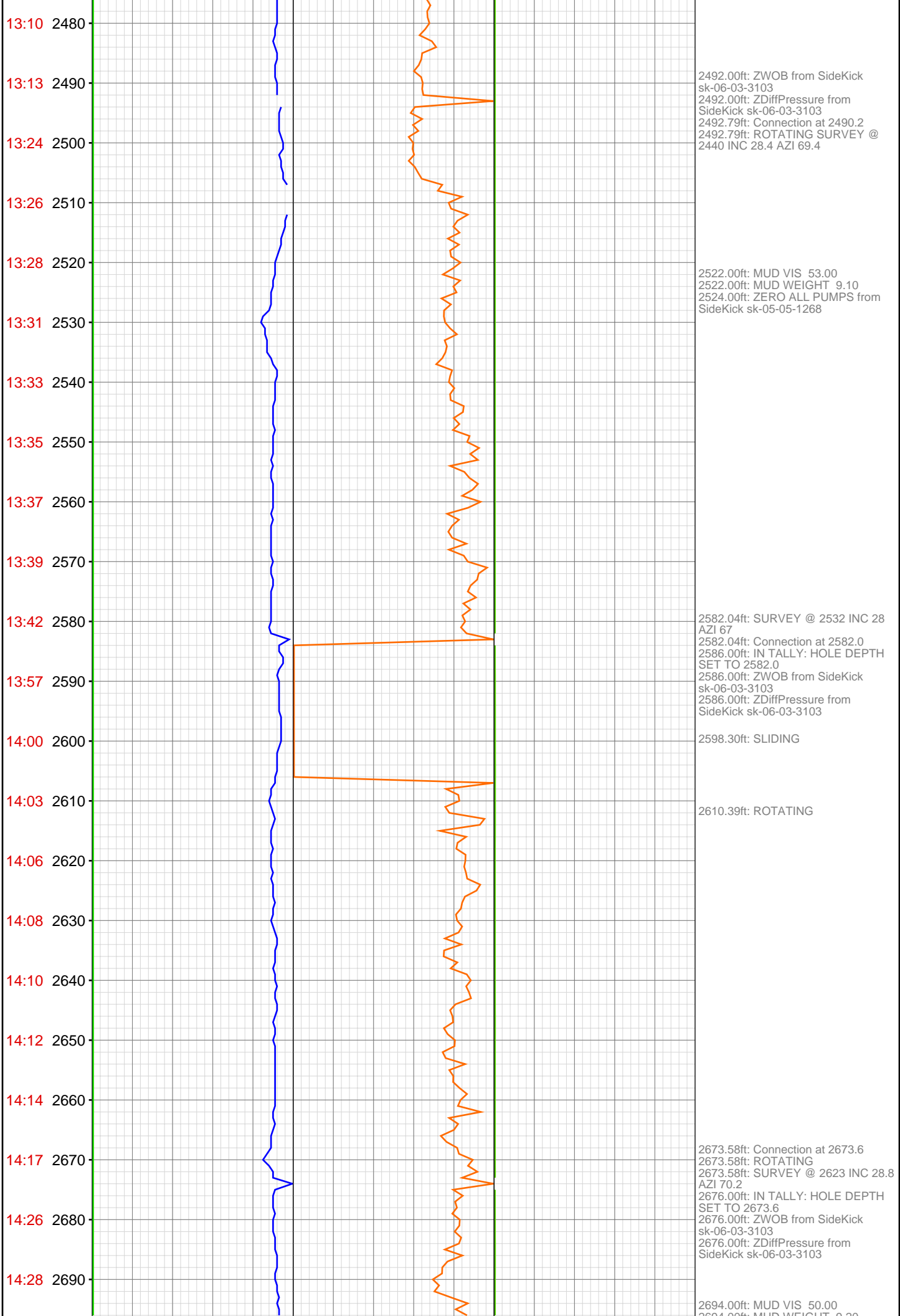


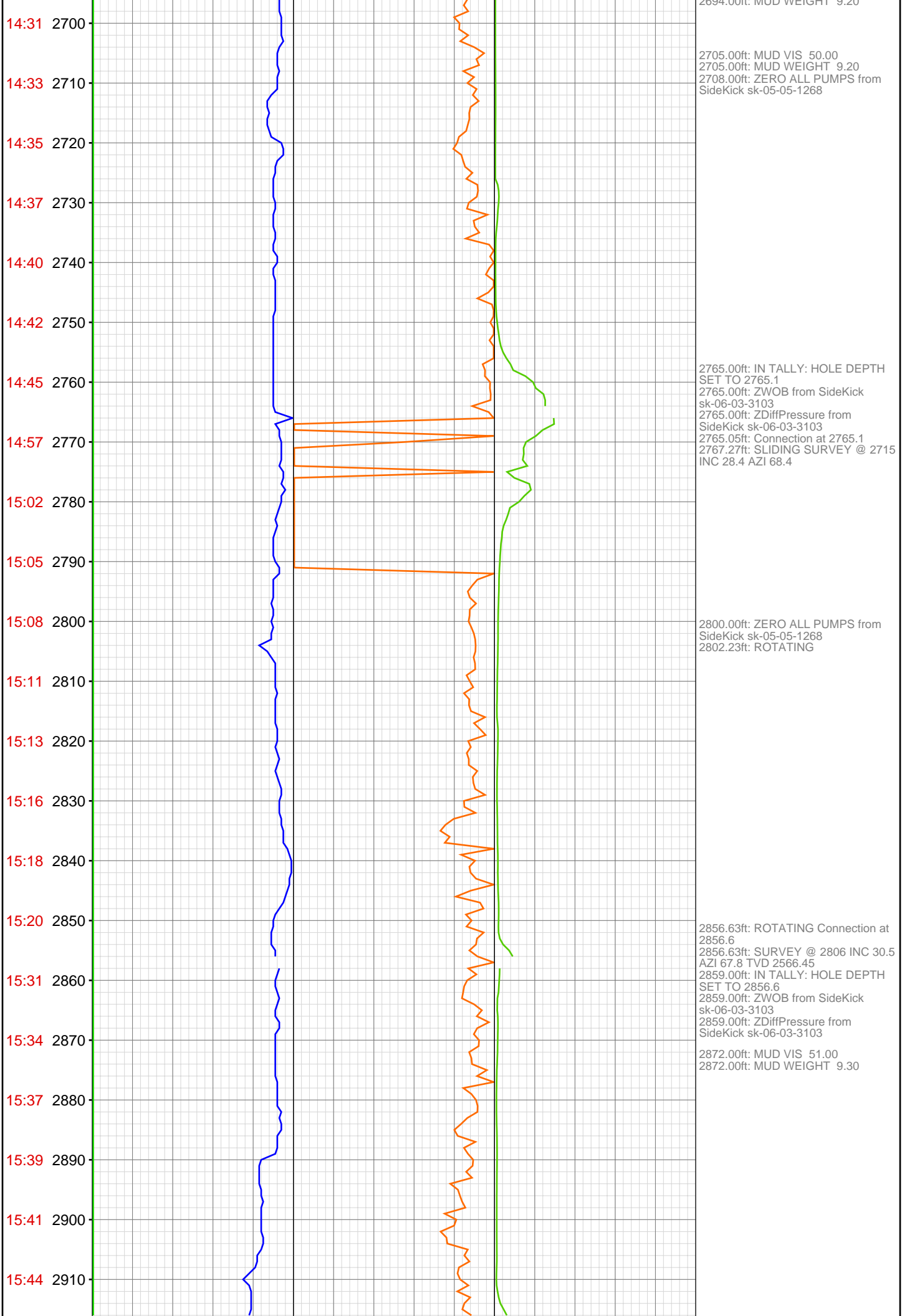




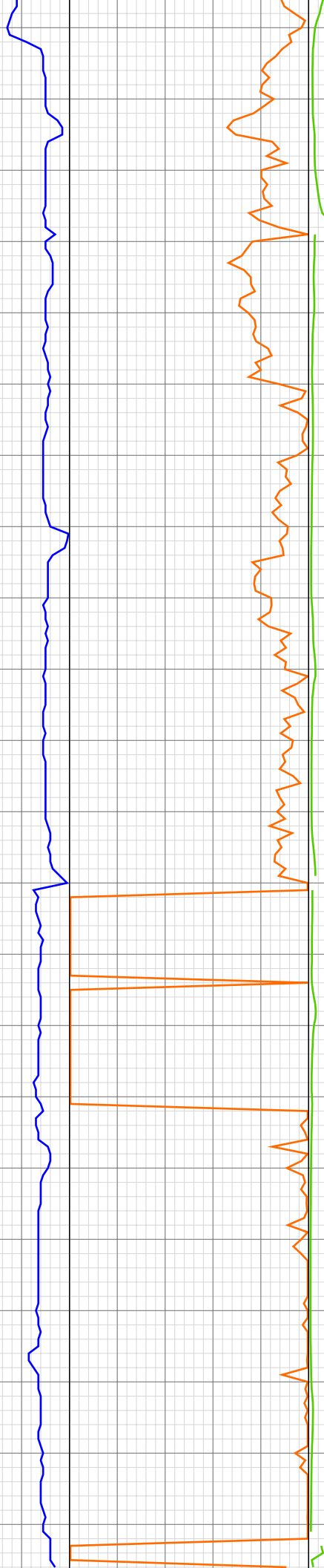








15:47 2920
15:50 2930
15:54 2940
16:04 2950
16:07 2960
16:11 2970
16:14 2980
16:16 2990
16:18 3000
16:20 3010
16:23 3020
16:25 3030
16:38 3040
16:41 3050
16:46 3060
16:49 3070
16:51 3080
16:53 3090
16:56 3100
16:58 3110
16:59 3120
17:02 3130



2948.00ft: IN TALLY: HOLE DEPTH
SET TO 2948.3
2948.00ft: ZWOB from SideKick
sk-06-03-3103
2948.00ft: ZDiffPressure from
SideKick sk-06-03-3103
2948.30ft: Connection at 2948.3
2948.30ft: ROTATING
2948.30ft: SURVEY @ 2898 INC 29.3
AZI 68.1

