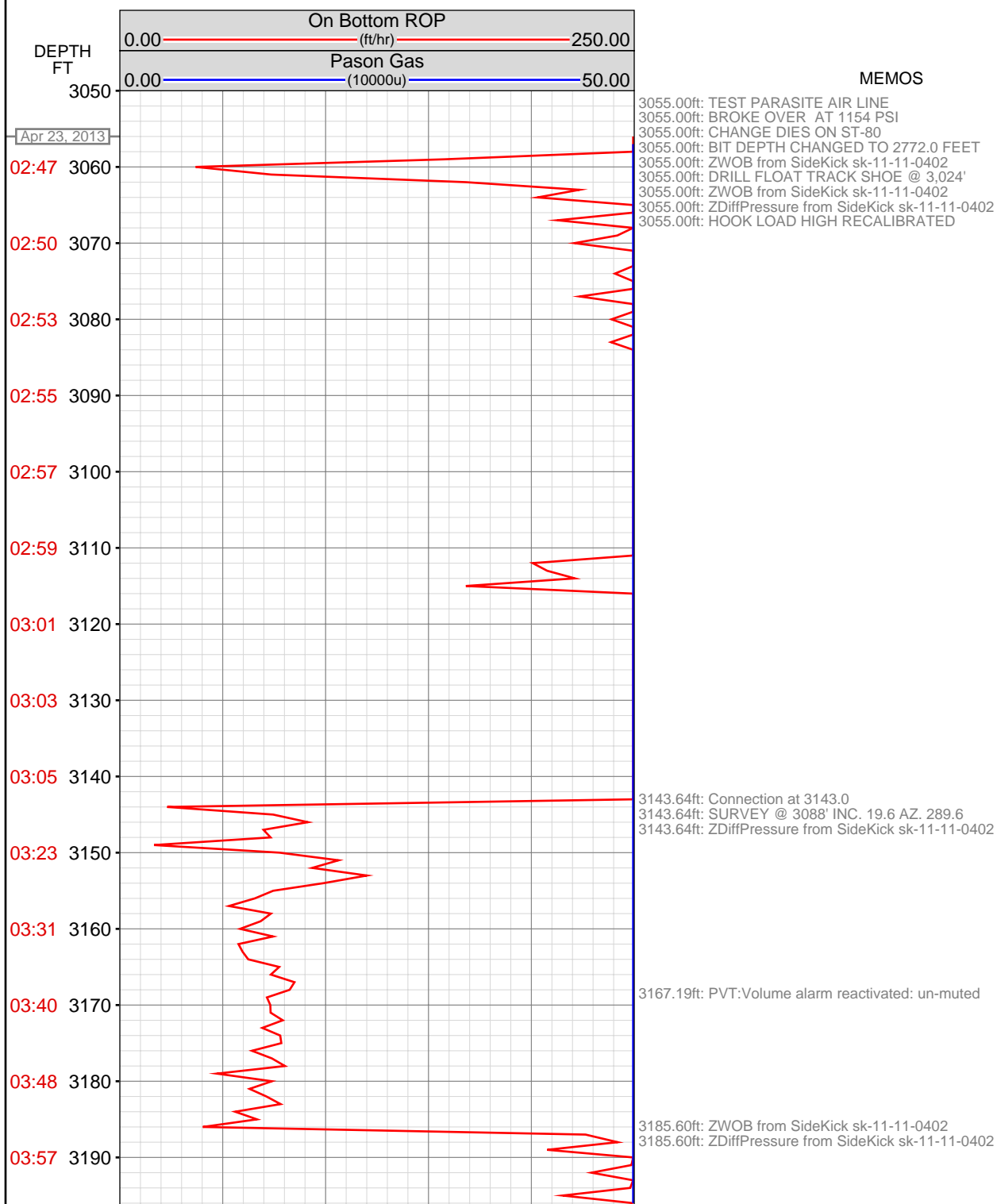
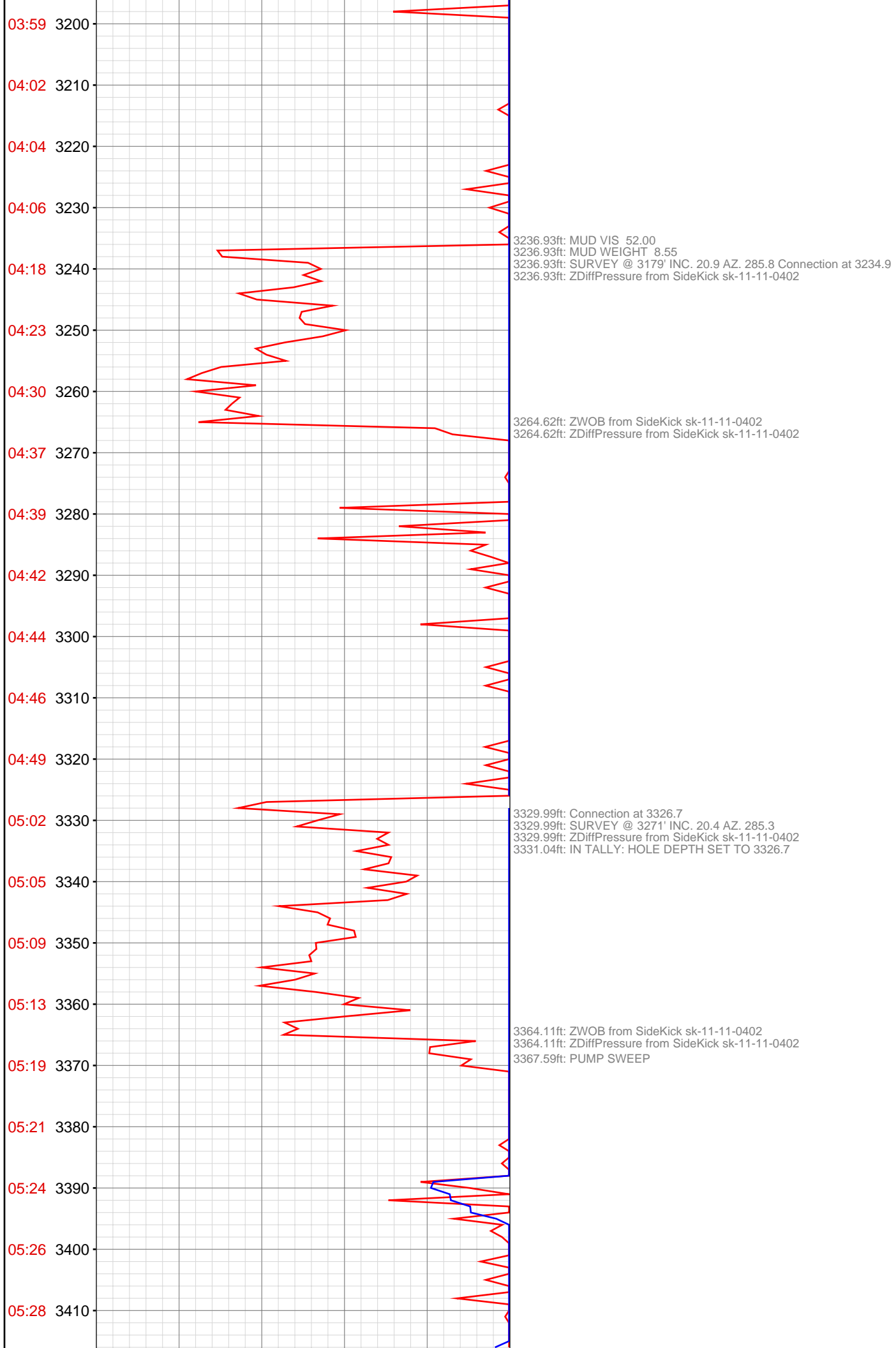
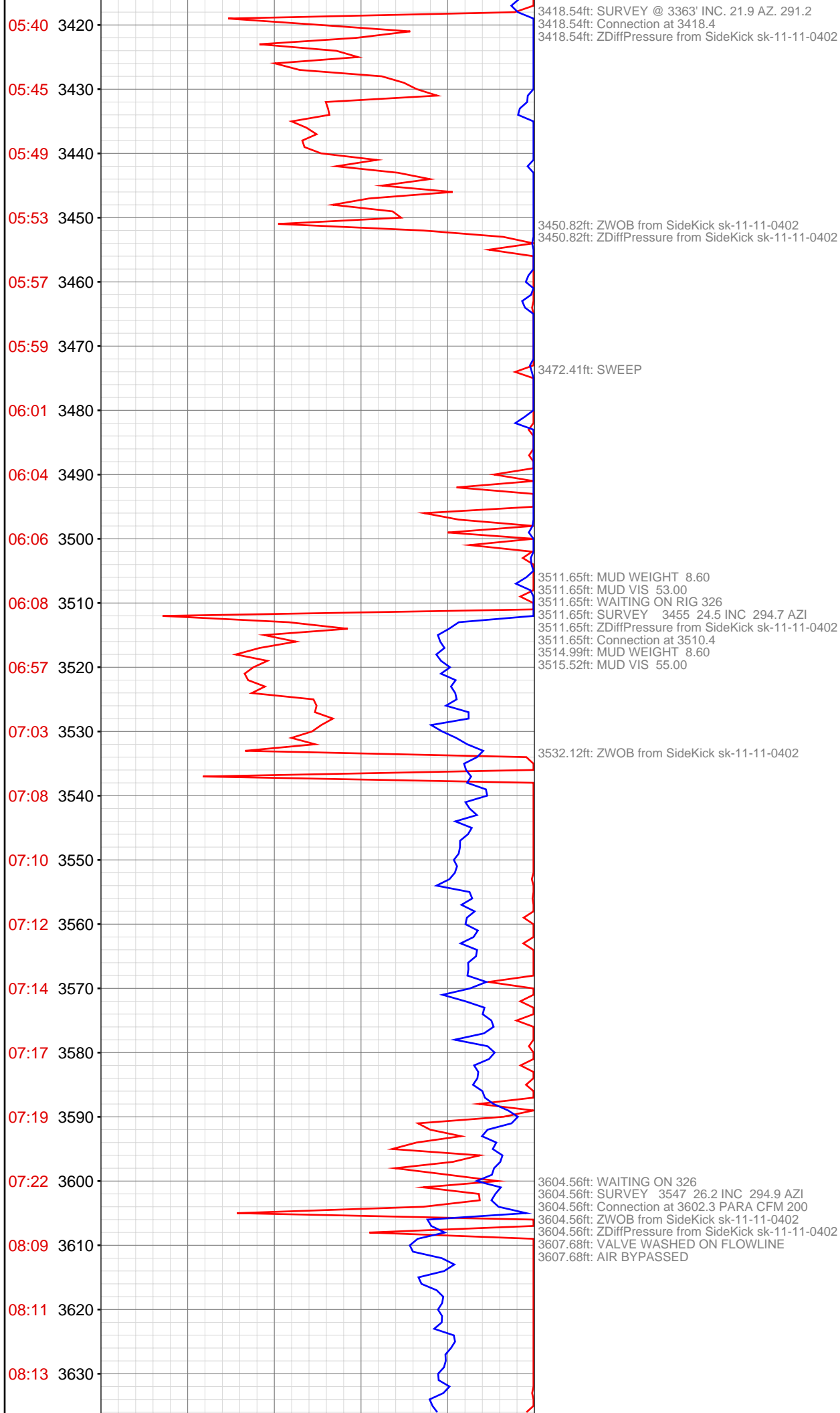


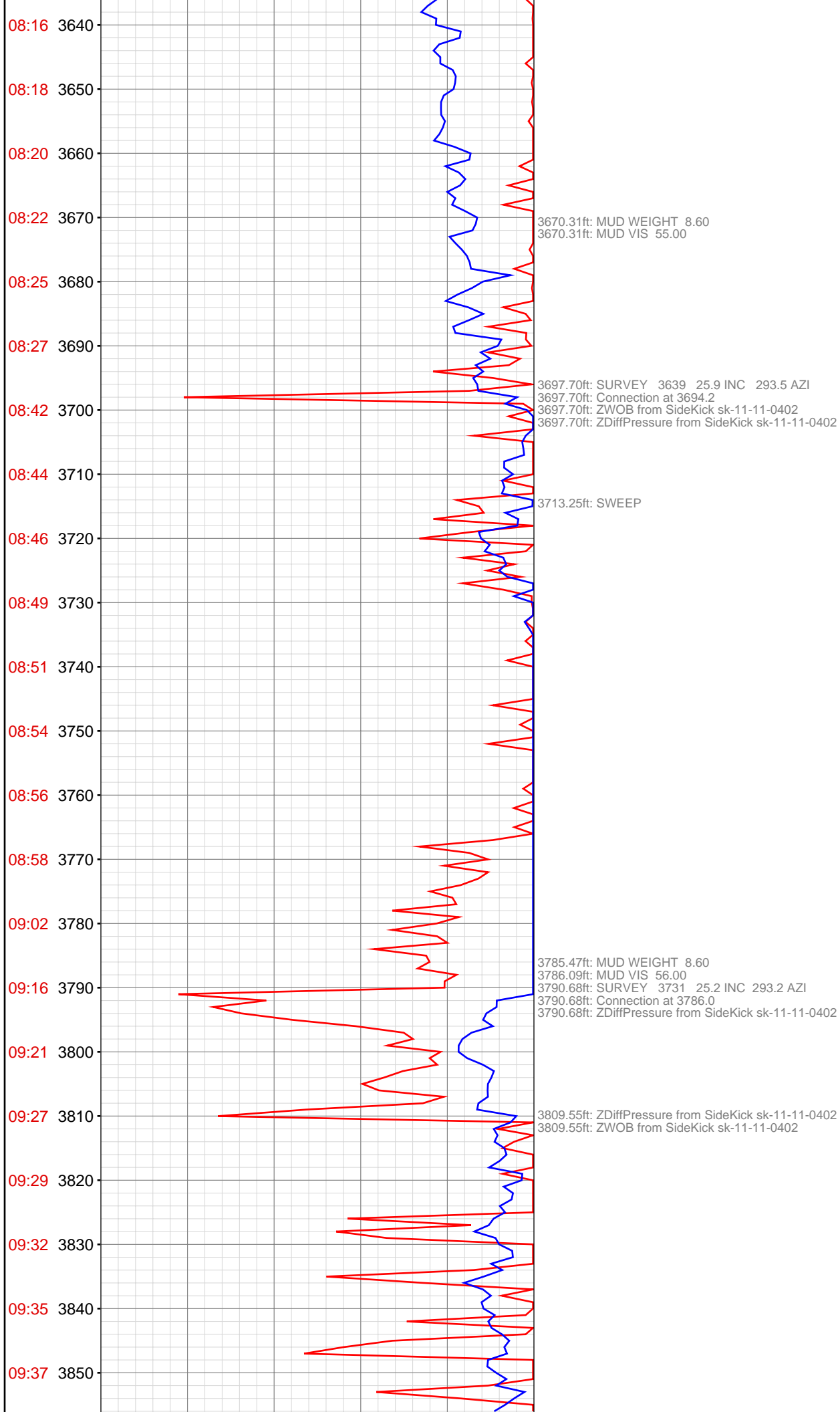
OPERATOR: EnCana Oil & Gas (USA), Inc.
WELL: SG 8510A-23 L24 496
FIELD:
LOCATION: SEC 24 TWP 4S RNG 96W
COUNTRY: USA
RIG: Pat-UTI 330