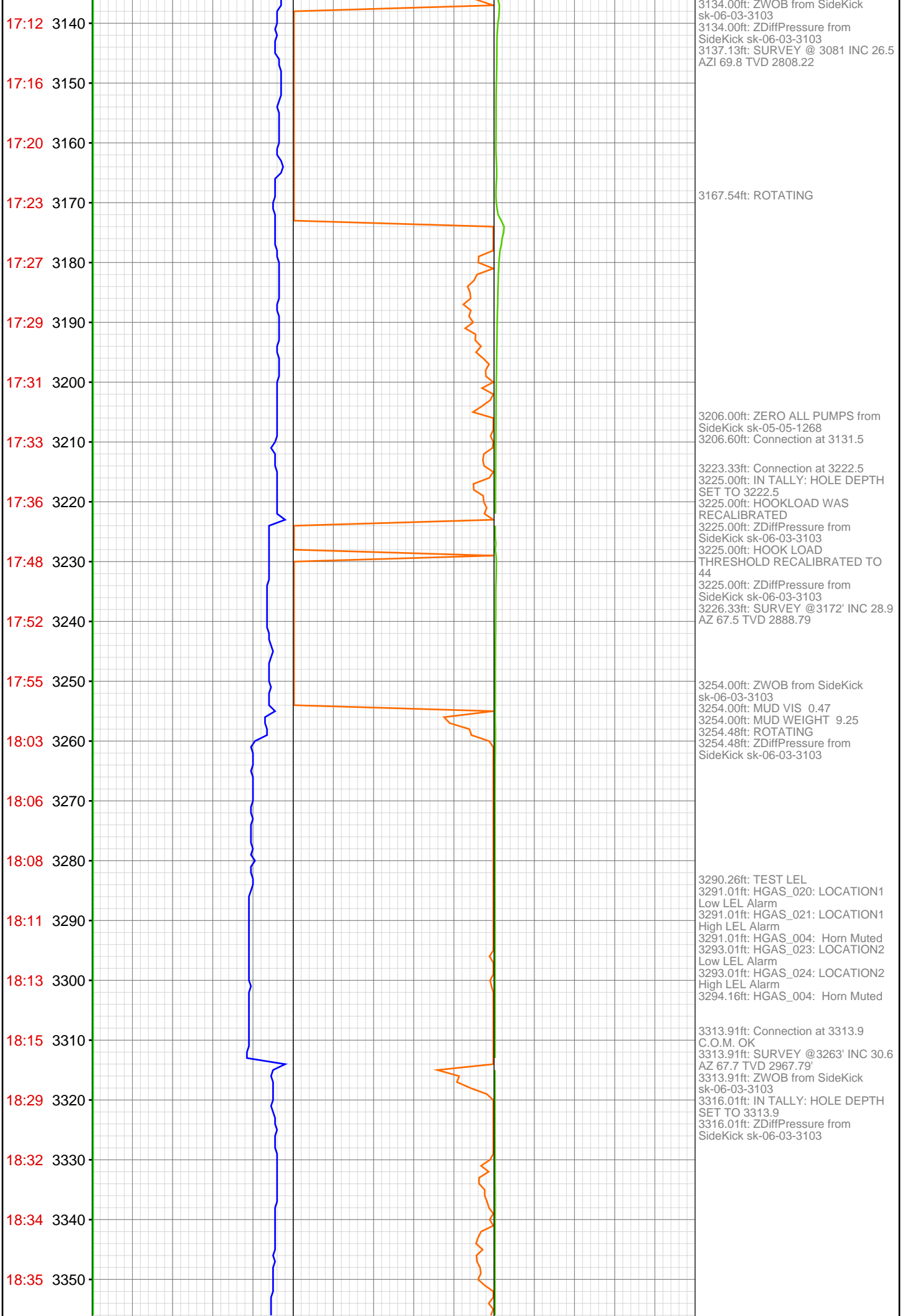
2962.00ft: ZERO ALL PUMPS from
SideKick sk-05-05-1268

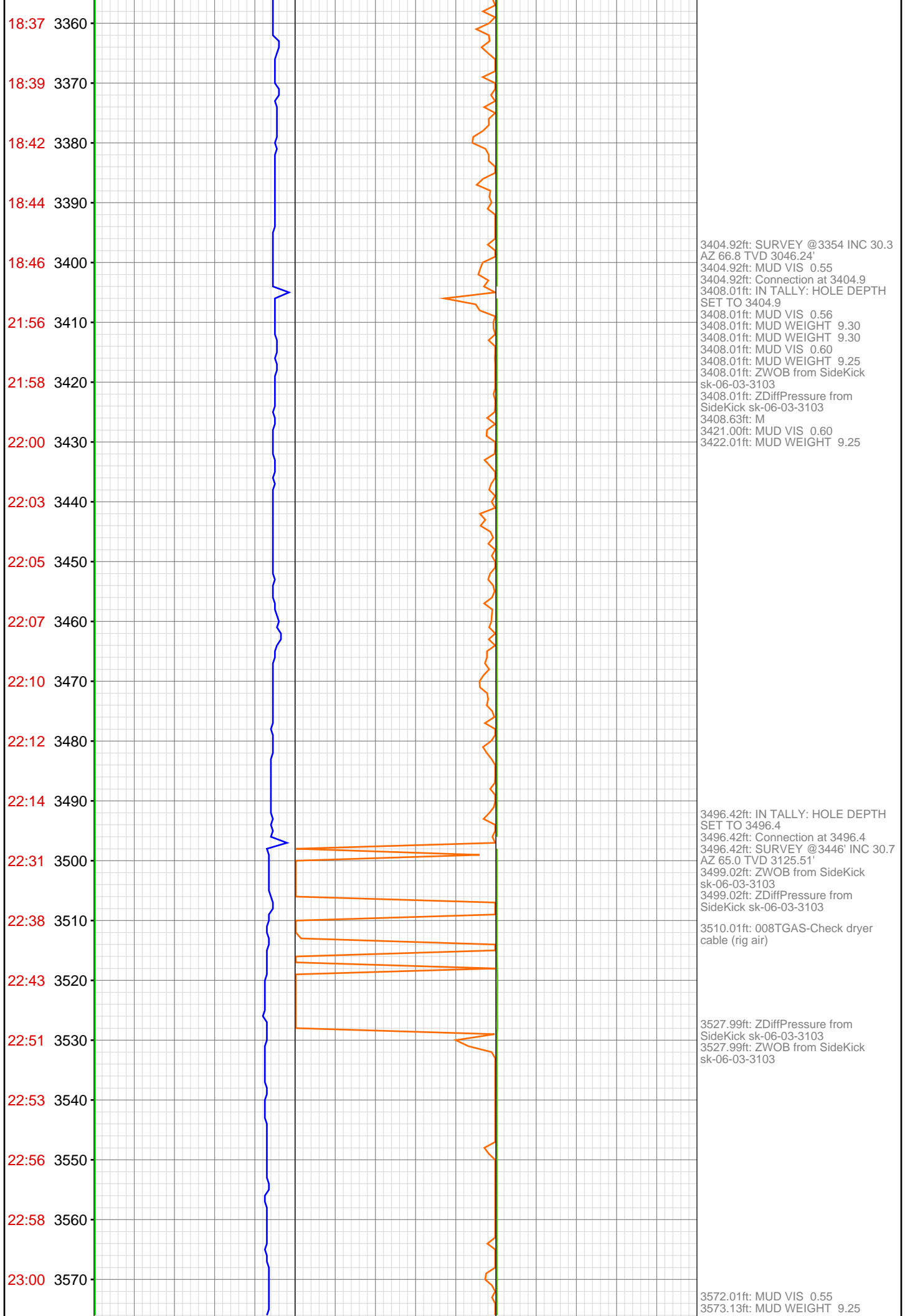
3039.94ft: Connection at 3039.9
3039.94ft: SLIDING
3041.00ft: 008TGAS-Check dryer
cable (rig air)
3041.08ft: 021TGAS 05121609
SW0.30 HW30.00 - 7 days on
3042.00ft: IN TALLY: HOLE DEPTH
SET TO 3039.9
3042.00ft: MUD VIS 50.00
3042.00ft: MUD WEIGHT 9.20
3042.00ft: ZDiffPressure from
SideKick sk-06-03-3103
3047.06ft: SURVEY @ 2989 INC 27.5
AZI 69.1 TVD 2726.25

3076.66ft: ROTATING

3102.00ft: ZERO ALL PUMPS from
SideKick sk-05-05-1268

3131.54ft: SLIDING
3134.00ft: IN TALLY: HOLE DEPTH
SET TO 3131.5





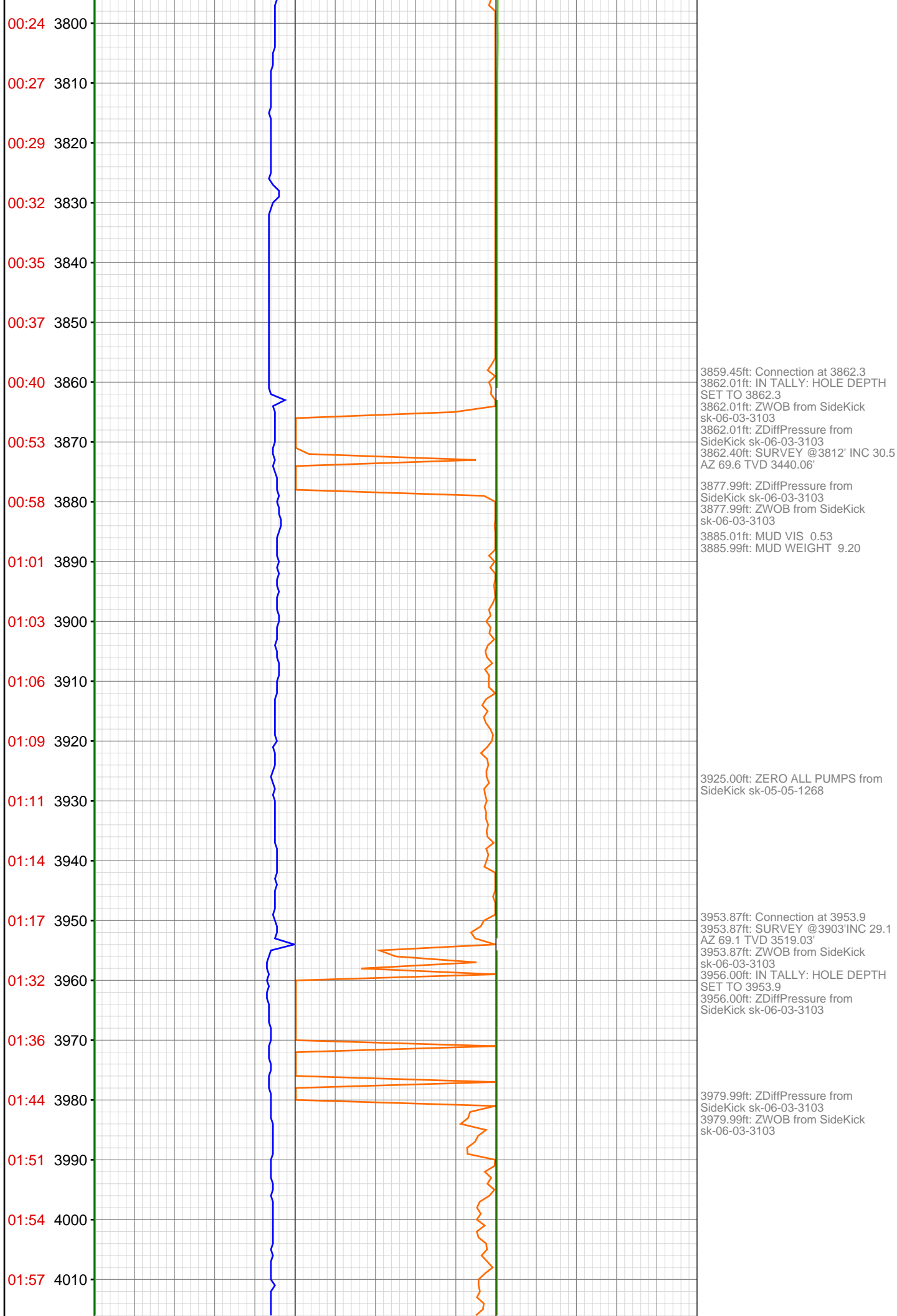
23:04 3580
23:15 3590
23:17 3600
23:20 3610
23:22 3620
23:25 3630
23:27 3640
23:29 3650
23:32 3660
23:34 3670
23:46 3680
23:48 3690
23:51 3700
23:53 3710
23:56 3720
23:58 3730
May 16, 2011
00:00 3740
00:02 3750
00:05 3760
00:07 3770
00:19 3780
00:22 3790

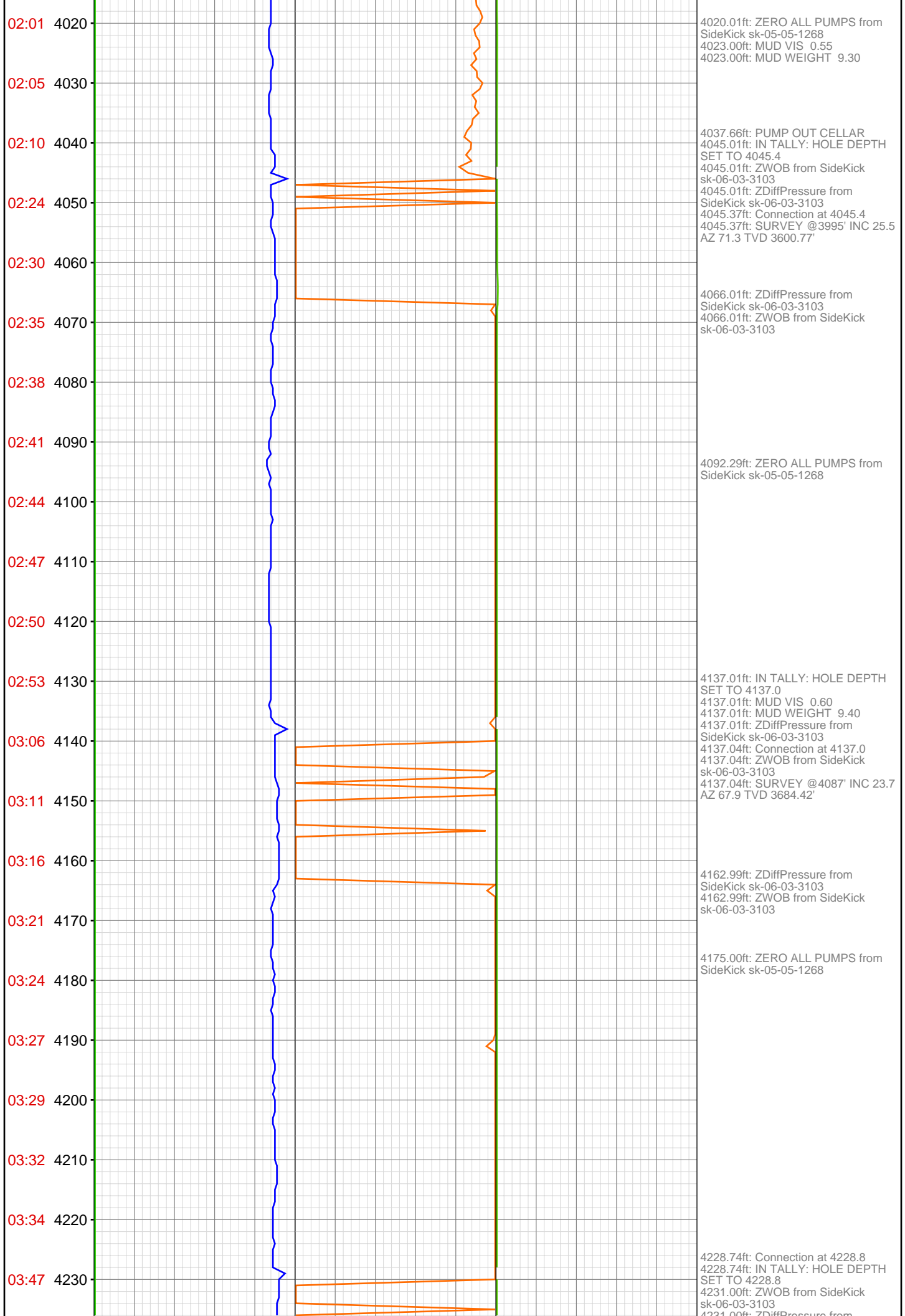


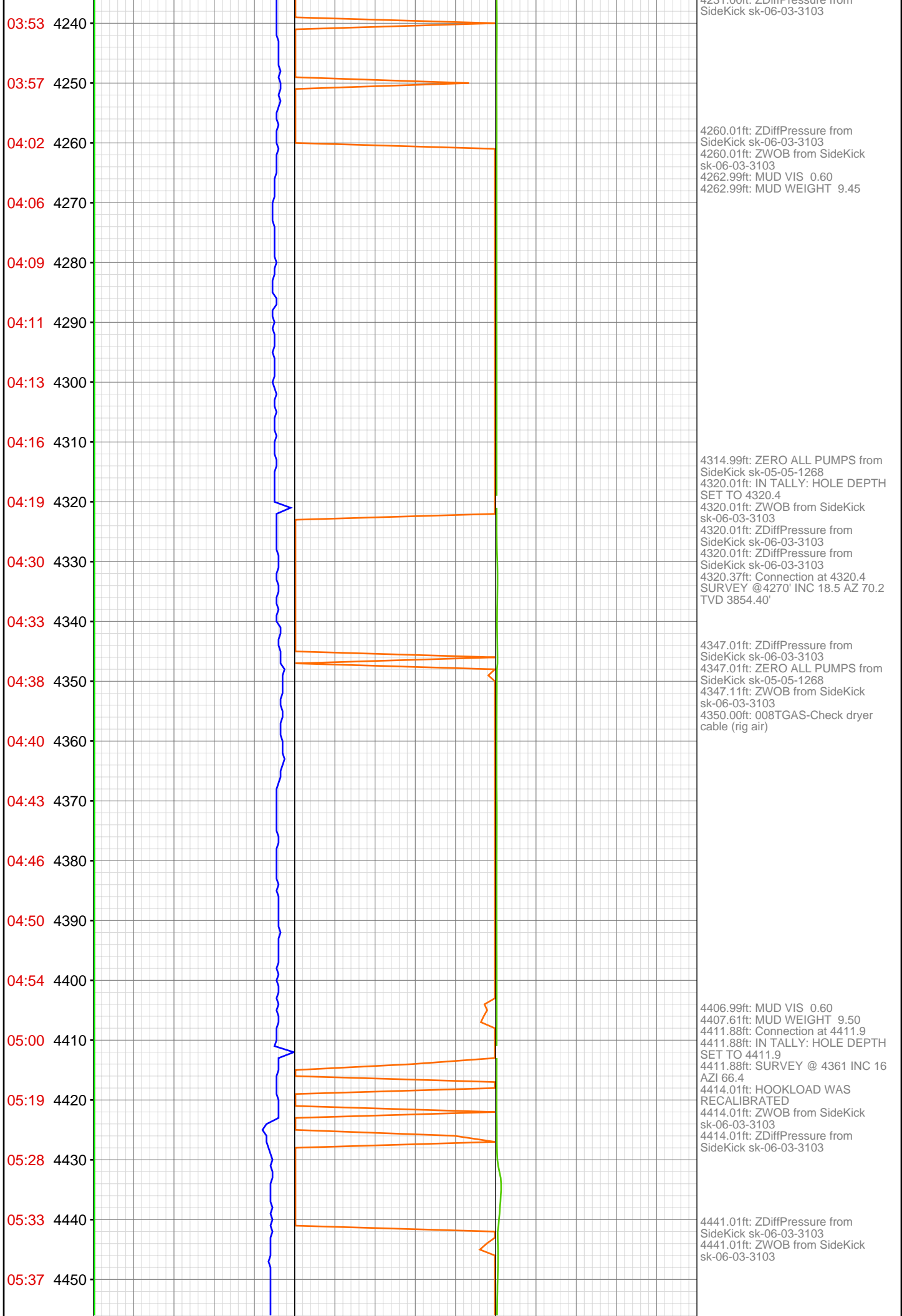
3587.86ft: Connection at 3587.8
3587.86ft: SURVEY @3537' INC 31.0
AZ 70.3 TVD 3203.65'
3587.86ft: ROT
3589.99ft: IN TALLY: HOLE DEPTH
SET TO 3587.9
3589.99ft: ZWOB from SideKick
sk-06-03-3103
3589.99ft: ZDiffPressure from
SideKick sk-06-03-3103