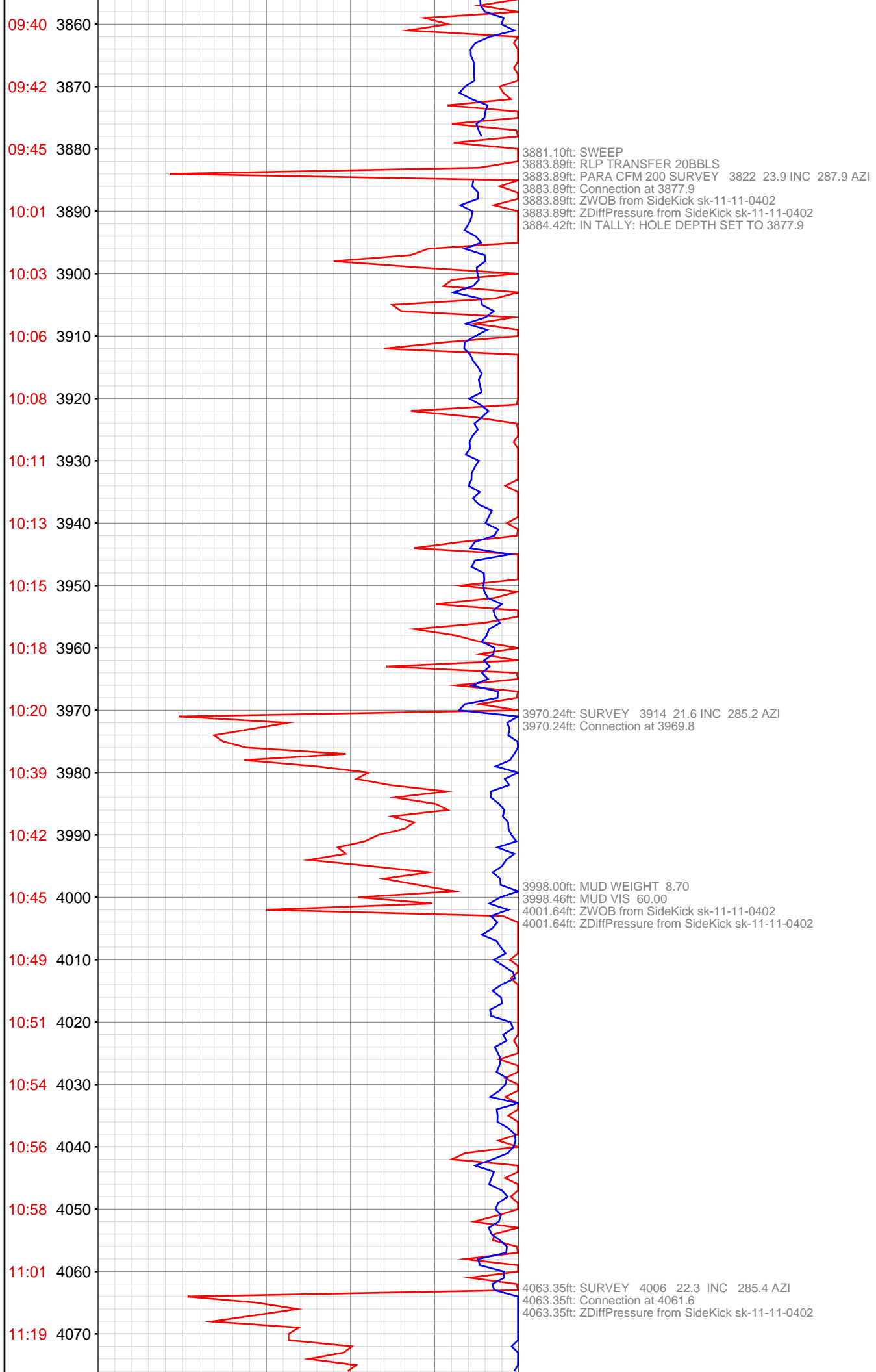
CONTRACTOR: Patterson-UTI Drilling Company
UNIQUE WELL ID: 0504521168
SPUD DATE: Apr 23, 2013 03:00
RELEASE DATE:

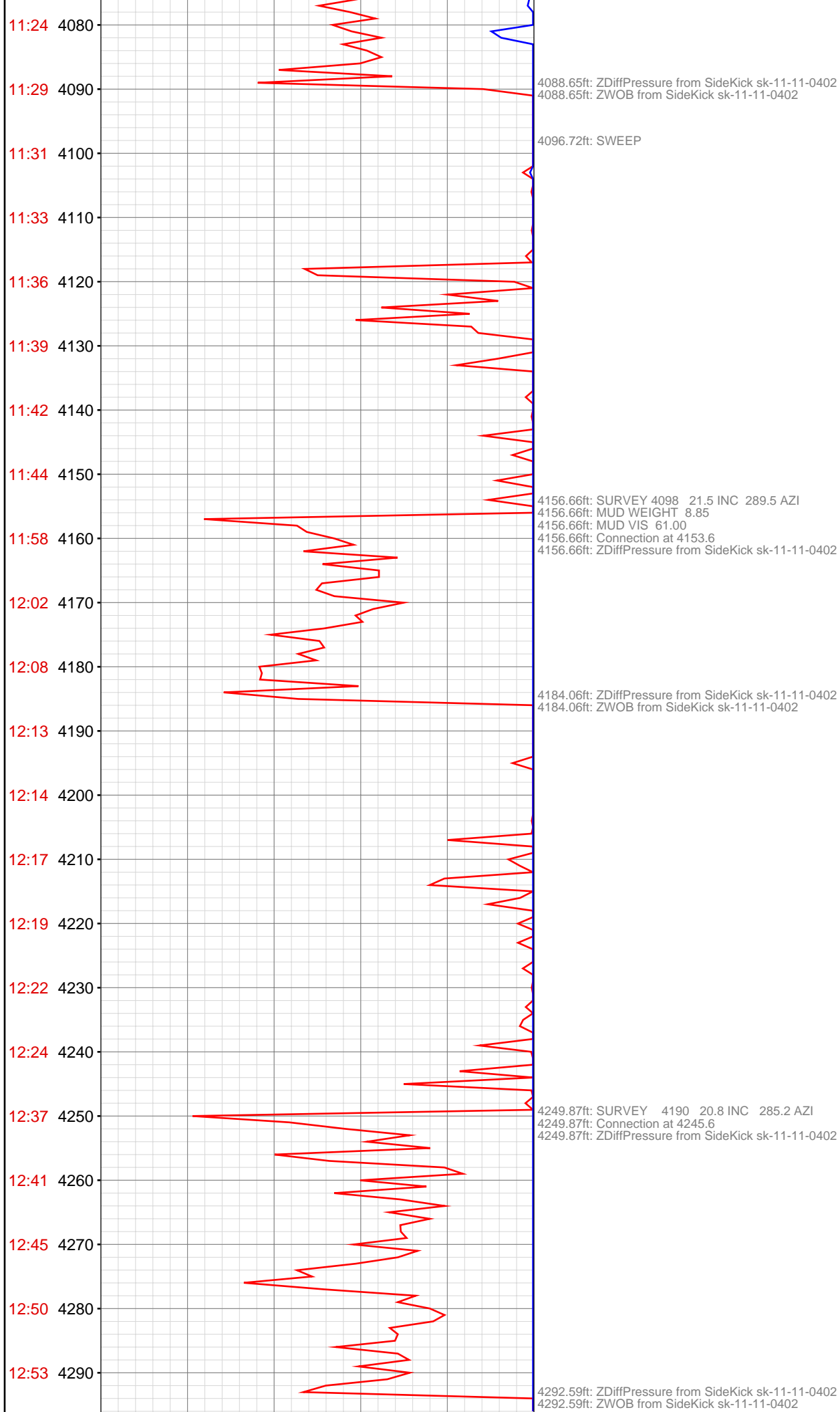


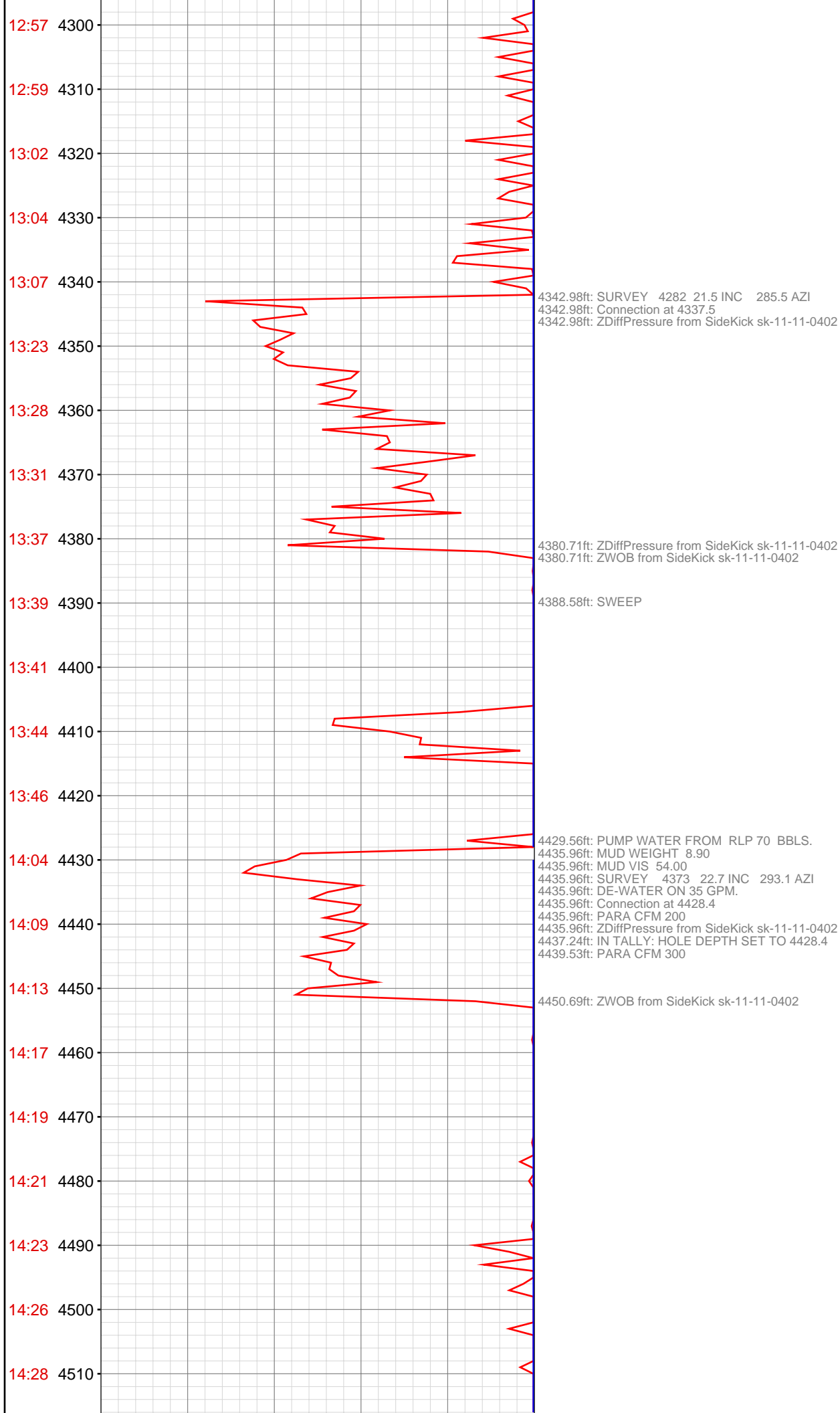


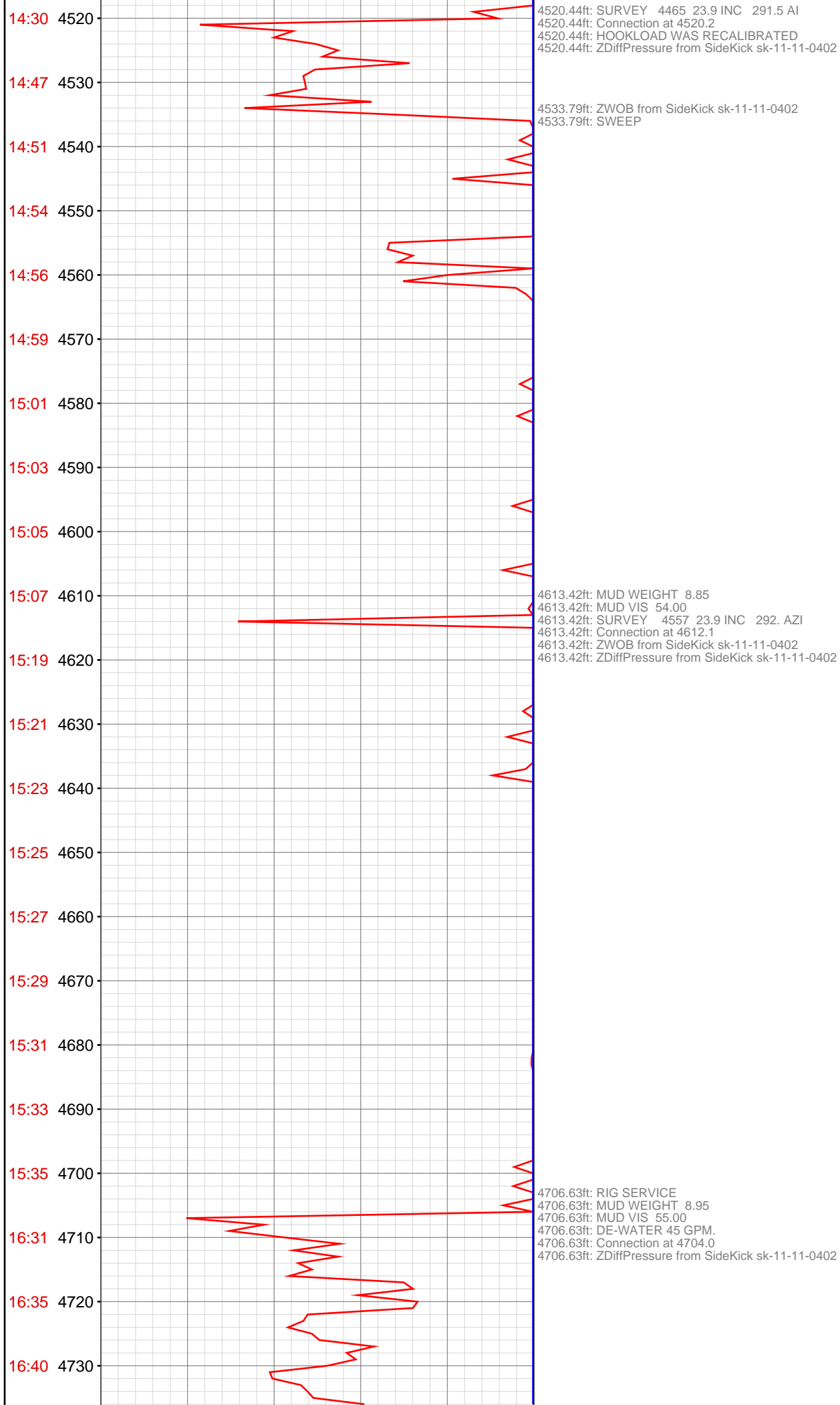


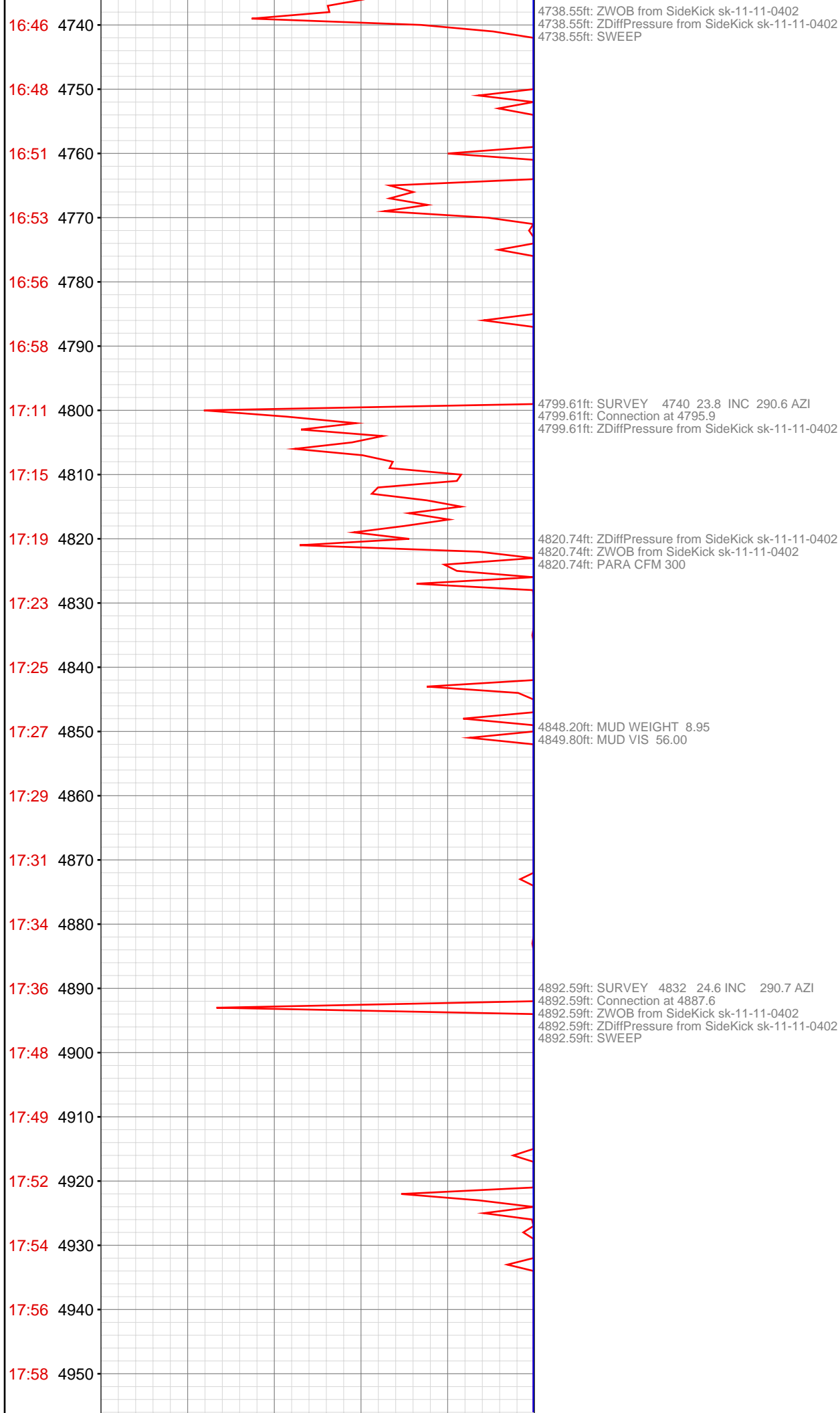


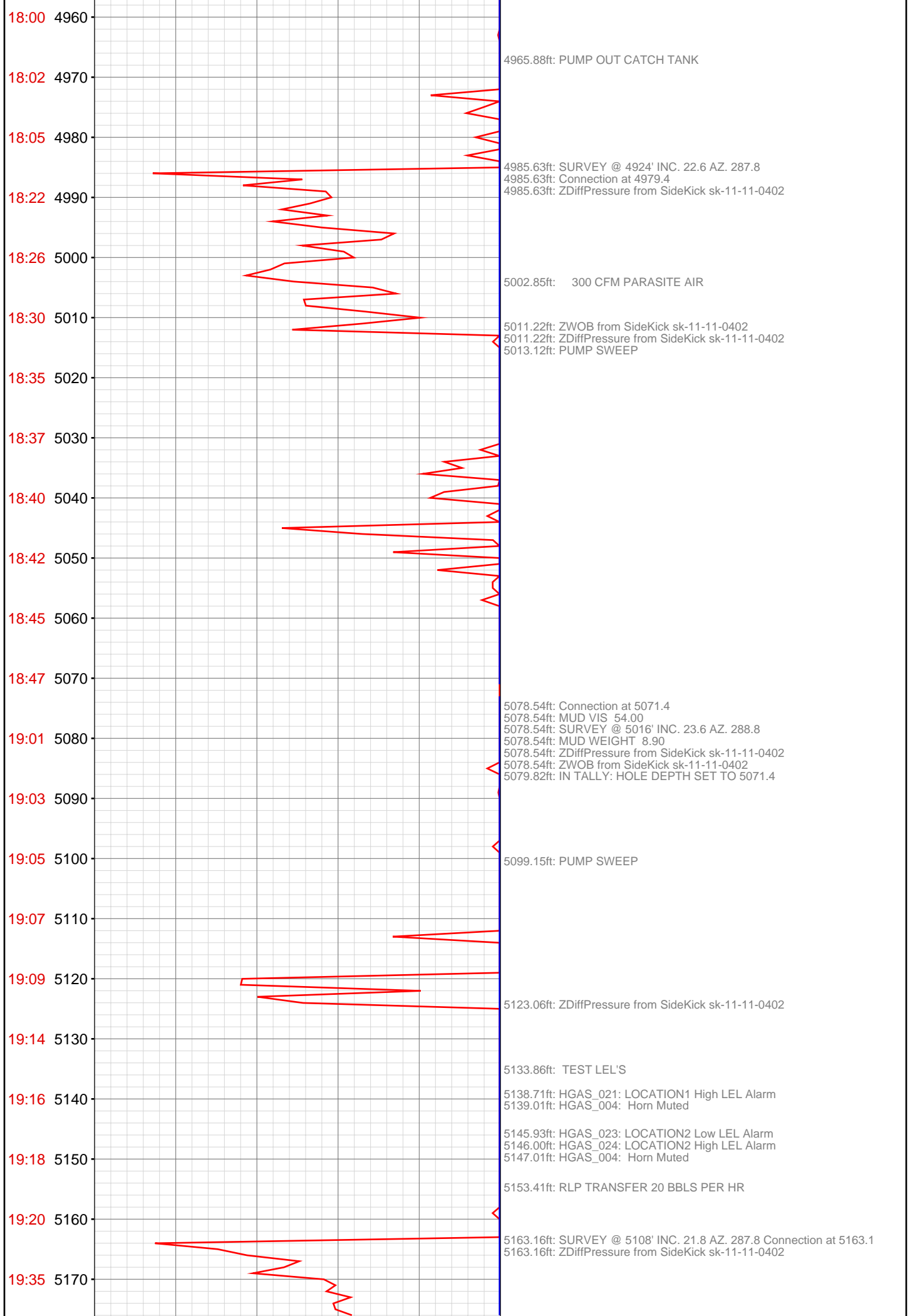


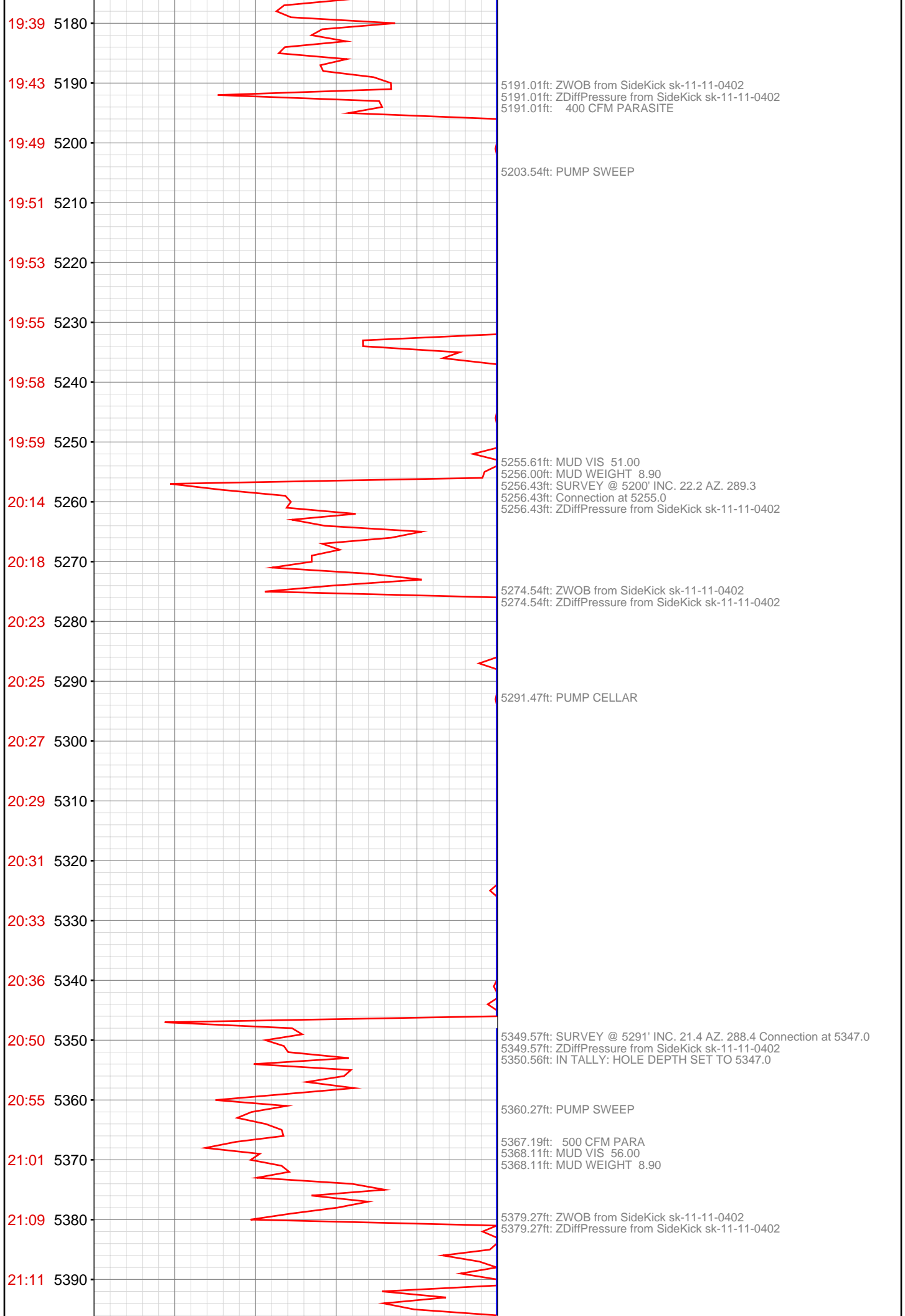


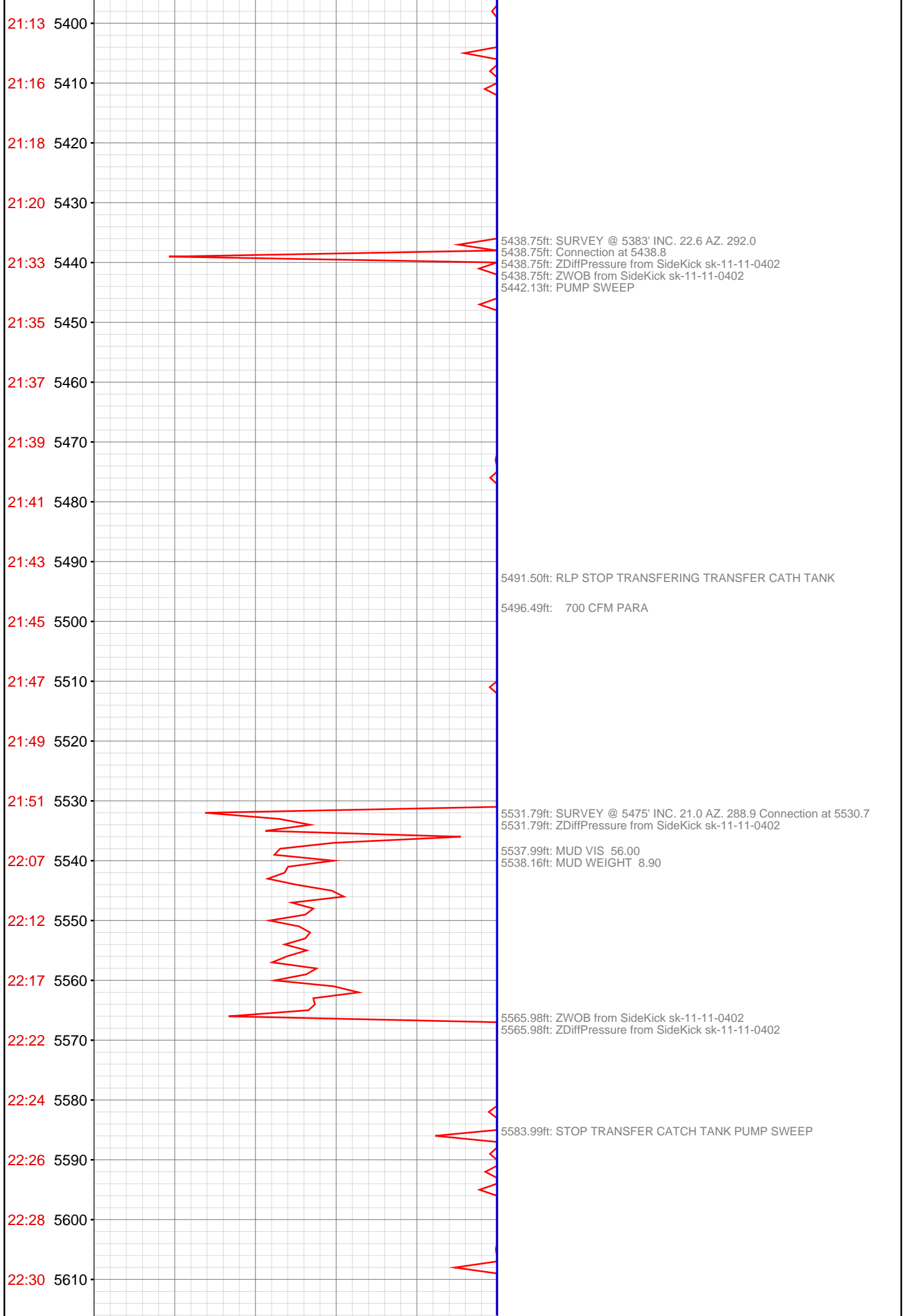


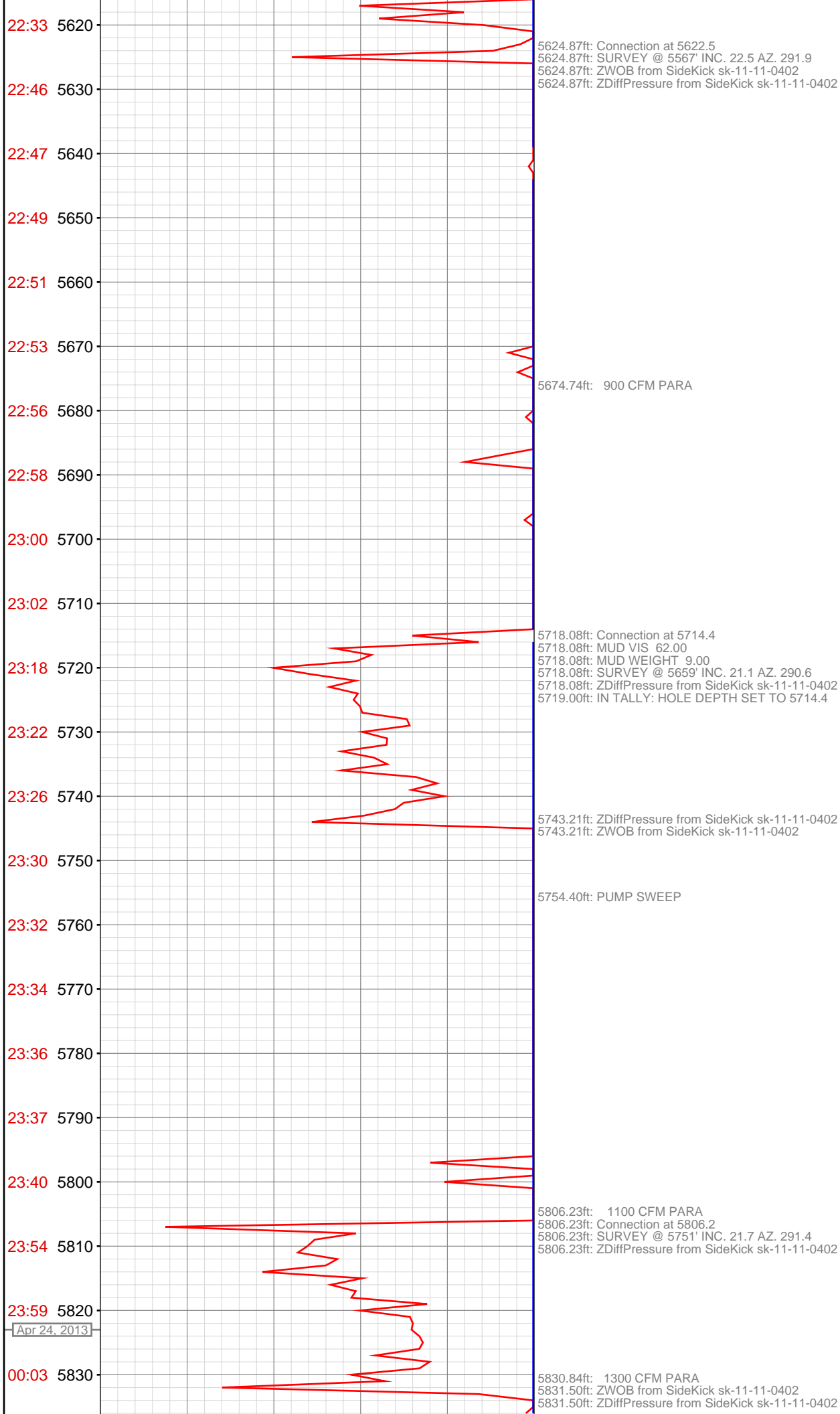


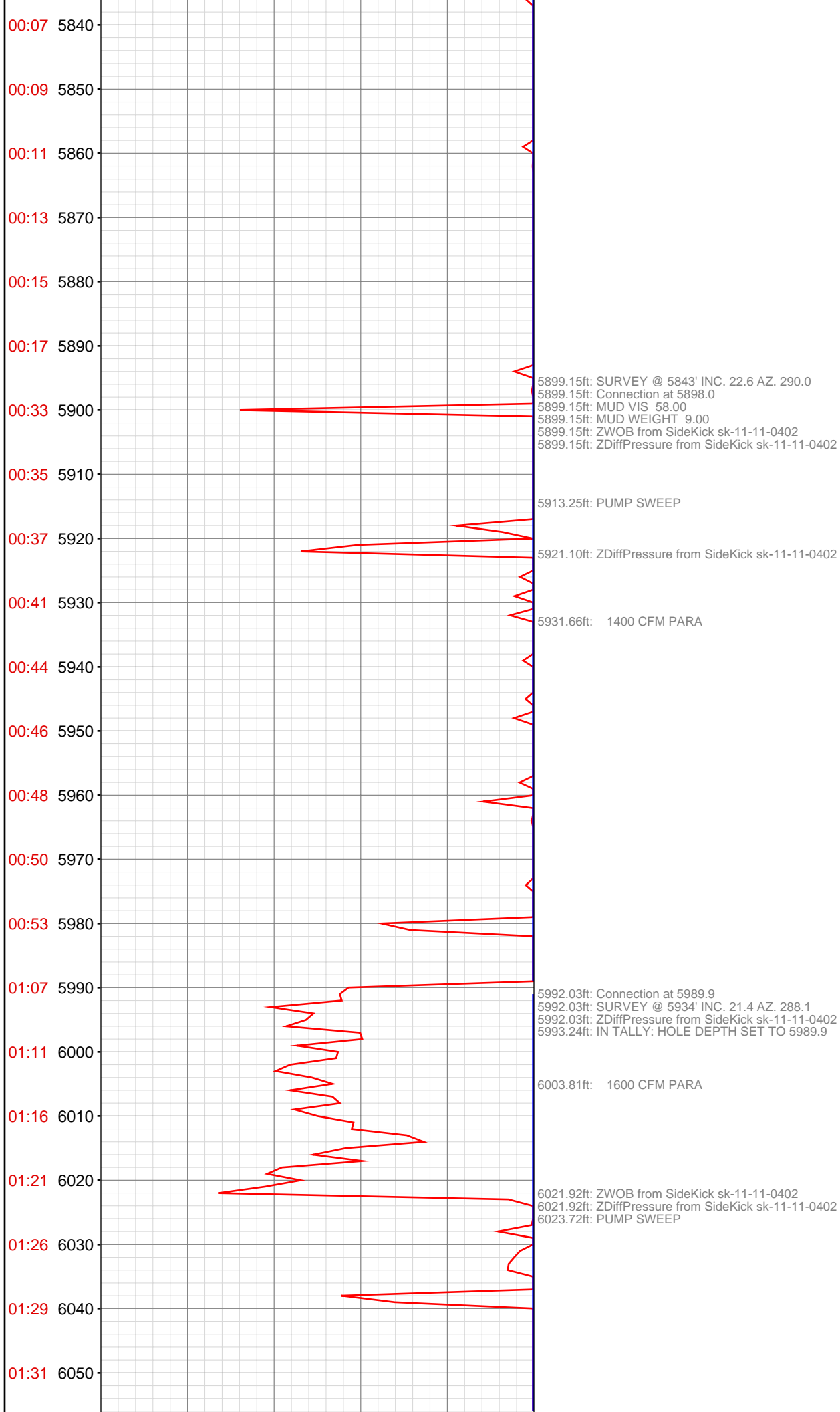


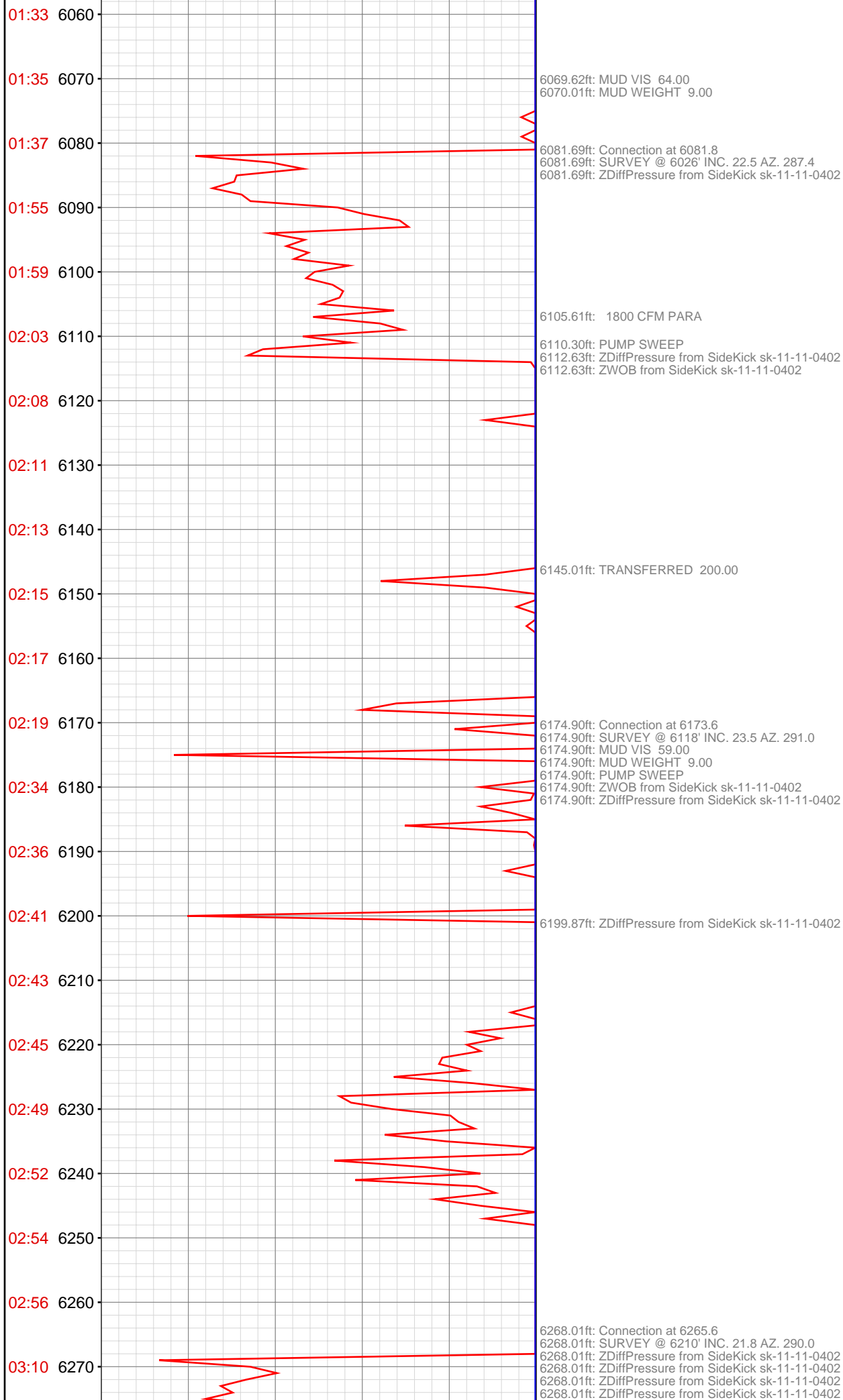


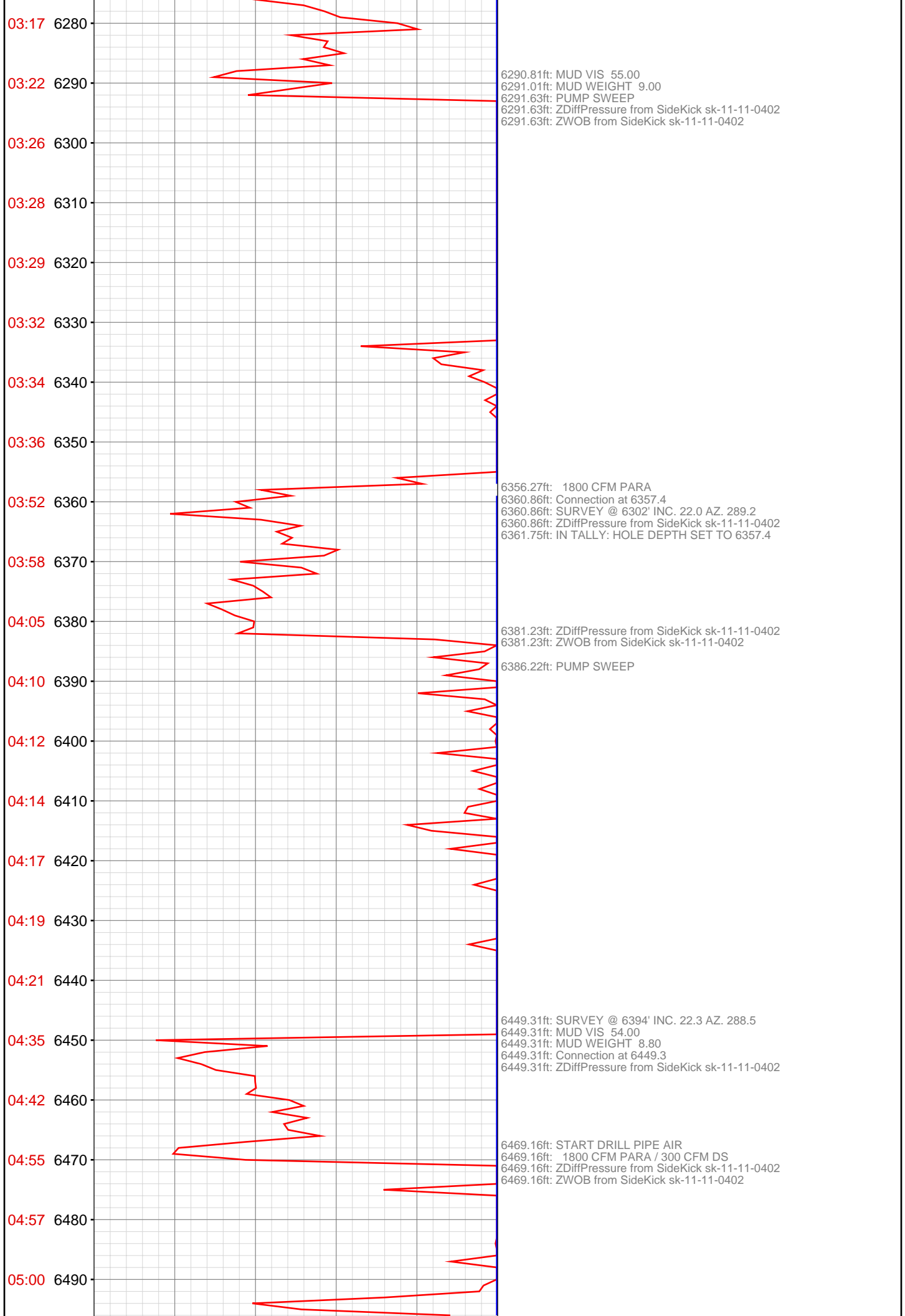


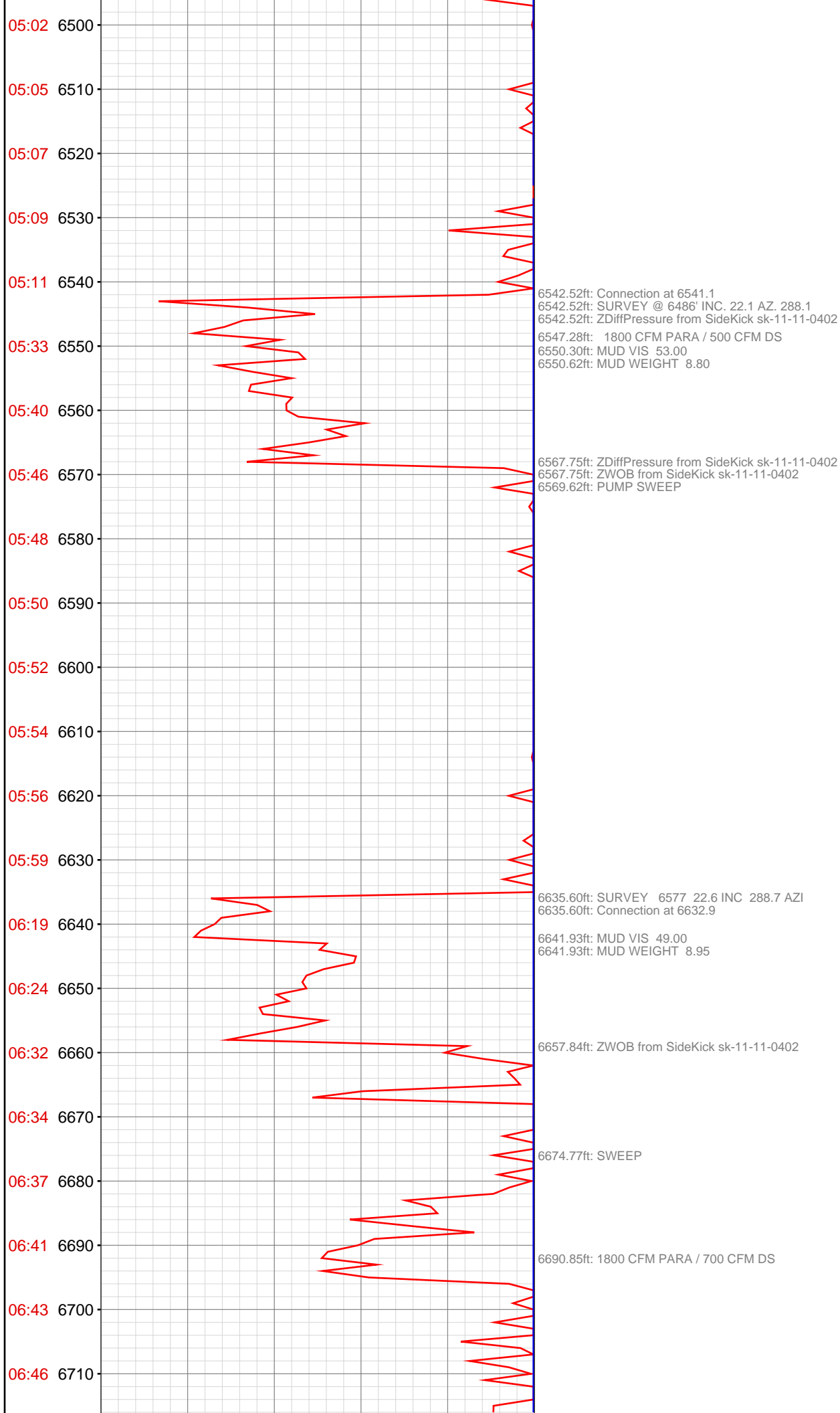


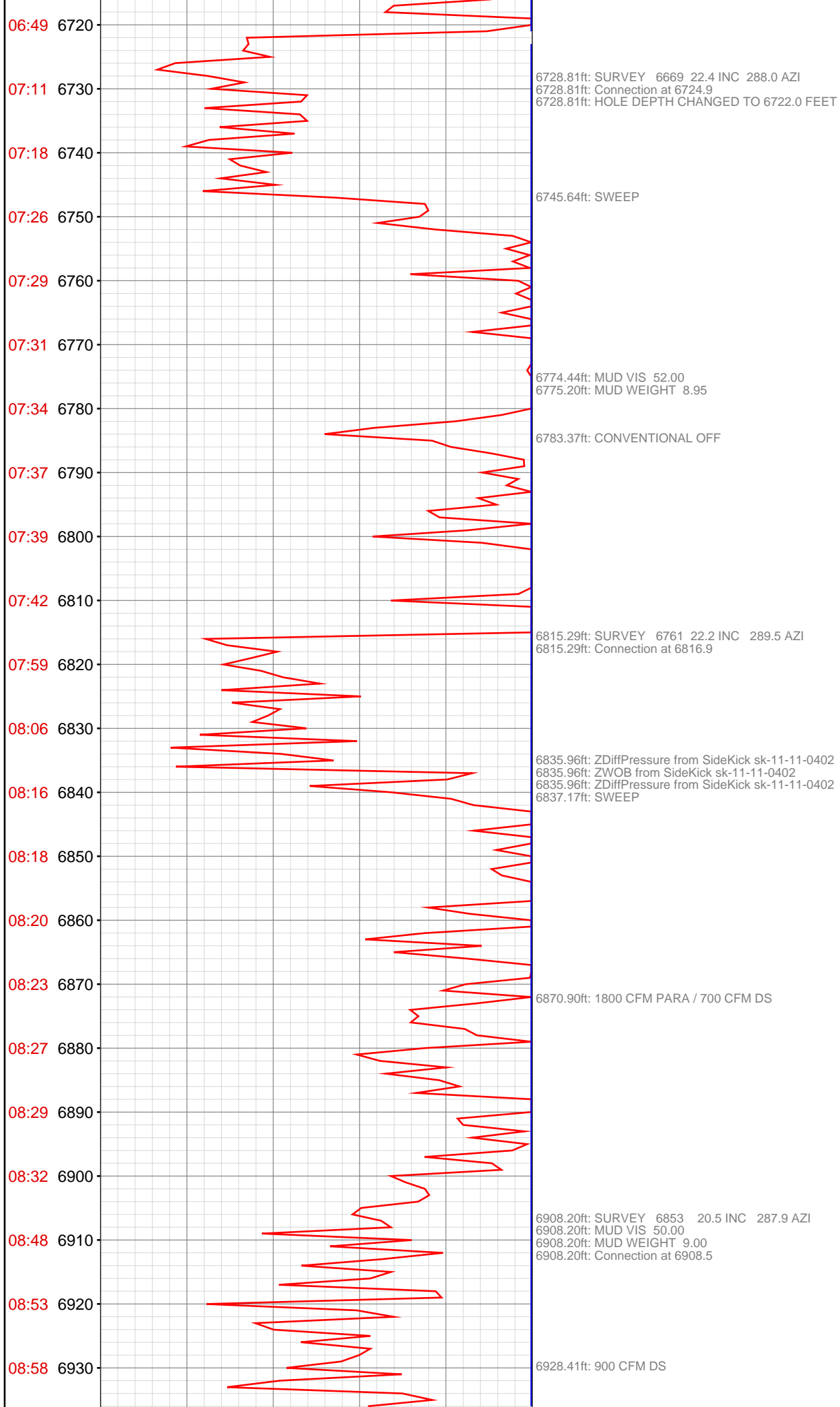


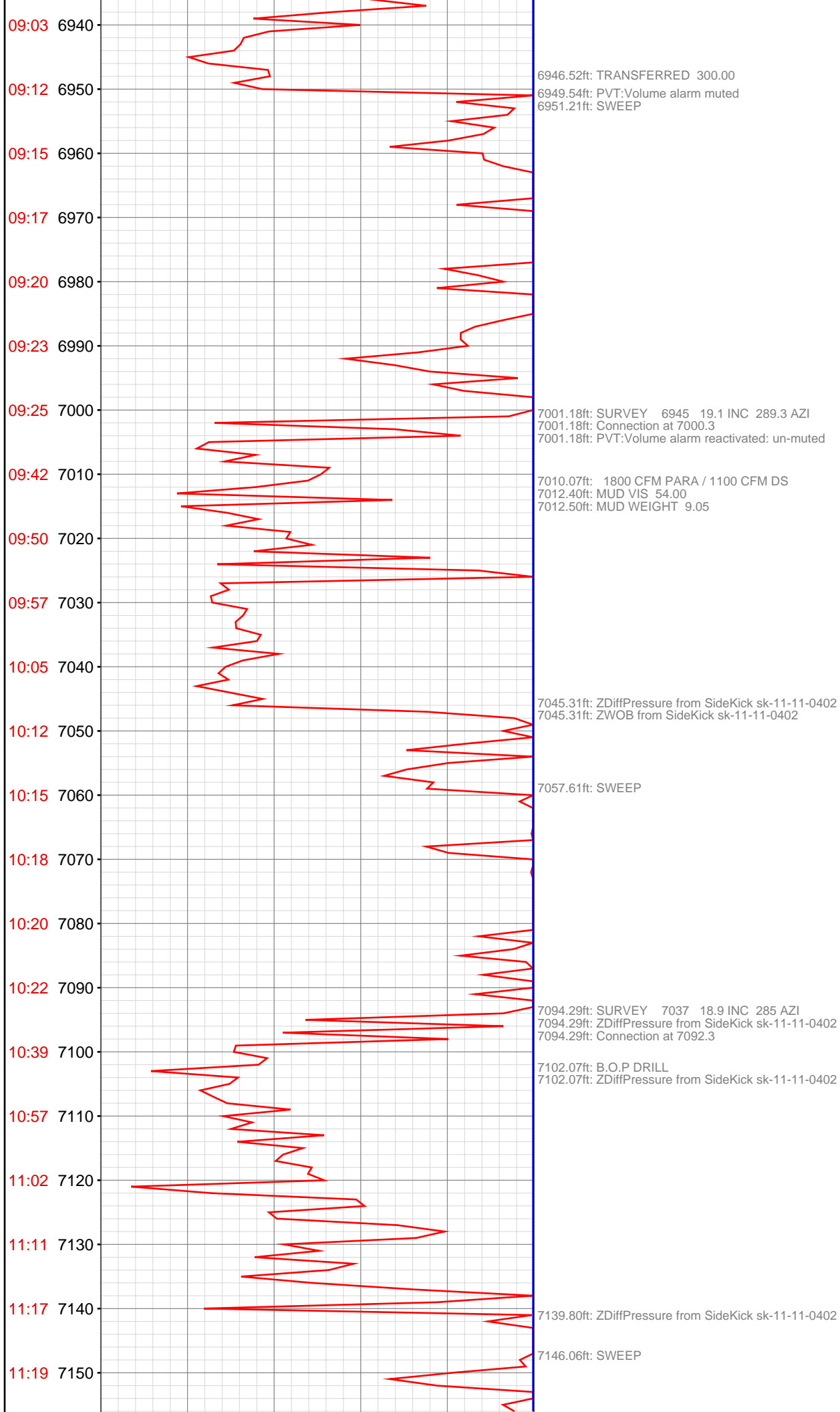


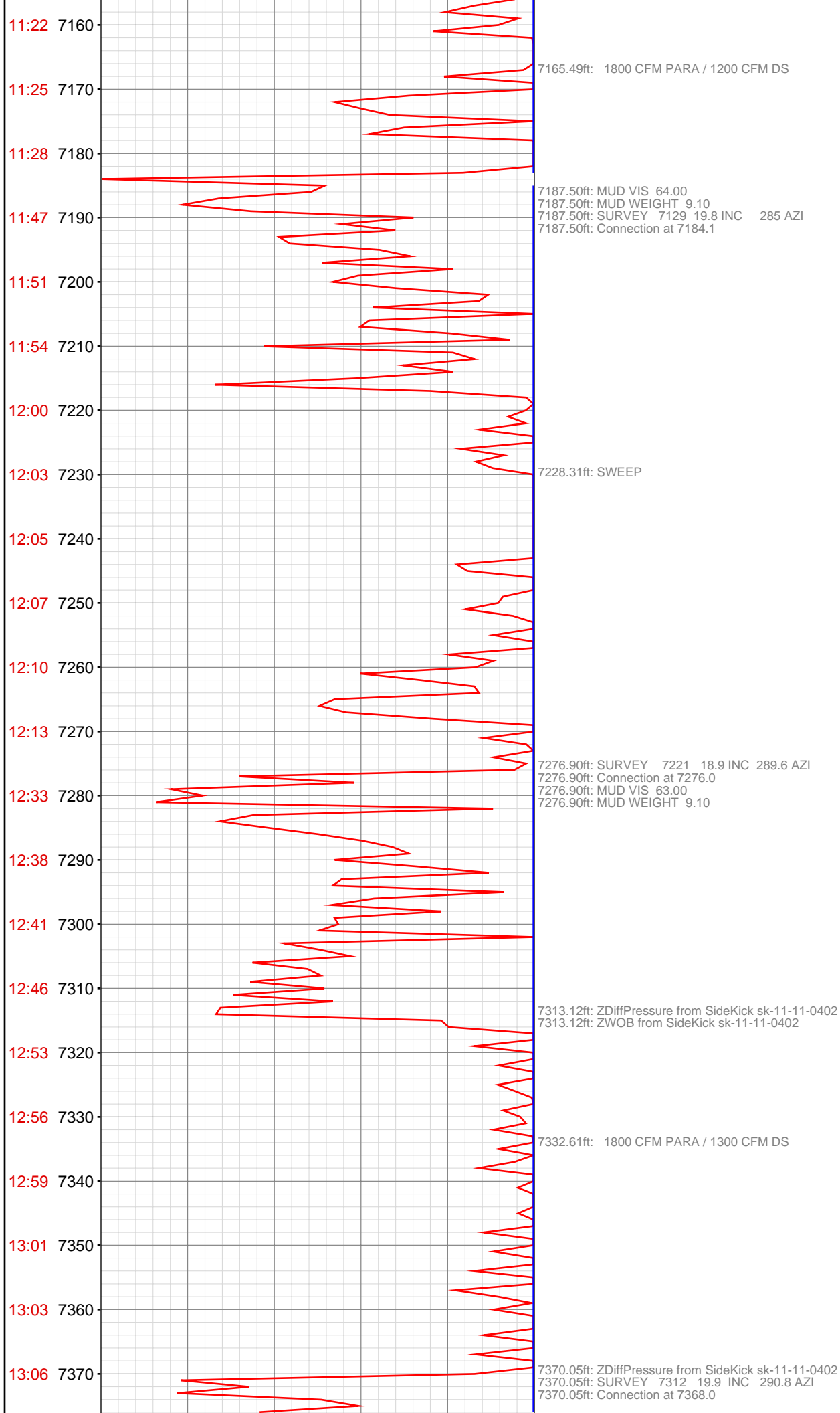


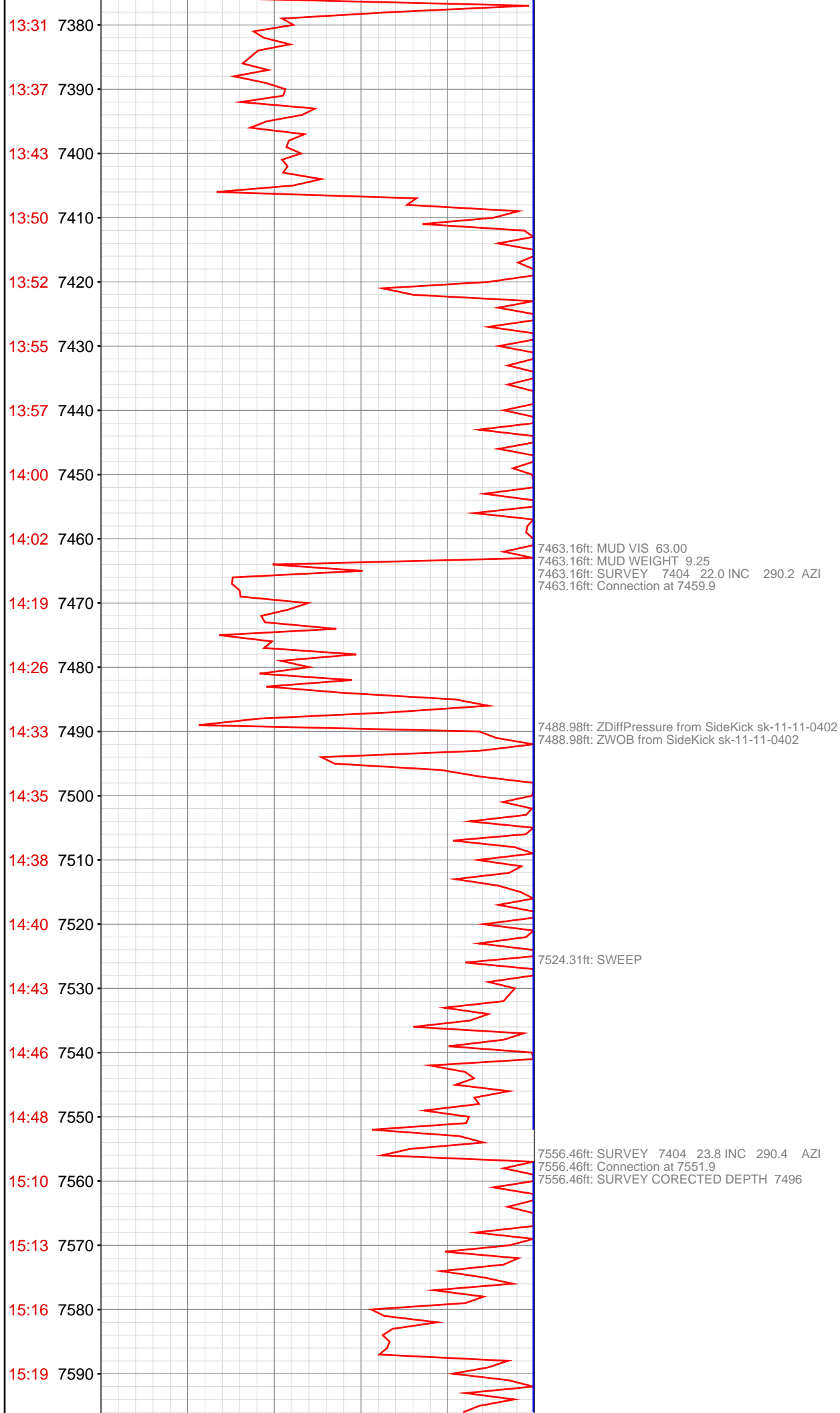


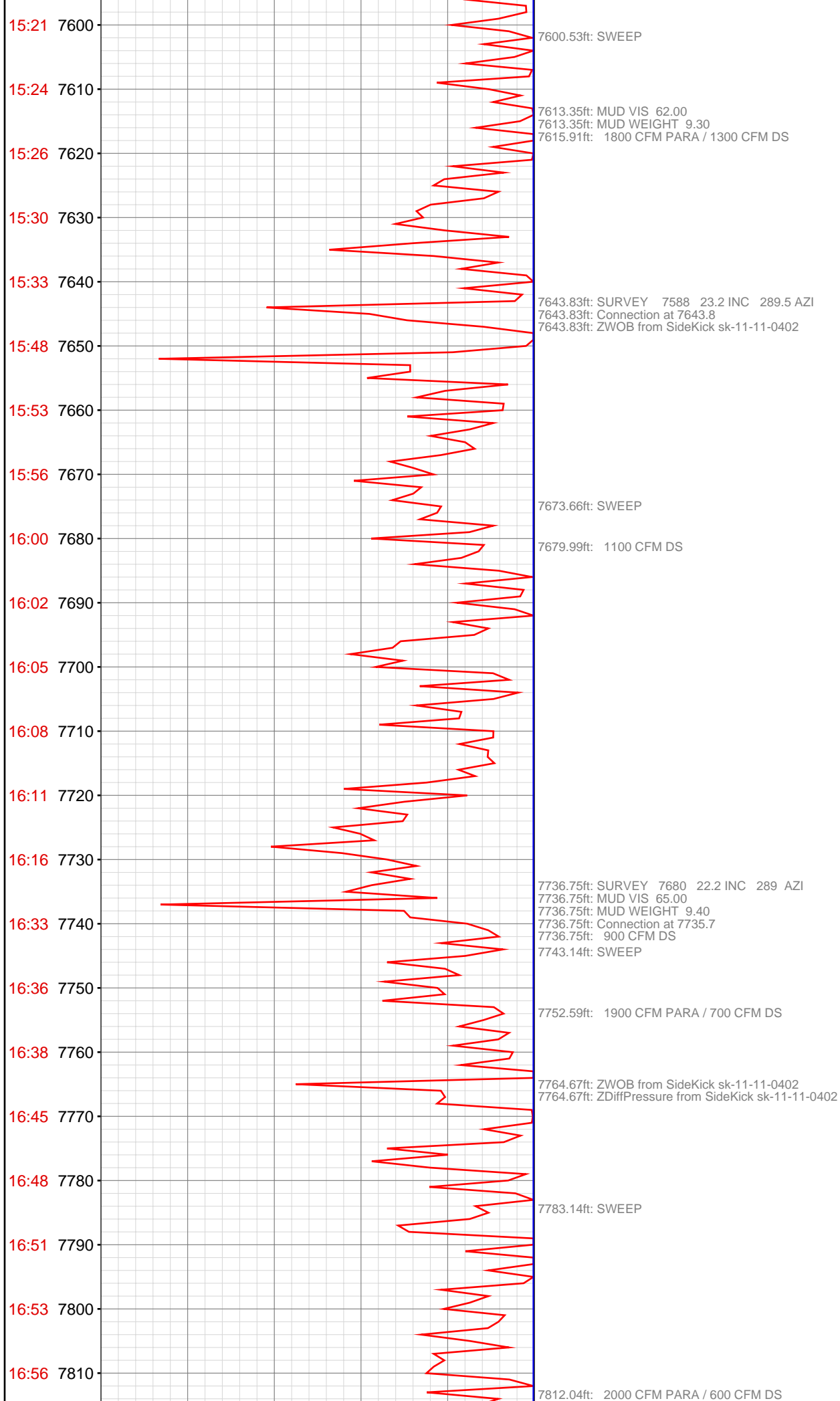


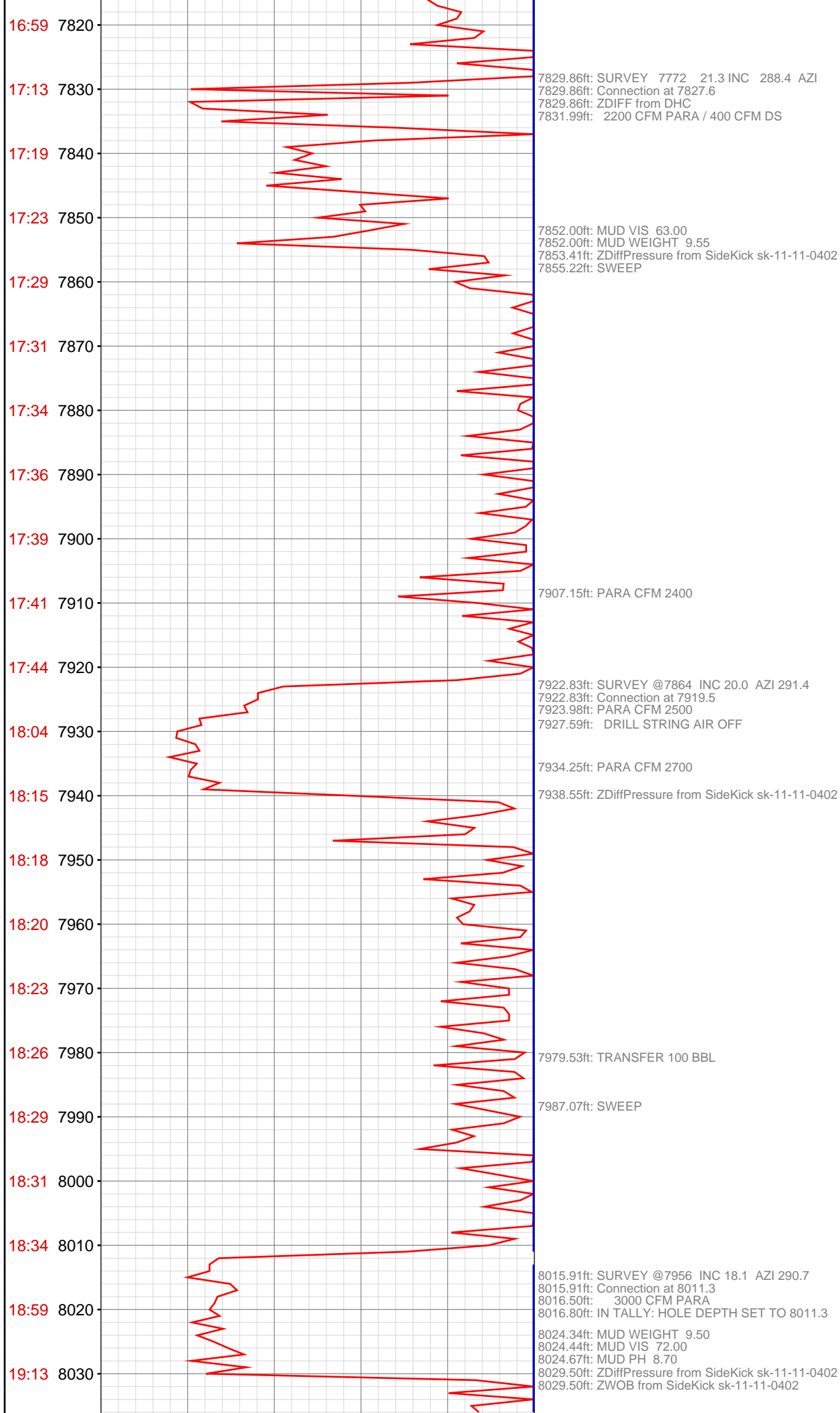


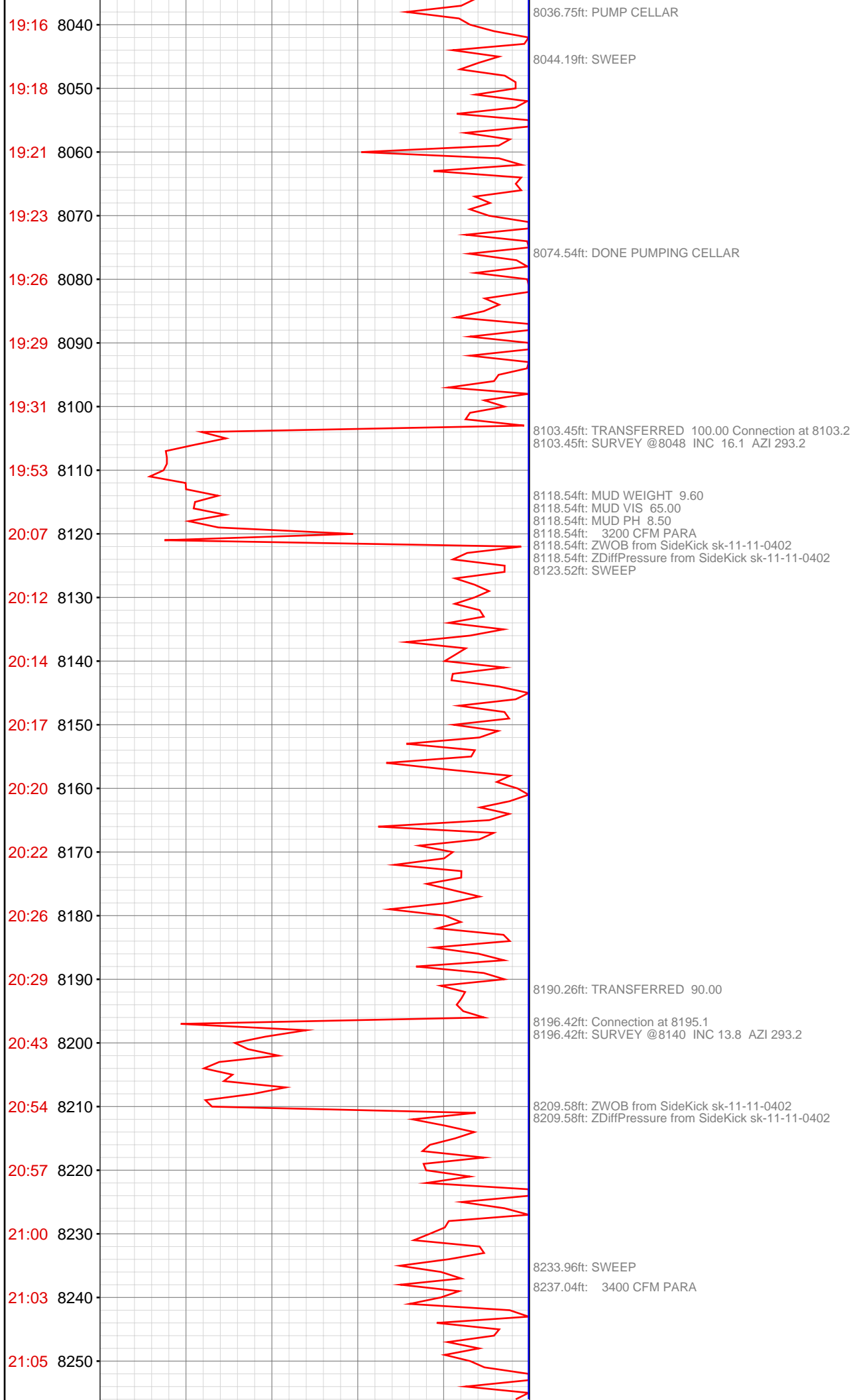