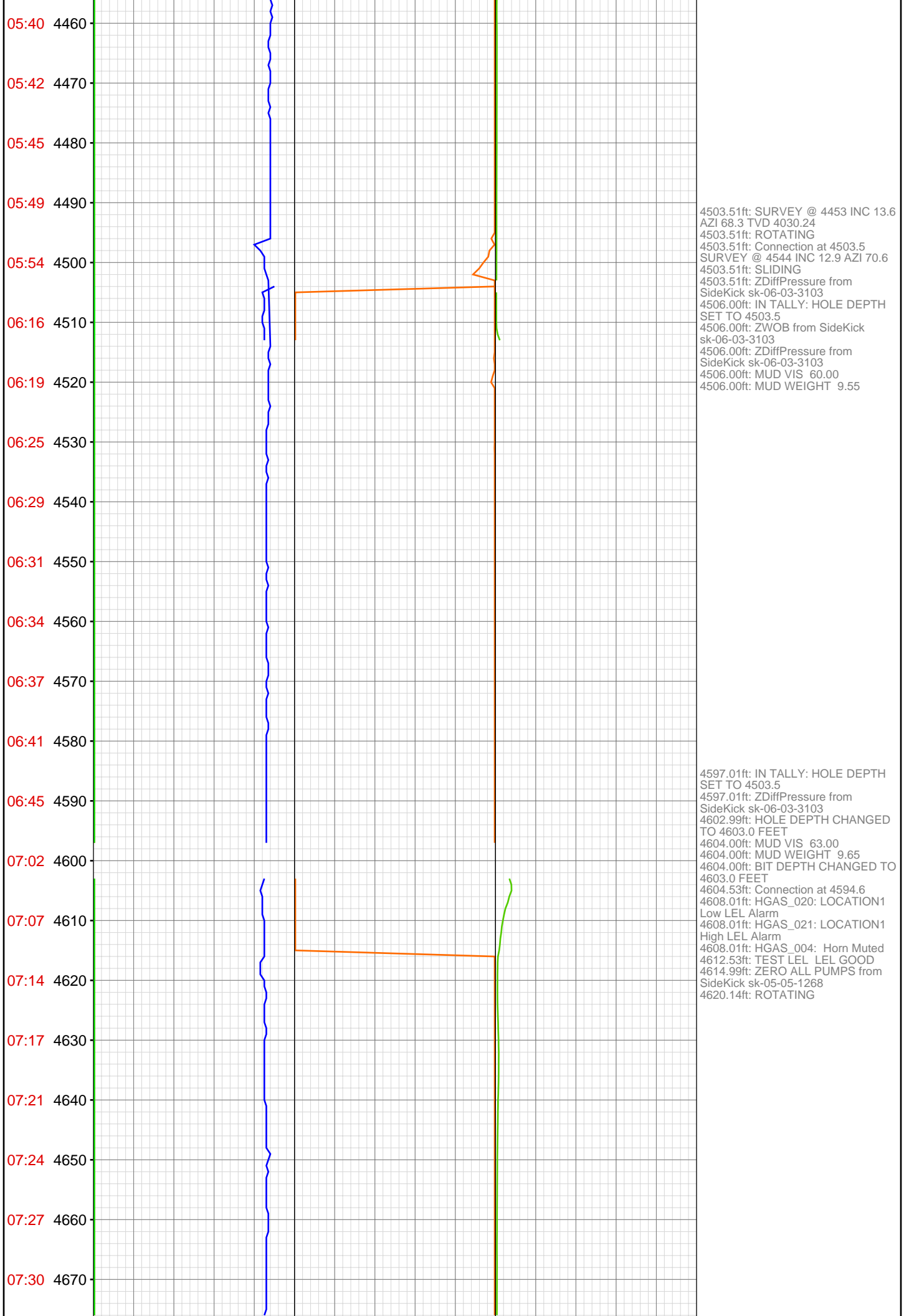
3679.00ft: IN TALLY: HOLE DEPTH
SET TO 3679.4
3679.00ft: ZWOB from SideKick
sk-06-03-3103
3679.00ft: ZDiffPressure from
SideKick sk-06-03-3103
3679.43ft: Connection at 3679.4
3679.43ft: SURVEY @3629' INC 31.2
AZ 69.8 TVD 3282.43'
3679.43ft: ROT

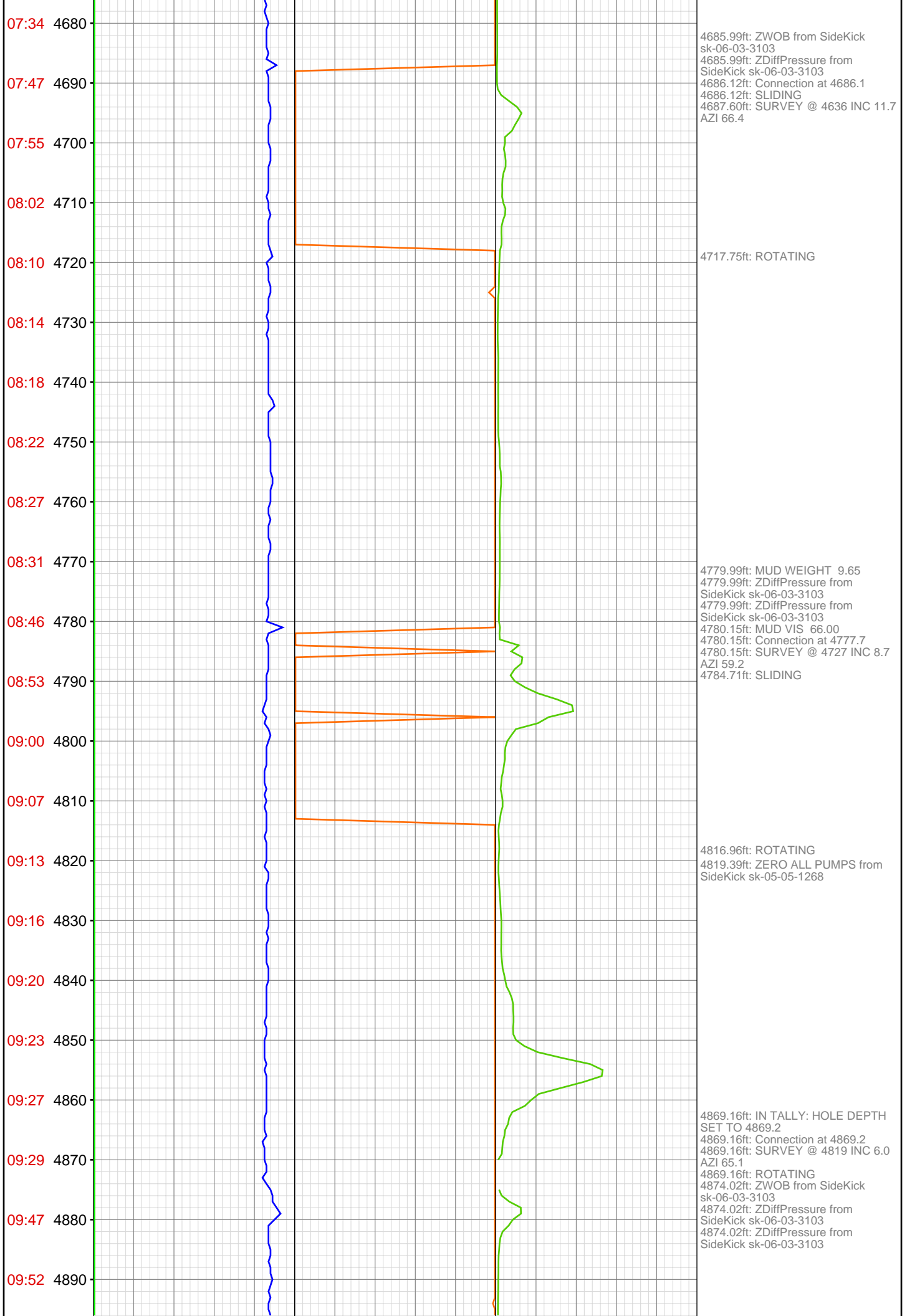
3770.87ft: Connection at 3770.9
3770.87ft: SURVEY @3720' INC 30.2
AZ 71.1 TVD 3360.67'
3770.87ft: ROT
3773.00ft: IN TALLY: HOLE DEPTH
SET TO 3770.9
3773.00ft: MUD VIS 0.52
3773.00ft: MUD WEIGHT 9.20
3773.00ft: ZWOB from SideKick
sk-06-03-3103
3773.00ft: ZDiffPressure from
SideKick sk-06-03-3103
3785.63ft: PUMP SWEEP
3787.99ft: ZERO ALL PUMPS from
SideKick sk-05-05-1268











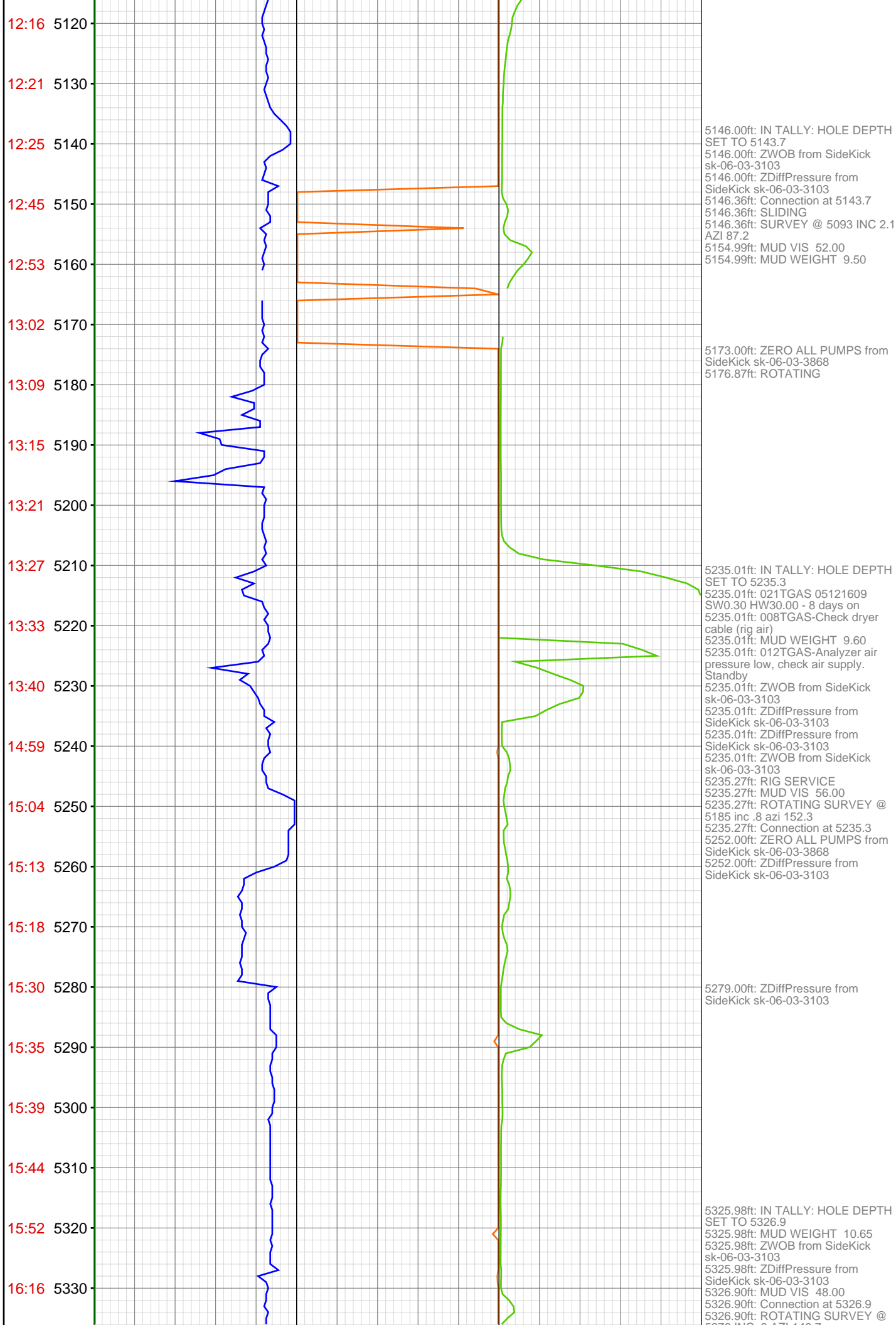
09:56 4900
10:01 4910
10:04 4920
10:08 4930
10:12 4940
10:17 4950
10:22 4960
10:46 4970
10:59 4980
11:10 4990
11:17 5000
11:21 5010
11:25 5020
11:29 5030
11:32 5040
11:35 5050
11:51 5060
11:58 5070
12:01 5080
12:05 5090
12:09 5100
12:13 5110