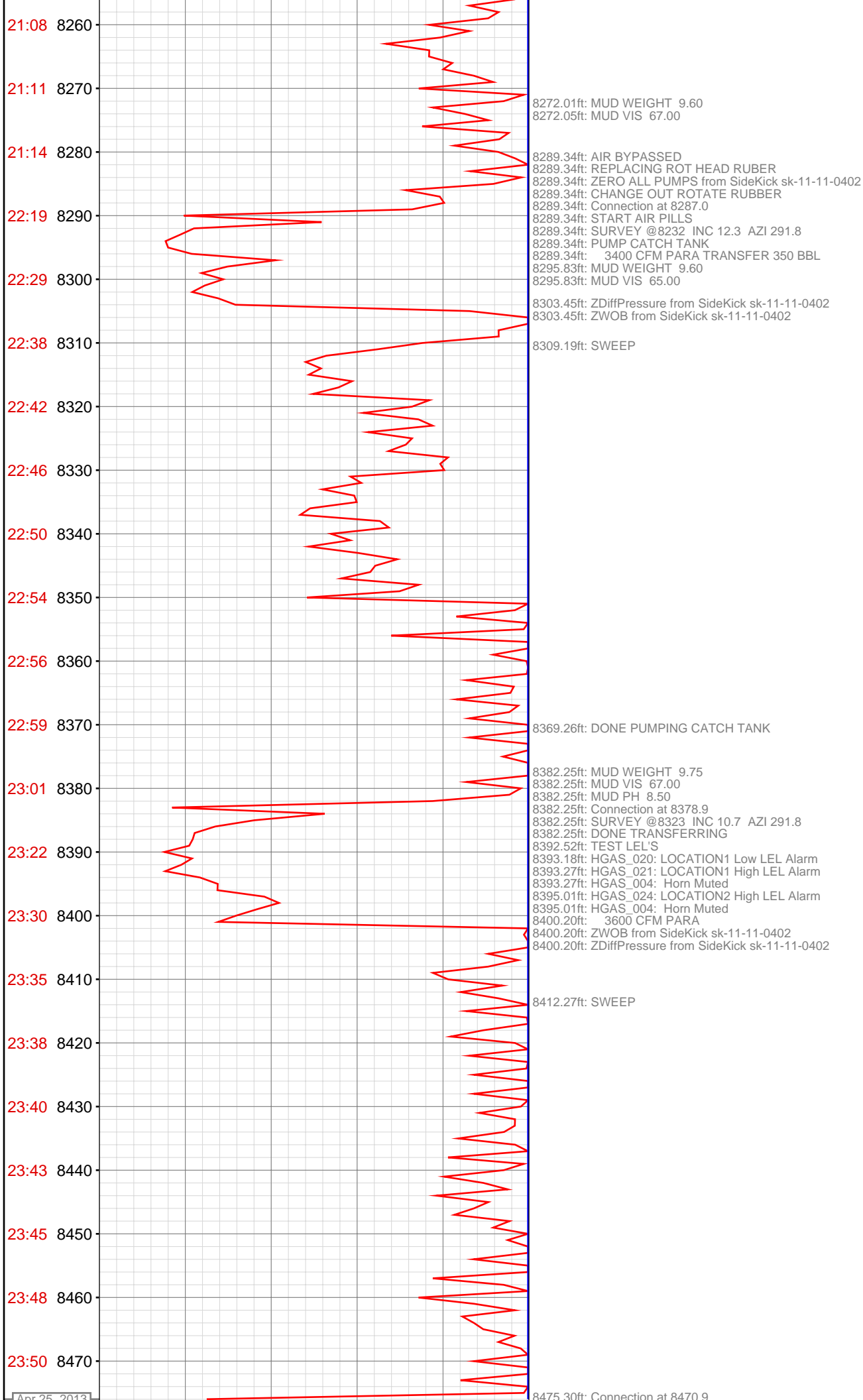












Apr 23, 2019

00:06 8480

8475.30ft: SURVEY @8415 INC 9.8 AZI 284.2
8479.36ft: 3500 CFM PARA
8481.63ft: MUD WEIGHT 10.70
8481.63ft: MUD VIS 82.00
8481.79ft: MUD PH 8.50

00:16 8490

8495.77ft: ZDiffPressure from SideKick sk-11-11-0402
8495.77ft: ZWOB from SideKick sk-11-11-0402

00:27 8500

00:30 8510

8509.58ft: SWEEP

00:32 8520

00:36 8530

00:38 8540

00:40 8550

00:43 8560

00:57 8570

8568.14ft: Connection at 8562.8
8568.14ft: SURVEY @8507 INC 7.3 AZI 282.7
8573.85ft: MUD WEIGHT 9.90
8574.08ft: MUD VIS 78.00
8574.08ft: MUD PH 8.50

01:07 8580

01:17 8590

8588.98ft: ZWOB from SideKick sk-11-11-0402
8588.98ft: ZDiffPressure from SideKick sk-11-11-0402

01:19 8600

8598.33ft: SWEEP

01:21 8610

01:25 8620

01:28 8630

01:32 8640

01:35 8650

01:54 8660

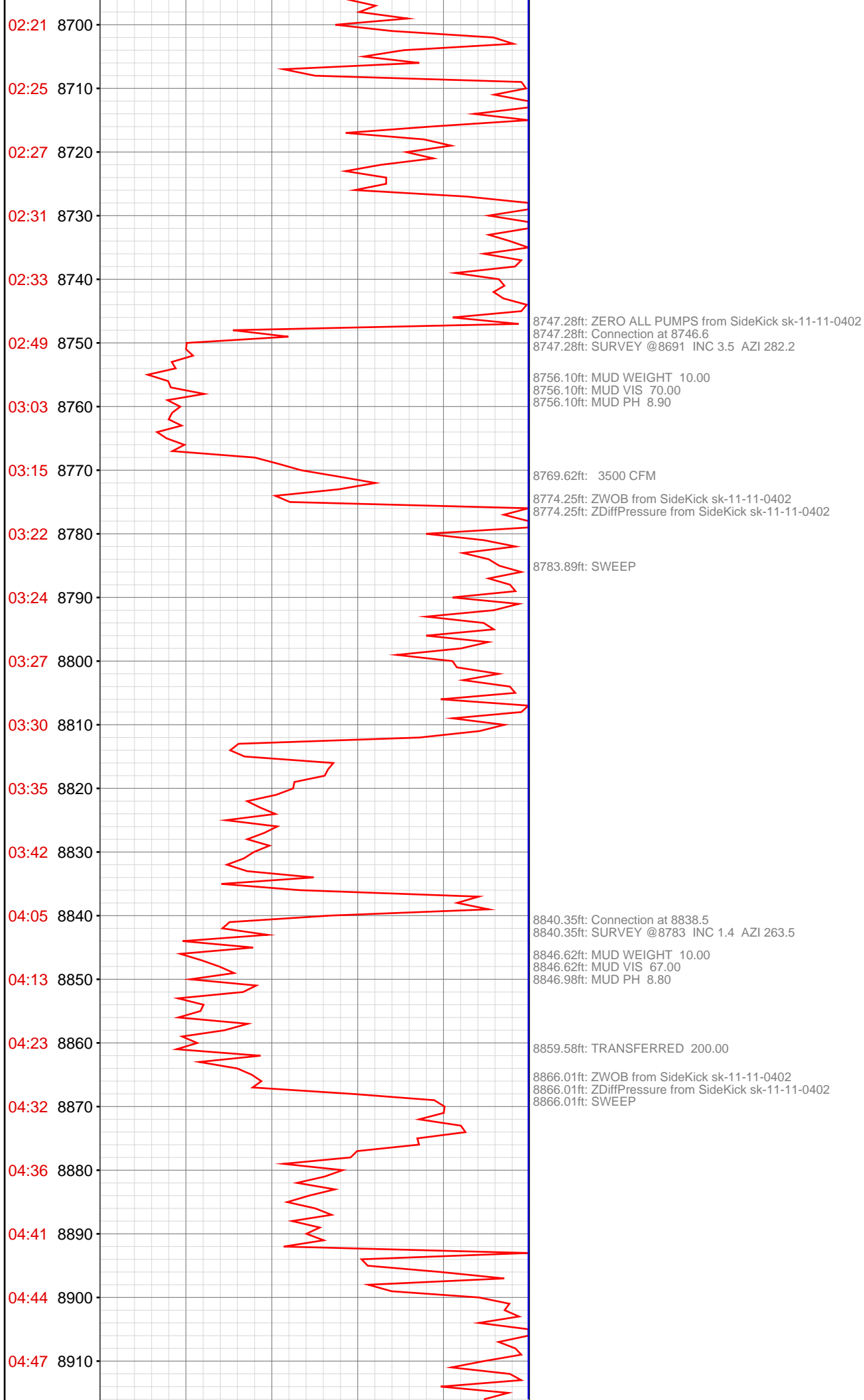