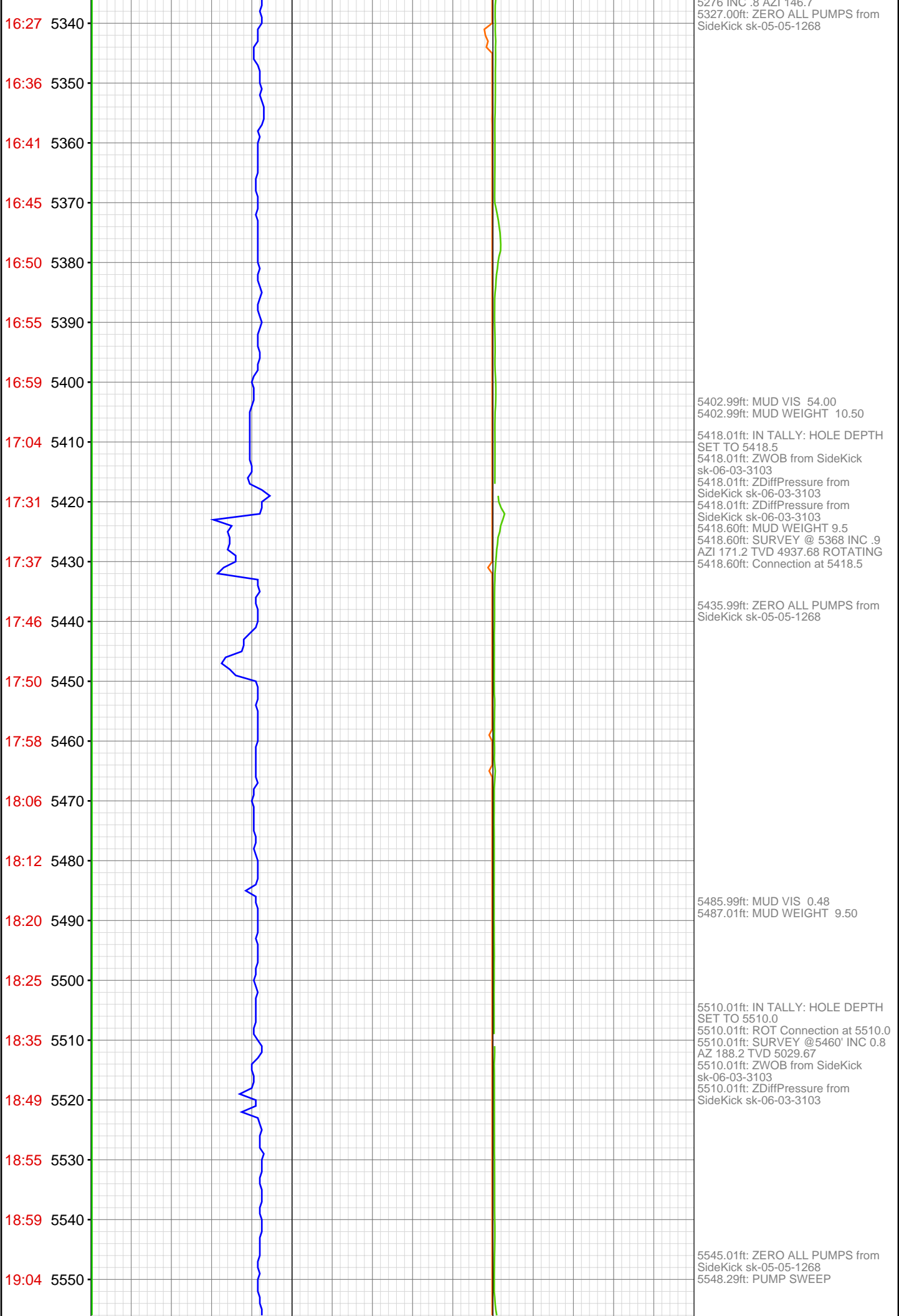
4904.99ft: MUD WEIGHT 9.60
4905.35ft: MUD VIS 54.00

4960.66ft: Connection at 4960.7
SLIDING
4960.66ft: SURVEY @ 4910 INC 5.6
AZI 63.4
4962.99ft: IN TALLY: HOLE DEPTH
SET TO 4960.7
4962.99ft: ZDiffPressure from
SideKick sk-06-03-3103
4964.01ft: 008TGAS-Check dryer
cable (rig air)
4975.98ft: MUD WEIGHT 9.60
4975.98ft: MUD VIS 51.00

5000.95ft: ROTATING

5052.00ft: IN TALLY: HOLE DEPTH
SET TO 5052.1
5052.00ft: ZWOB from SideKick
sk-06-03-3103
5052.00ft: ZDiffPressure from
SideKick sk-06-03-3103
5052.00ft: ZDiffPressure from
SideKick sk-06-03-3103
5052.13ft: ROTATING Connection at
5052.1
5052.13ft: SURVEY @ 5002 INC 2.5
AZI 81.1 TVD 4571.80
5061.65ft: ZERO ALL PUMPS from
SideKick sk-05-05-1268
5062.99ft: MUD WEIGHT 9.50
5062.99ft: MUD VIS 50.00





19:09 5560
19:12 5570
19:17 5580
19:25 5590
19:31 5600
19:46 5610
19:54 5620
20:02 5630
20:11 5640
20:19 5650
20:25 5660
20:31 5670
20:37 5680
20:42 5690
20:57 5700
21:05 5710
21:10 5720
21:17 5730
21:23 5740
21:29 5750
21:38 5760
21:46 5770

5573.00ft: MUD VIS 0.50
5574.02ft: MUD WEIGHT 9.60

5601.61ft: C.O.M. OK
5601.80ft: SURVEY @5551' INC 1.3
AZ 203.7 TVD 5120.65'
5603.38ft: Connection at 5601.6
5604.00ft: IN TALLY: HOLE DEPTH
SET TO 5601.6
5604.00ft: ZWOB from SideKick
sk-06-03-3103
5604.00ft: ZDiffPressure from
SideKick sk-06-03-3103

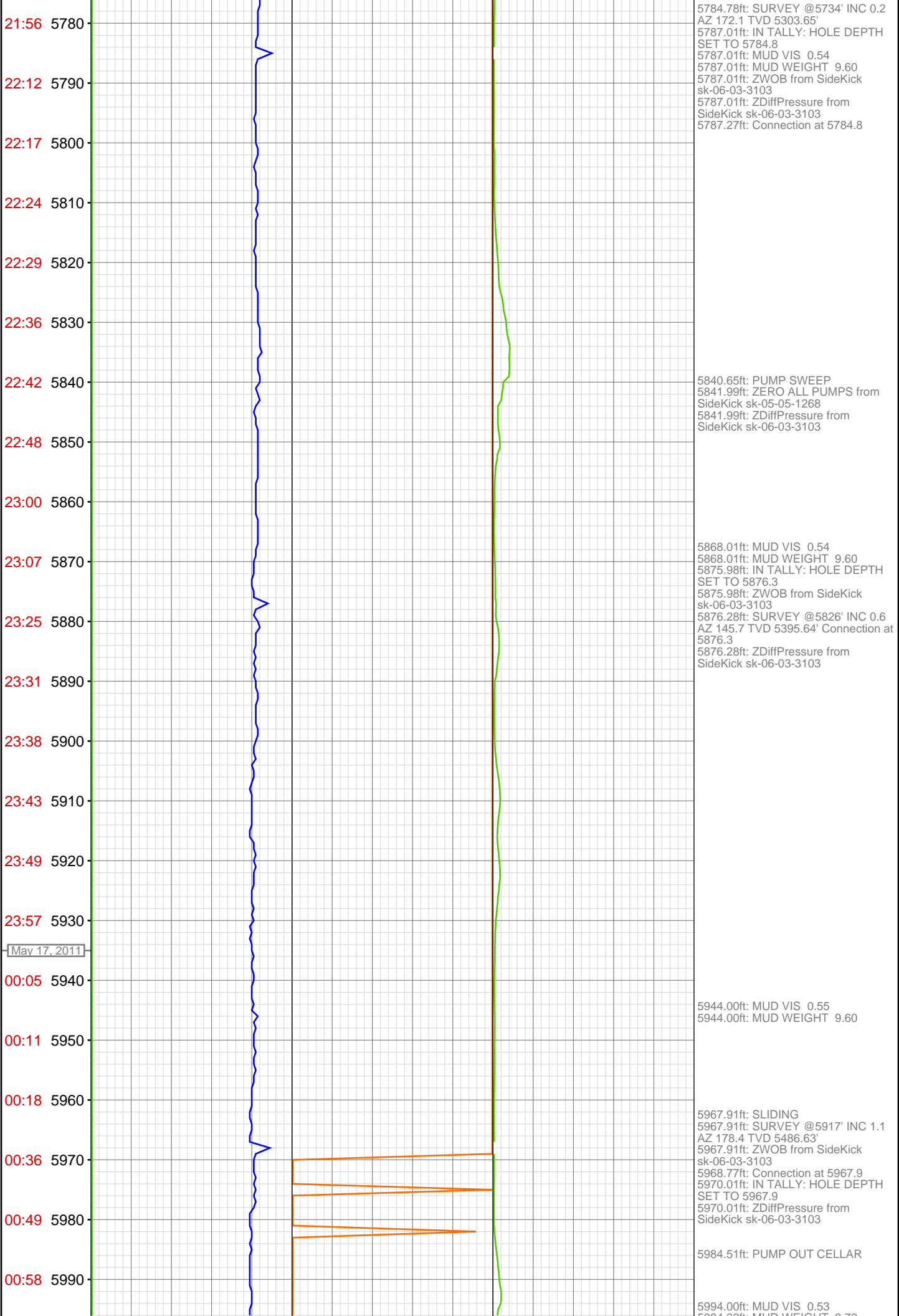
5620.83ft: 008TGAS-Check dryer
cable (rig air)

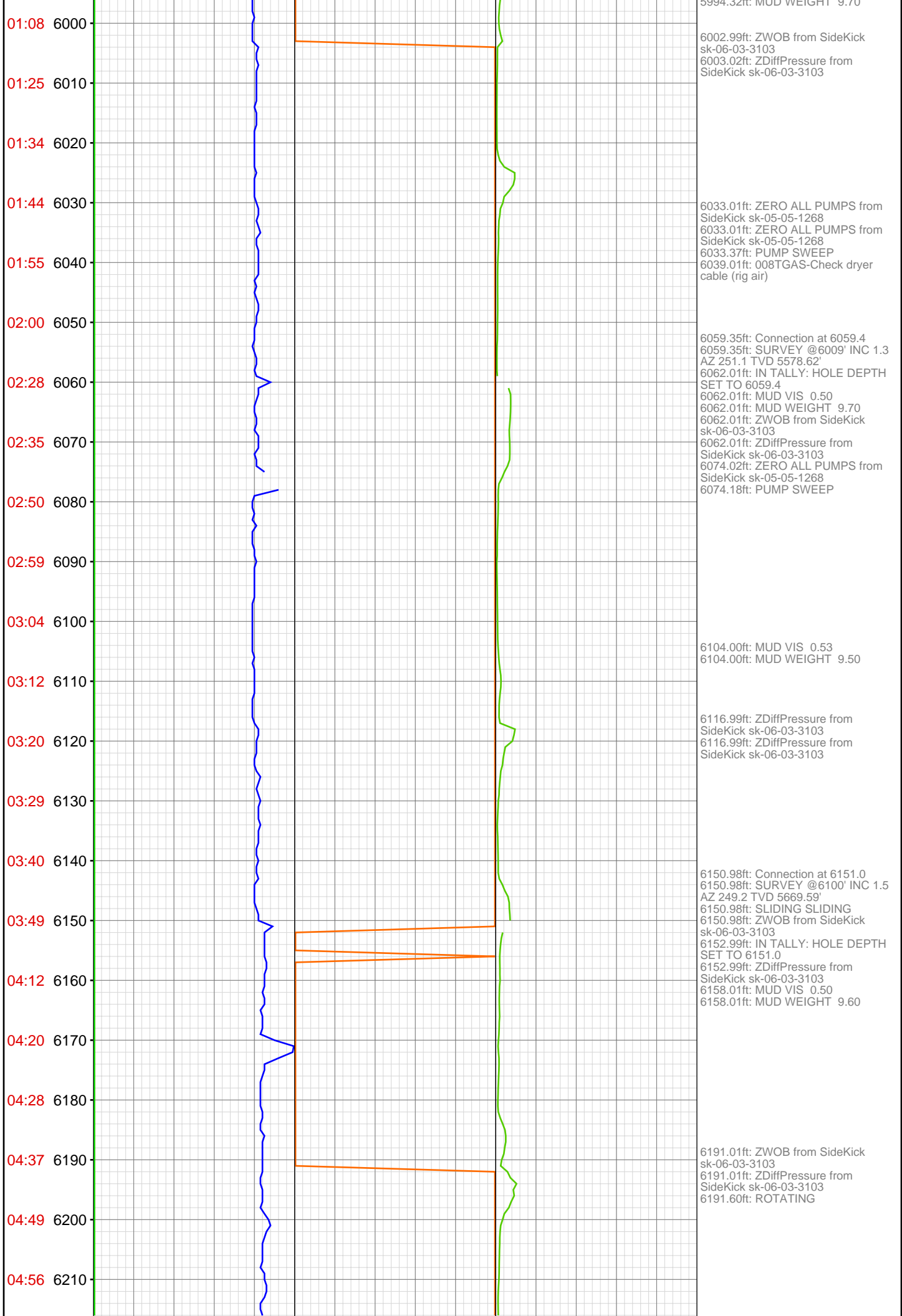
5629.99ft: ZDiffPressure from
SideKick sk-06-03-3103
5629.99ft: ZWOB from SideKick
sk-06-03-3103
5635.01ft: MUD VIS 0.55
5635.76ft: MUD WEIGHT 9.70
5640.09ft: PUMP SWEEP
5641.14ft: ZERO ALL PUMPS from
SideKick sk-05-05-1268

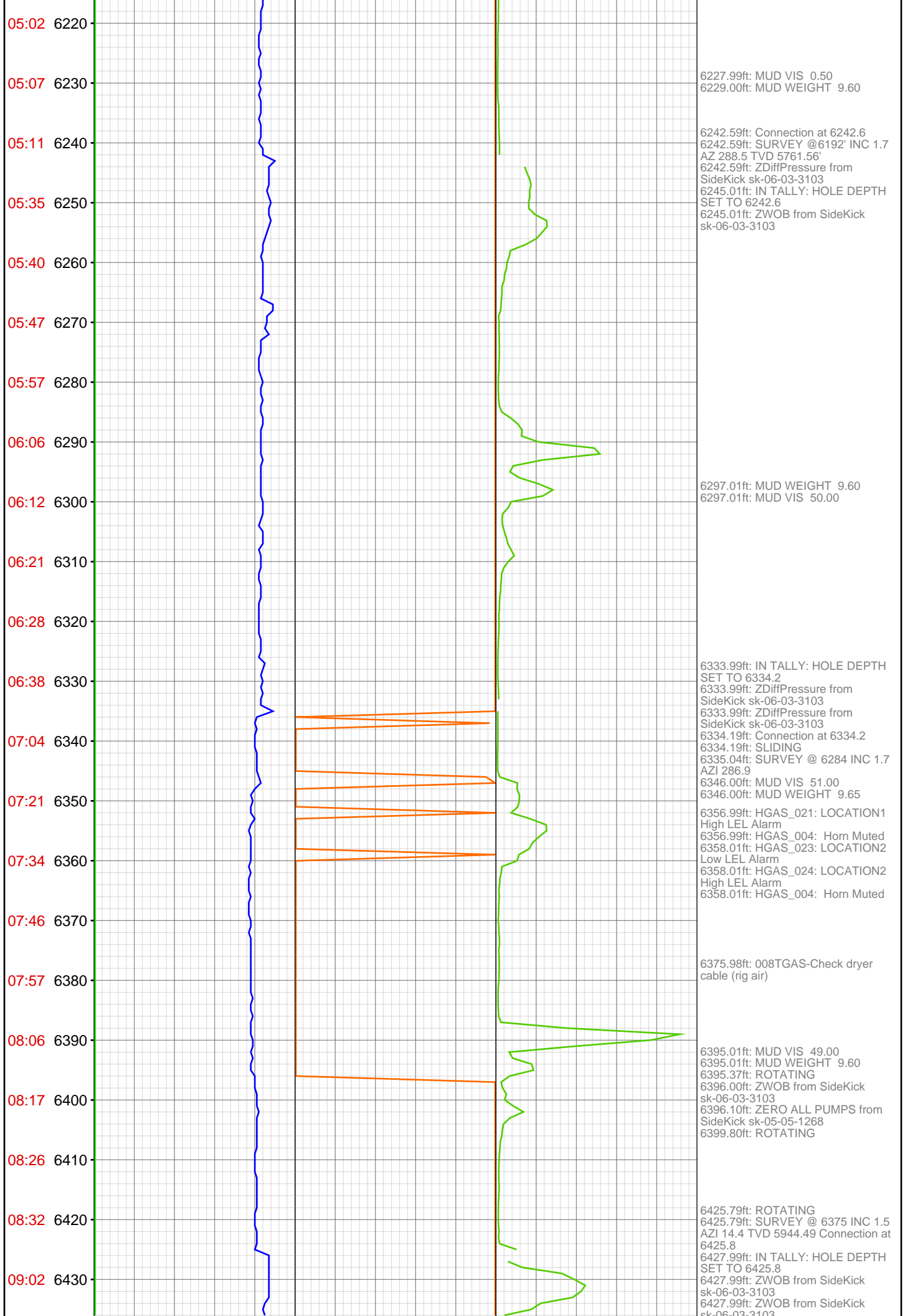
5693.01ft: IN TALLY: HOLE DEPTH
SET TO 5693.3
5693.01ft: ZWOB from SideKick
sk-06-03-3103
5693.01ft: ZDiffPressure from
SideKick sk-06-03-3103
5693.27ft: SURVEY @5643' INC 0.1
AZ 206.5 TVD 5212.65'
5694.91ft: Connection at 5693.3

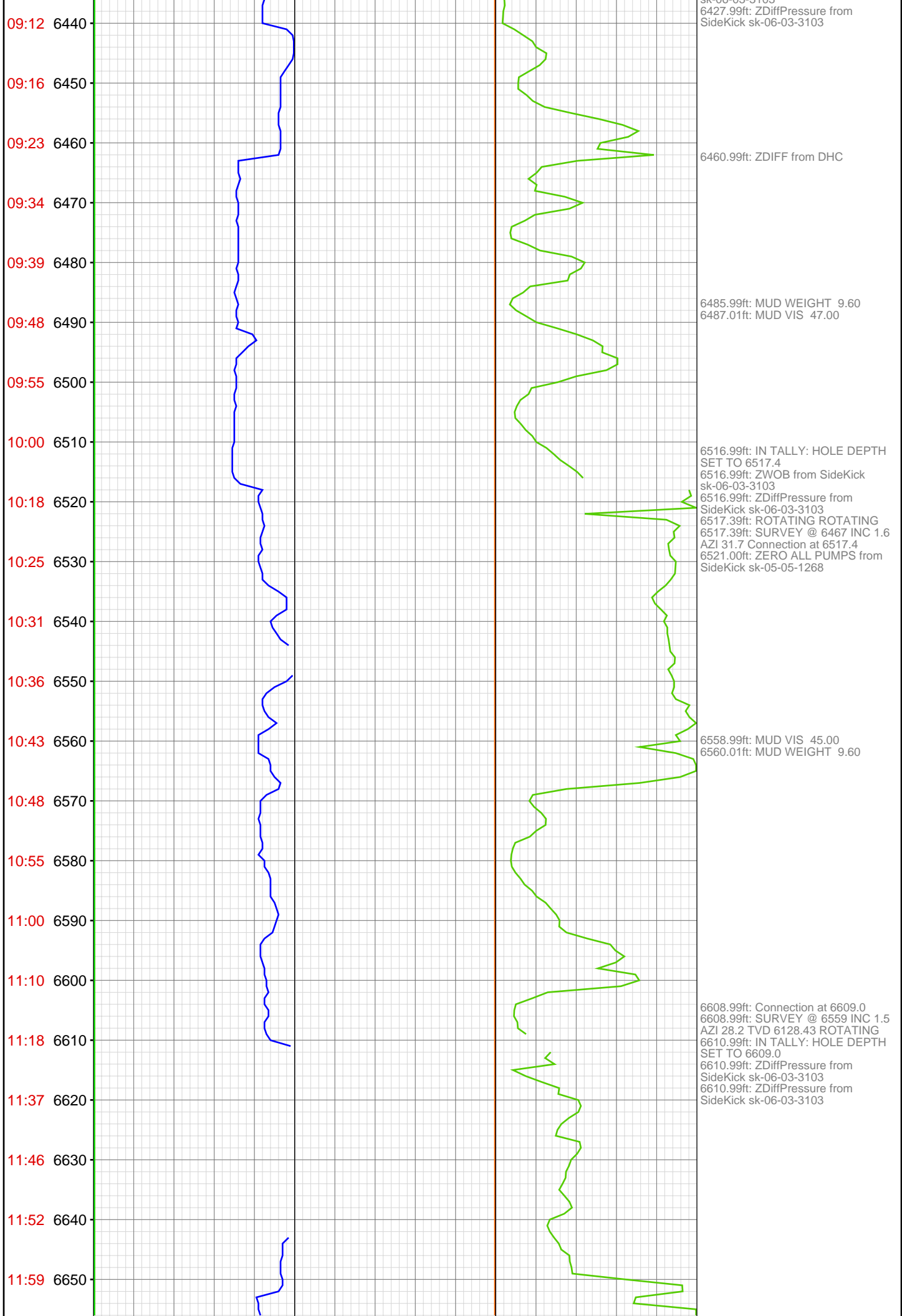
5708.99ft: MUD VIS 0.53
5710.01ft: MUD WEIGHT 9.65