8661.42ft: Connection at 8654.8
8661.42ft: SURVEY @8599 INC 4.8 AZI 282.2
8661.42ft: HOOKLOAD WAS RECALIBRATED
8661.42ft: IN TALLY: HOLE DEPTH SET TO 8654.8
8662.70ft: MUD WEIGHT 10.00
8662.70ft: MUD VIS 68.00
8667.75ft: 3500 CFM PARA

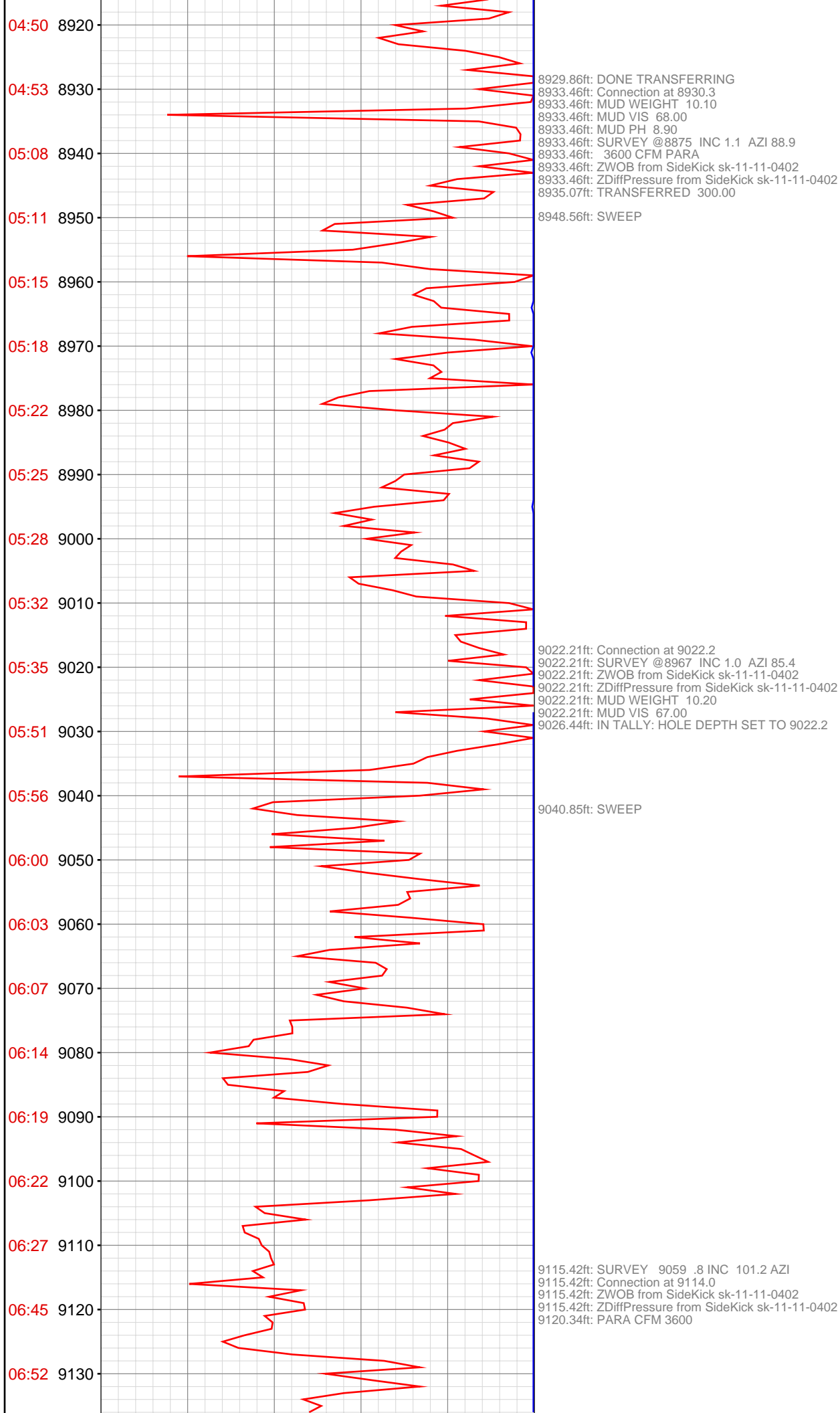
02:05 8670

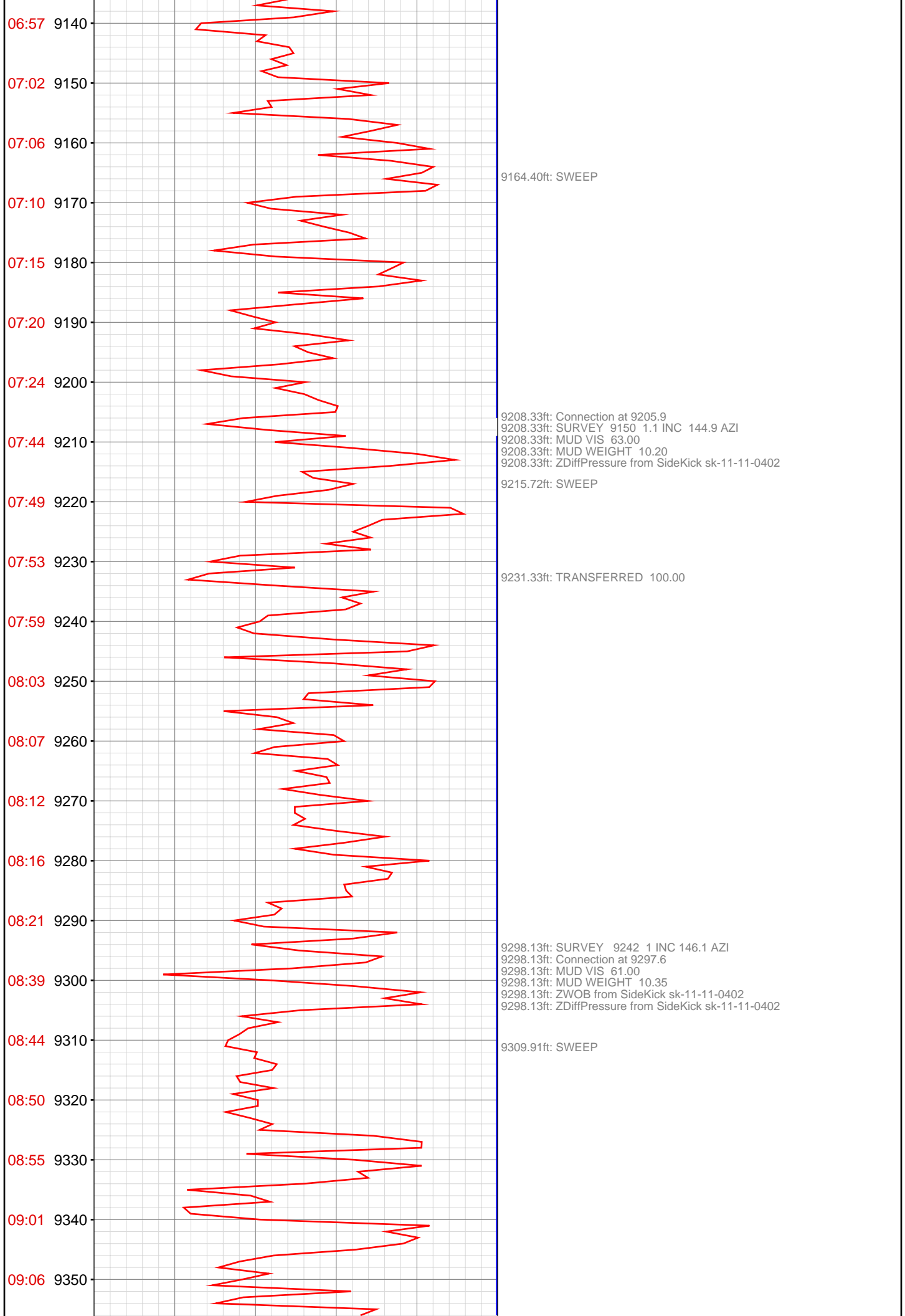
8673.26ft: ZWOB from SideKick sk-11-11-0402
8673.26ft: ZDiffPressure from SideKick sk-11-11-0402