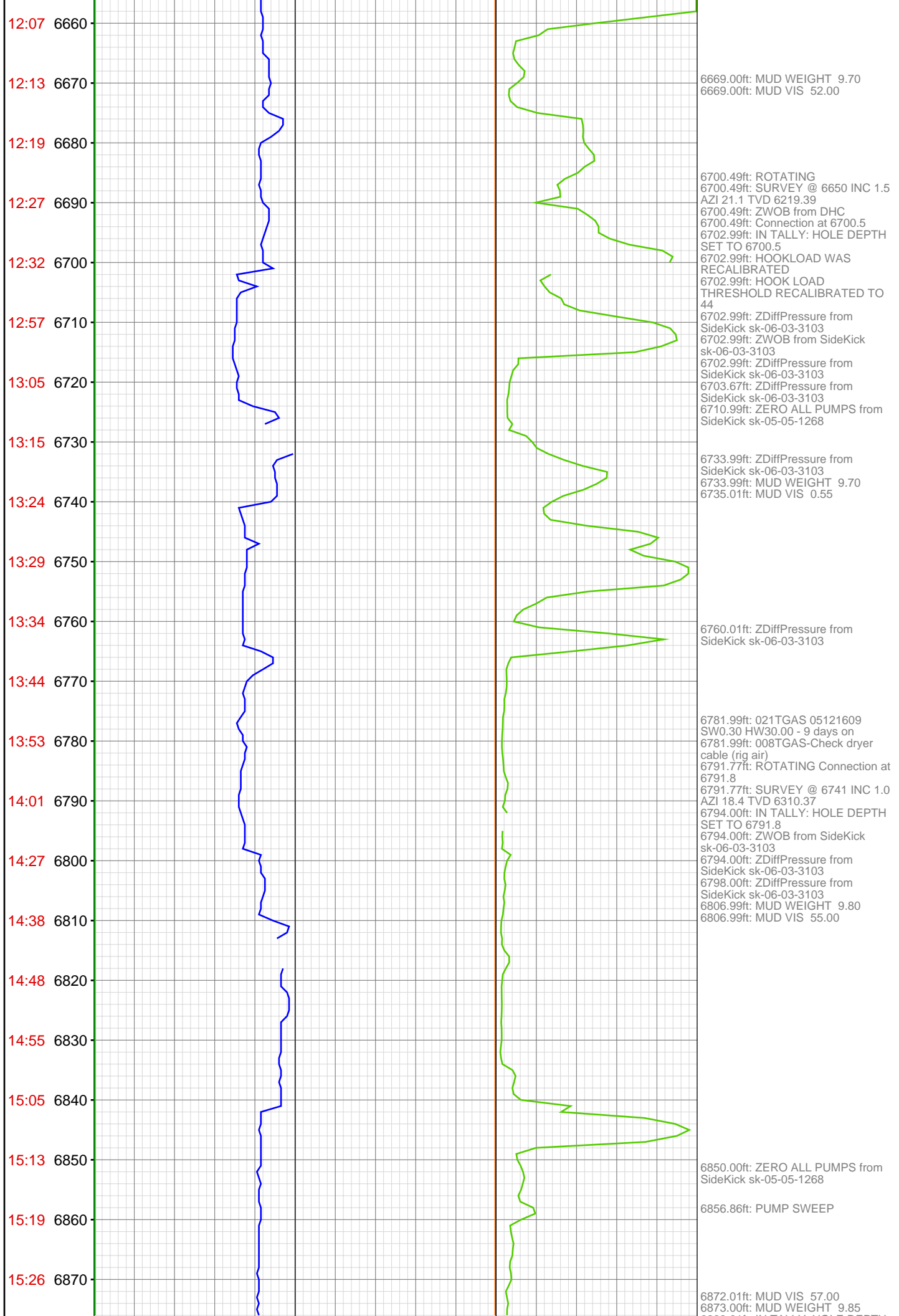
5754.72ft: PUMP SWEEP
5756.00ft: ZERO ALL PUMPS from
SideKick sk-05-05-1268

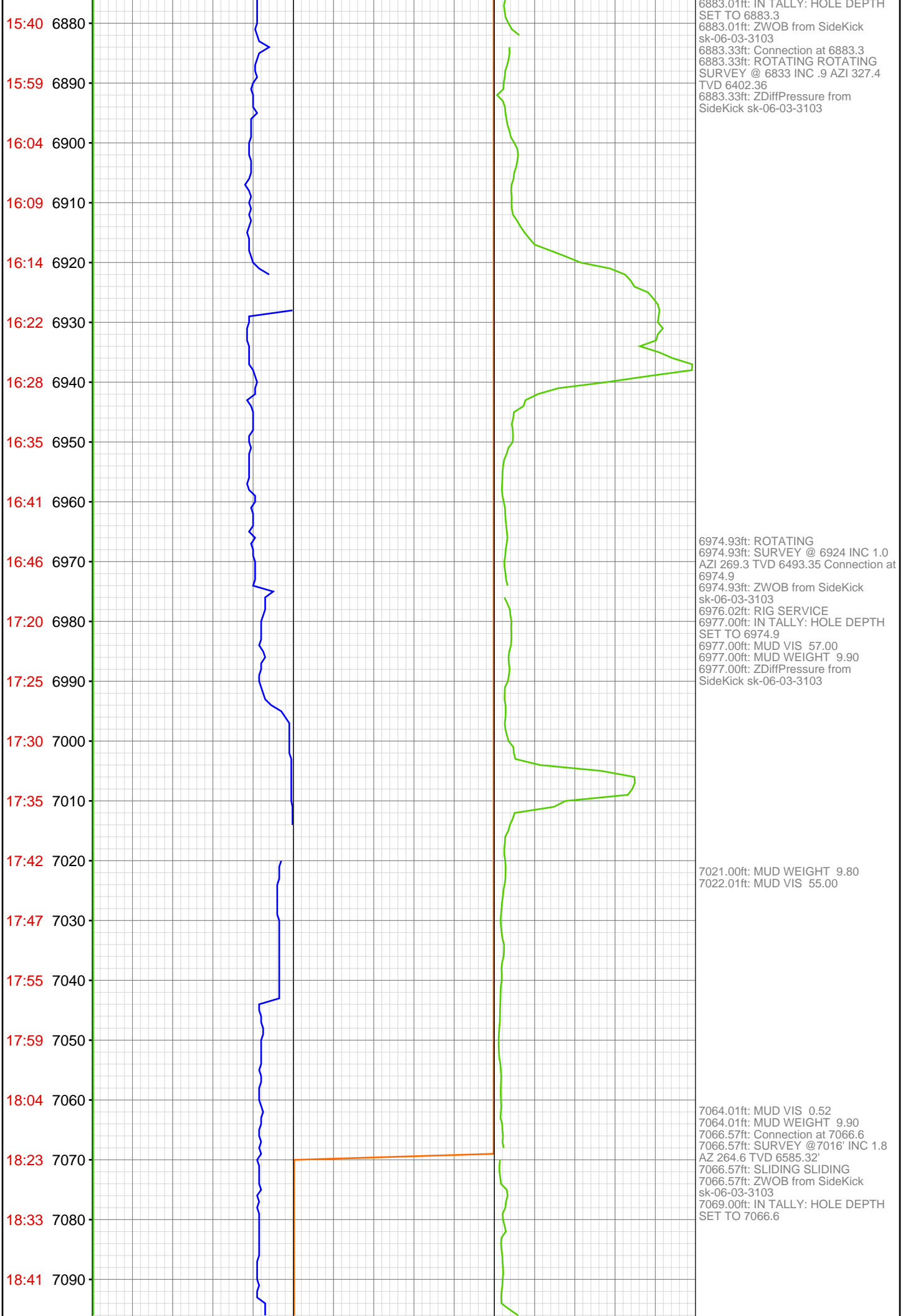


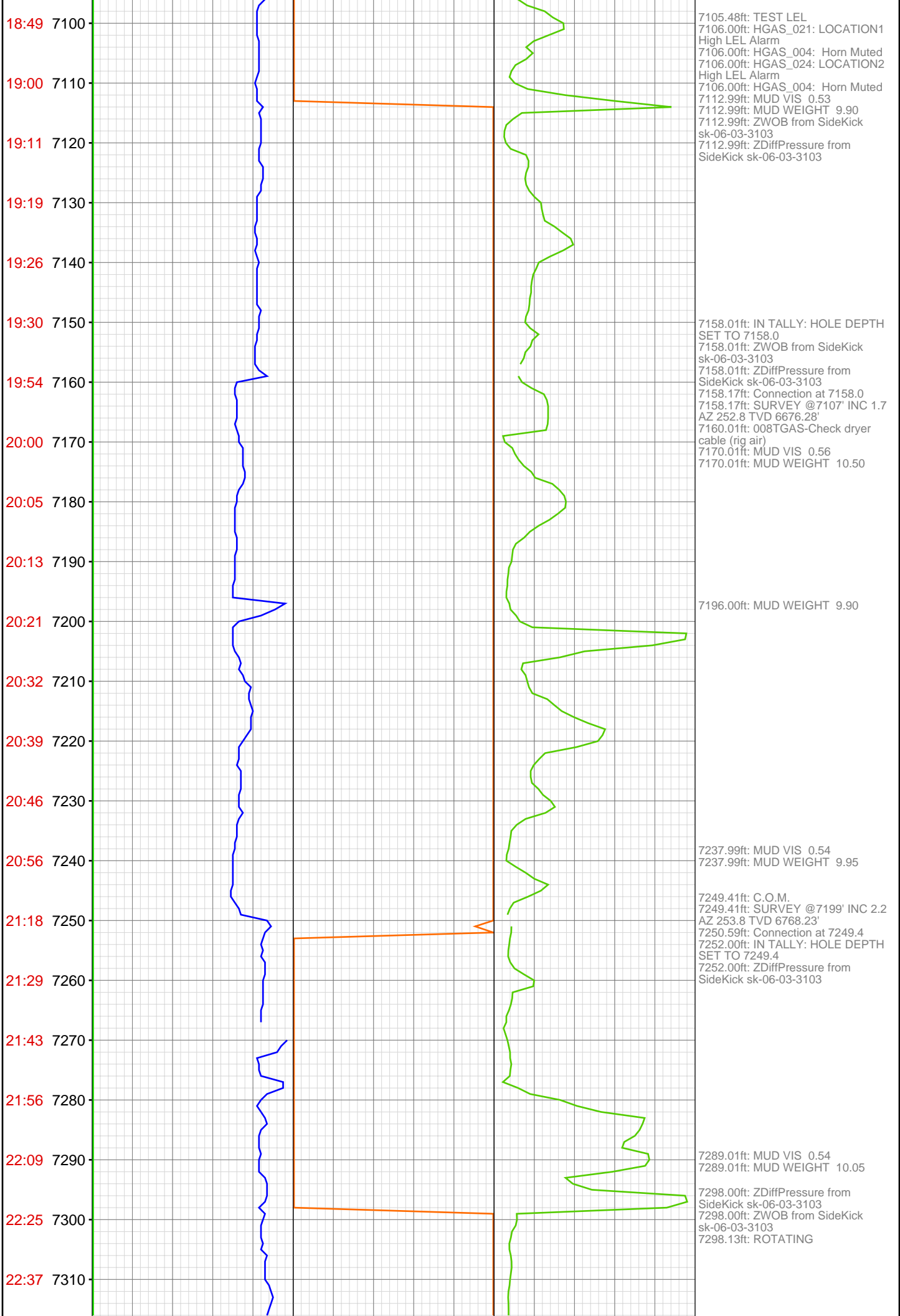


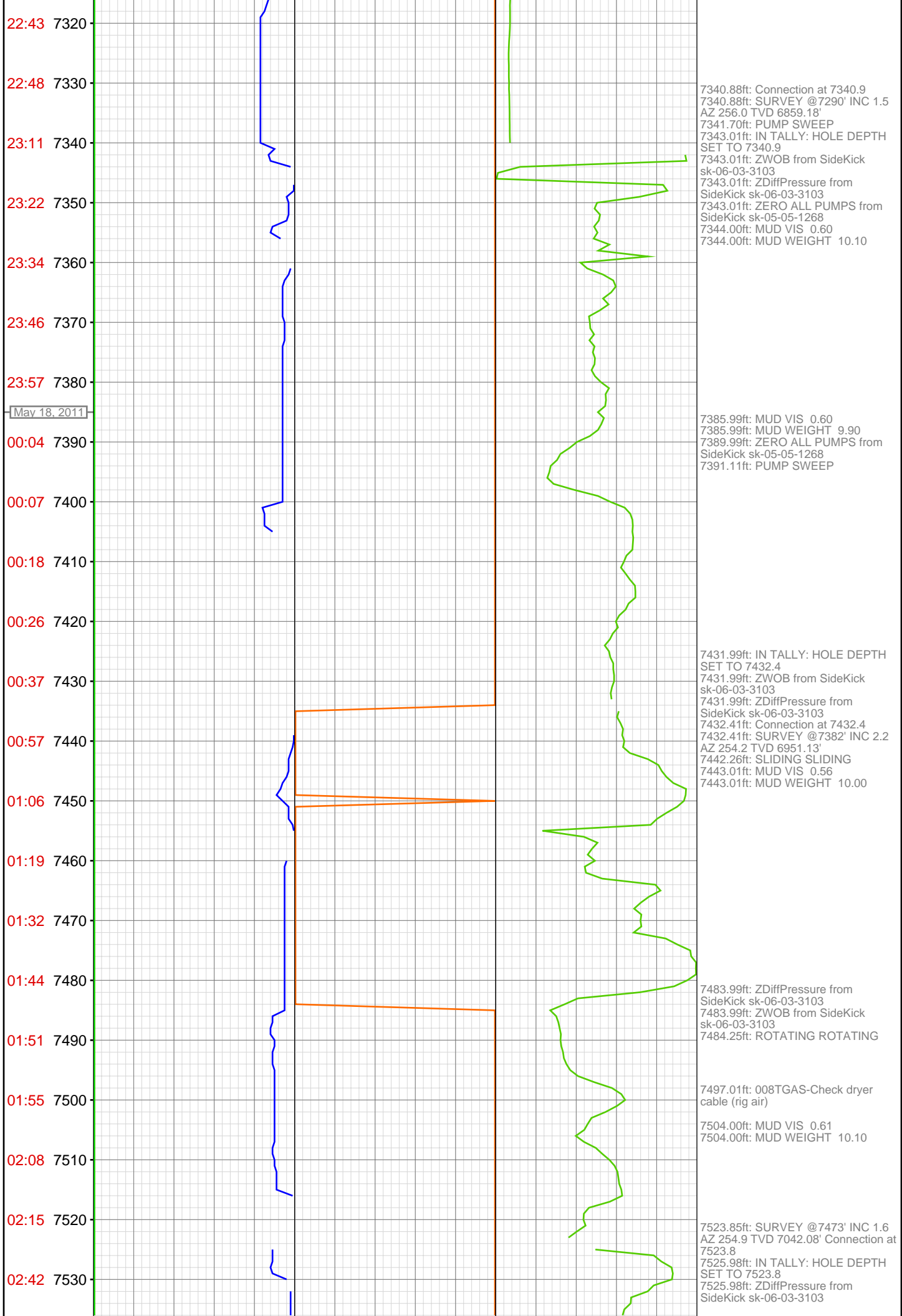


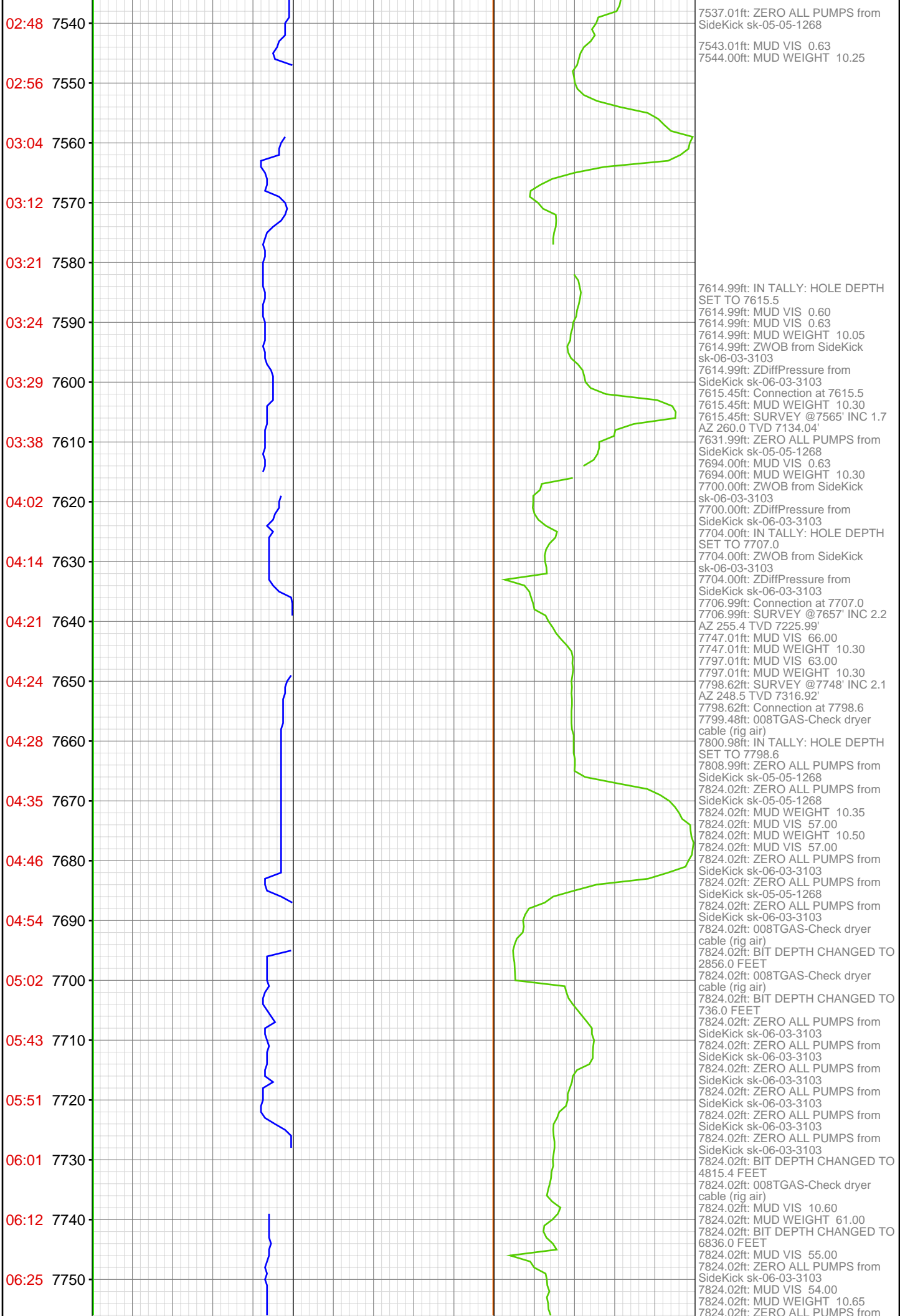












06:37 7760
06:48 7770
07:01 7780
07:12 7790
07:55 7800
08:06 7810
08:17 7820
May 19, 2011
11:34 7830
7840



SideKick sk-06-03-3103
7825.00ft: ZERO ALL PUMPS from
SideKick sk-05-05-1268
7825.00ft: MUD VIS 60.00
7825.00ft: MUD WEIGHT 103.50
7825.00ft: MUD WEIGHT 10.35
7825.00ft: ZERO ALL PUMPS from
SideKick sk-05-05-1268
7825.00ft: 021TGAS 05121609
SW0.30 HW30.00 - 10 days on
7825.00ft: 008TGAS-Check dryer
cable (rig air)
7825.00ft: ZERO ALL PUMPS from
SideKick sk-06-03-3103
7825.00ft: ZERO ALL PUMPS from
SideKick sk-05-05-1268
7825.00ft: DERRICK HAND 100%
TIED OFF, BB, TB, BW, JM
7825.00ft: C.O.M. OK
7825.00ft: PUMP OUT CELLAR
7825.00ft: FLOW CHECK
7825.00ft: NO FLOW
7825.00ft: FLOW CHECK
7825.00ft: NO FLOW
7825.00ft: PUMP OUT CELLAR
7825.00ft: ROTATING RUBBER
7825.00ft: CHANG CASING TONGS
7825.00ft: FILL PIPE
7825.00ft: BIT DEPTH CHANGED TO
1727.0 FEET
7825.00ft: FILL PIPE
7825.00ft: FILL PIPE
7825.00ft: VIS 67 WT 10.7
7825.00ft: FILLING PILL TANK
7825.00ft: ZERO ALL PUMPS from
SideKick sk-06-03-3103
7825.00ft: CIRCULATE BU
7825.00ft: MUD WEIGHT 10.70
7825.00ft: PLUG DOWN @ 15:00
7825.49ft: FLOW CHECK
7833.99ft: BIT DEPTH CHANGED TO
7803.0 FEET
7833.99ft: HOLE DEPTH CHANGED
TO 7825.0 FEET
7833.99ft: 021TGAS 05121609
SW0.30 HW30.00 - 11 days on
7833.99ft: 008TGAS-Check dryer
cable (rig air)