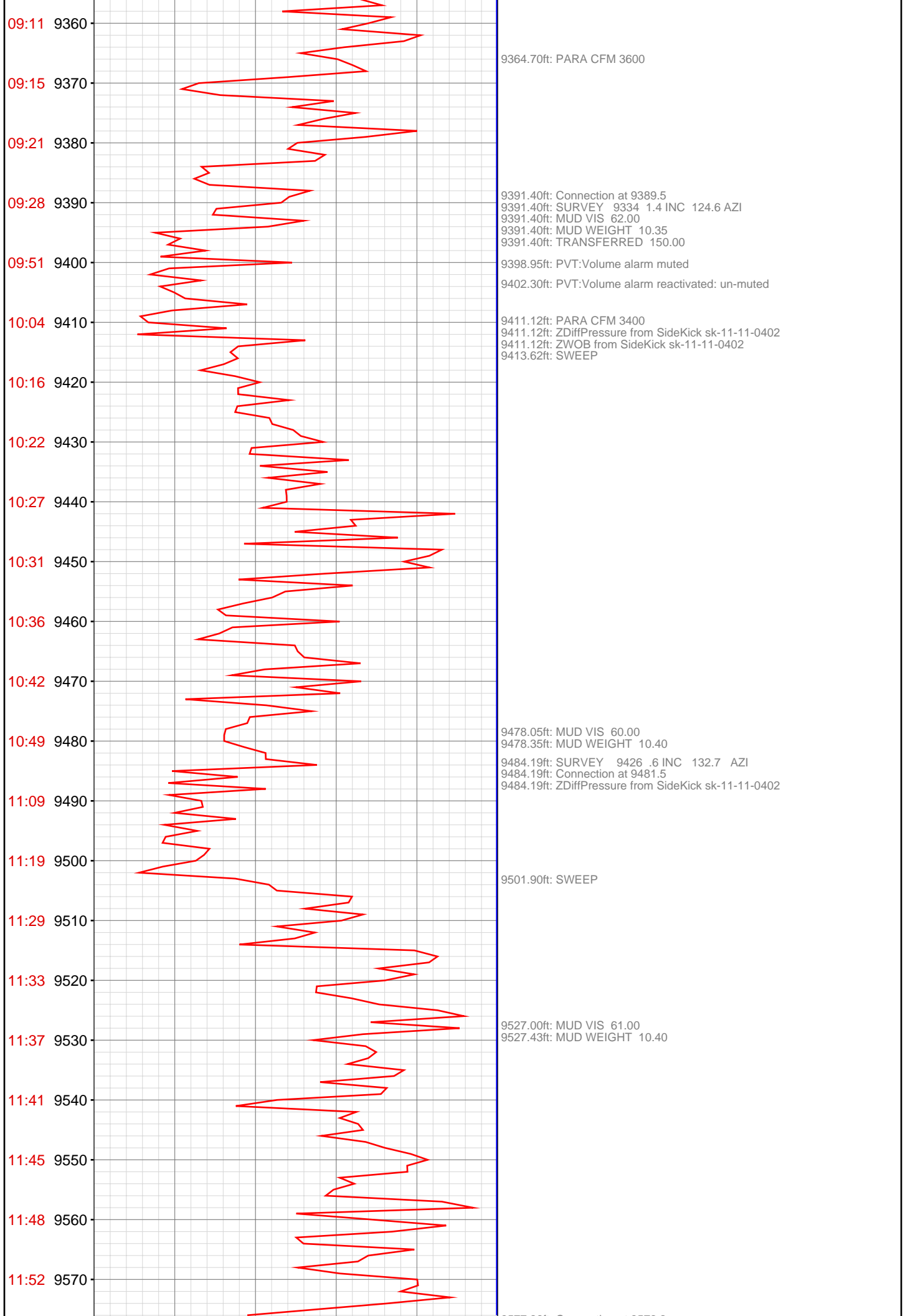
02:14 8680

02:18 8690









9577.36ft: Connection at 9573.3
9577.36ft: SURVEY 9518 1.0 INC 245.4 AZI
9577.36ft: PARA CFM 3400

9585.07ft: SWEEP

9598.82ft: PARA CFM 3600

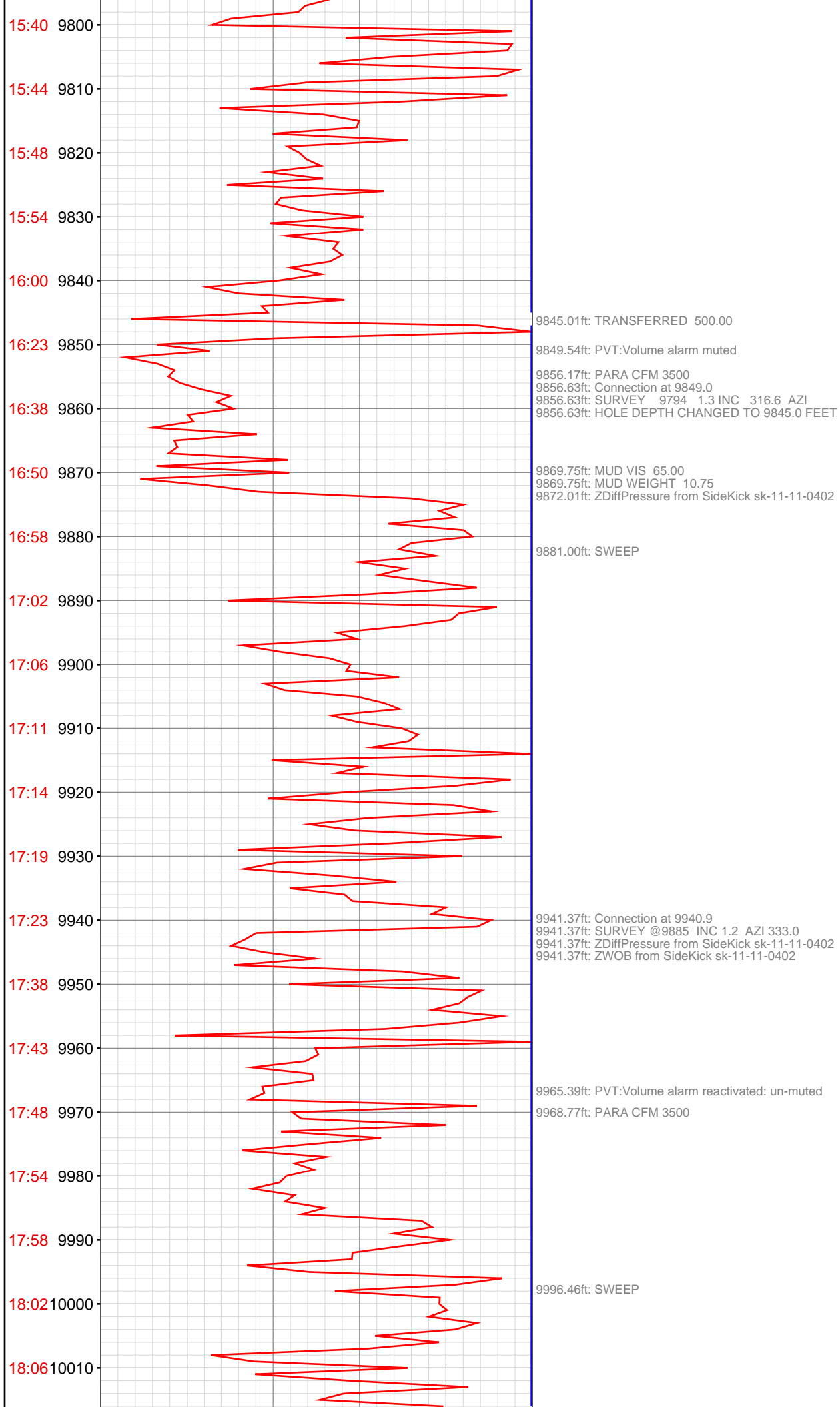
9670.57ft: Connection at 9665.3 SURVEY 9610 1.5 INC 214.1 AZI
9670.57ft: ZDiffPressure from SideKick sk-11-11-0402

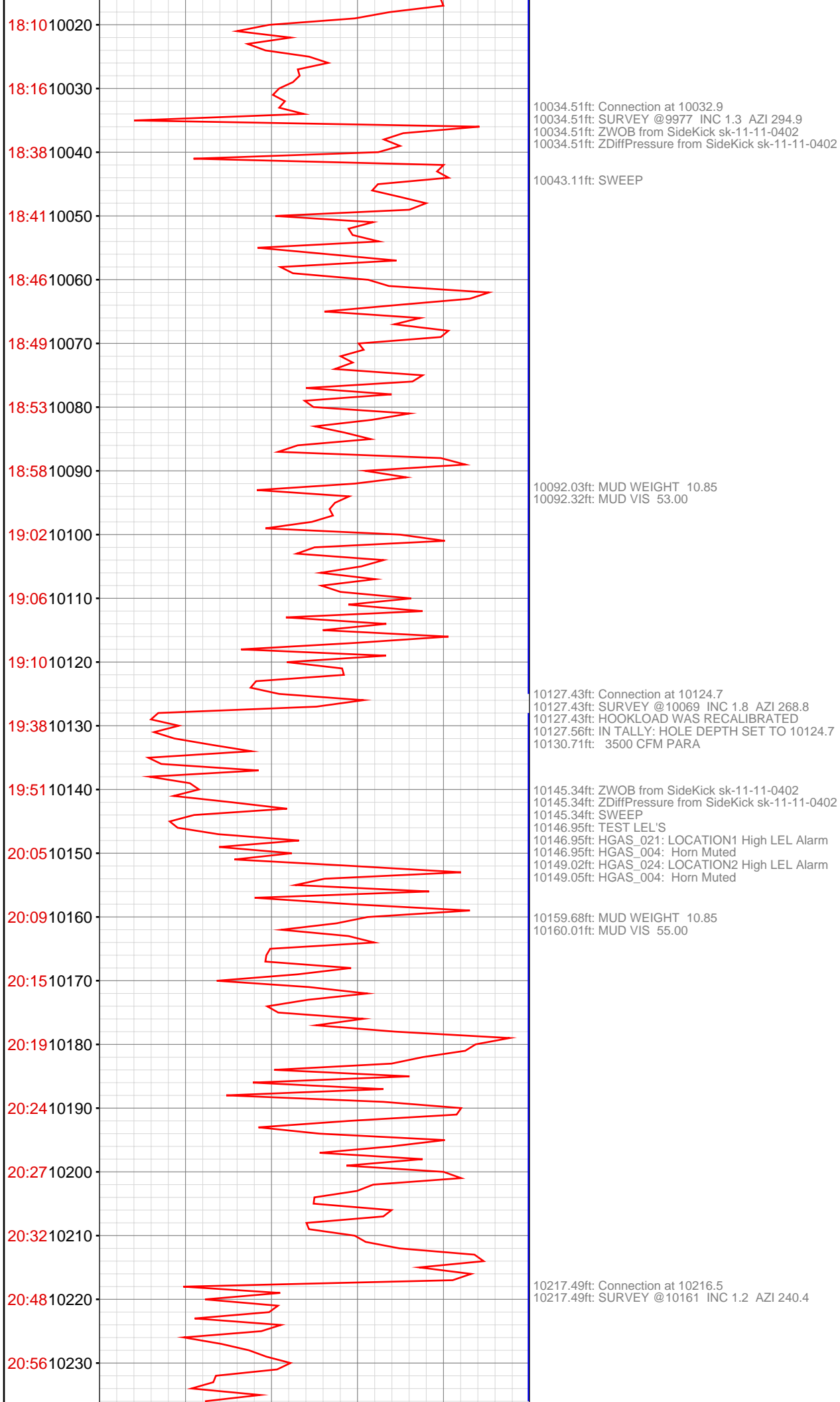
9692.85ft: MUD VIS 60.00
9692.85ft: MUD WEIGHT 10.50
9694.06ft: ZDiffPressure from SideKick sk-11-11-0402

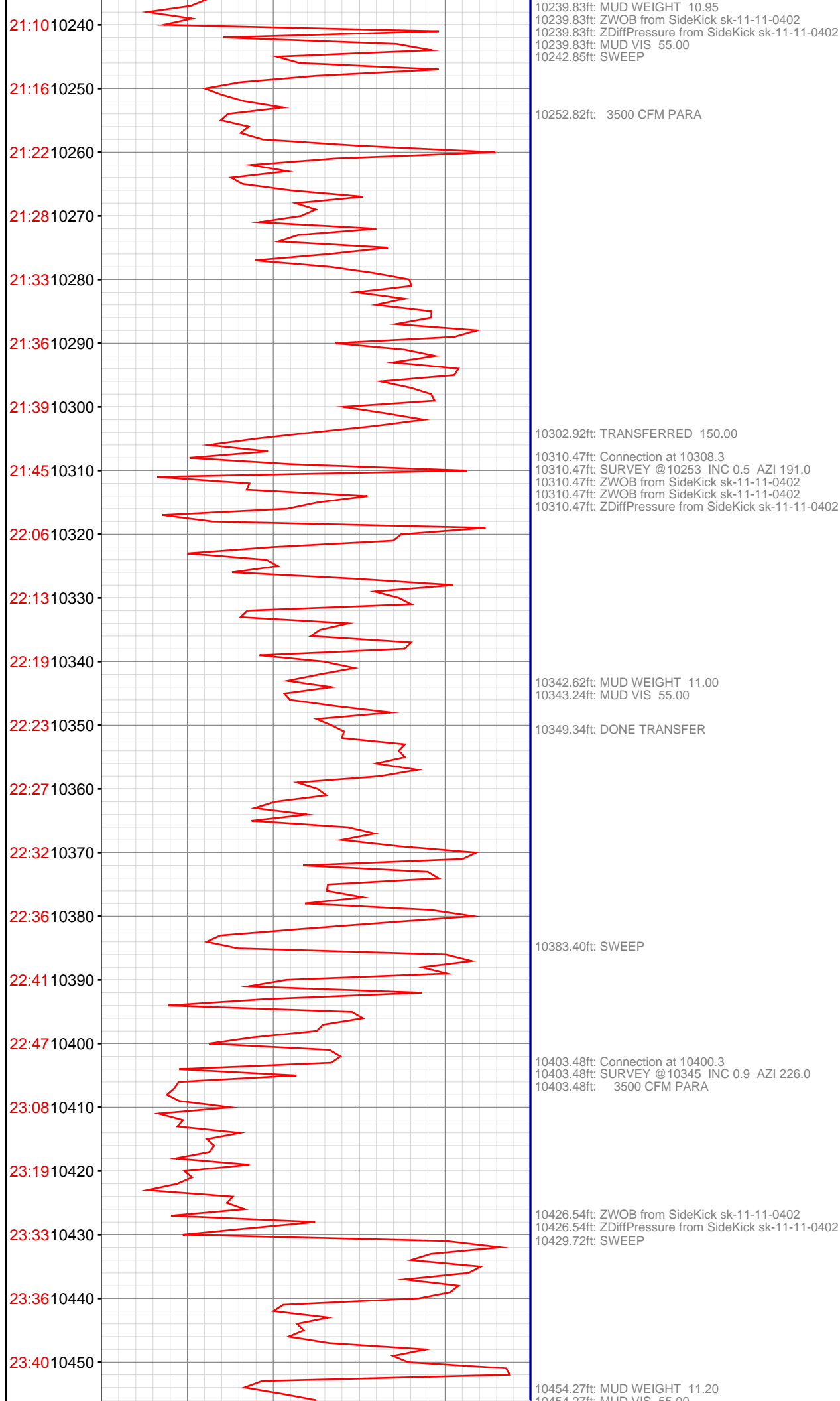
9705.22ft: SWEEP

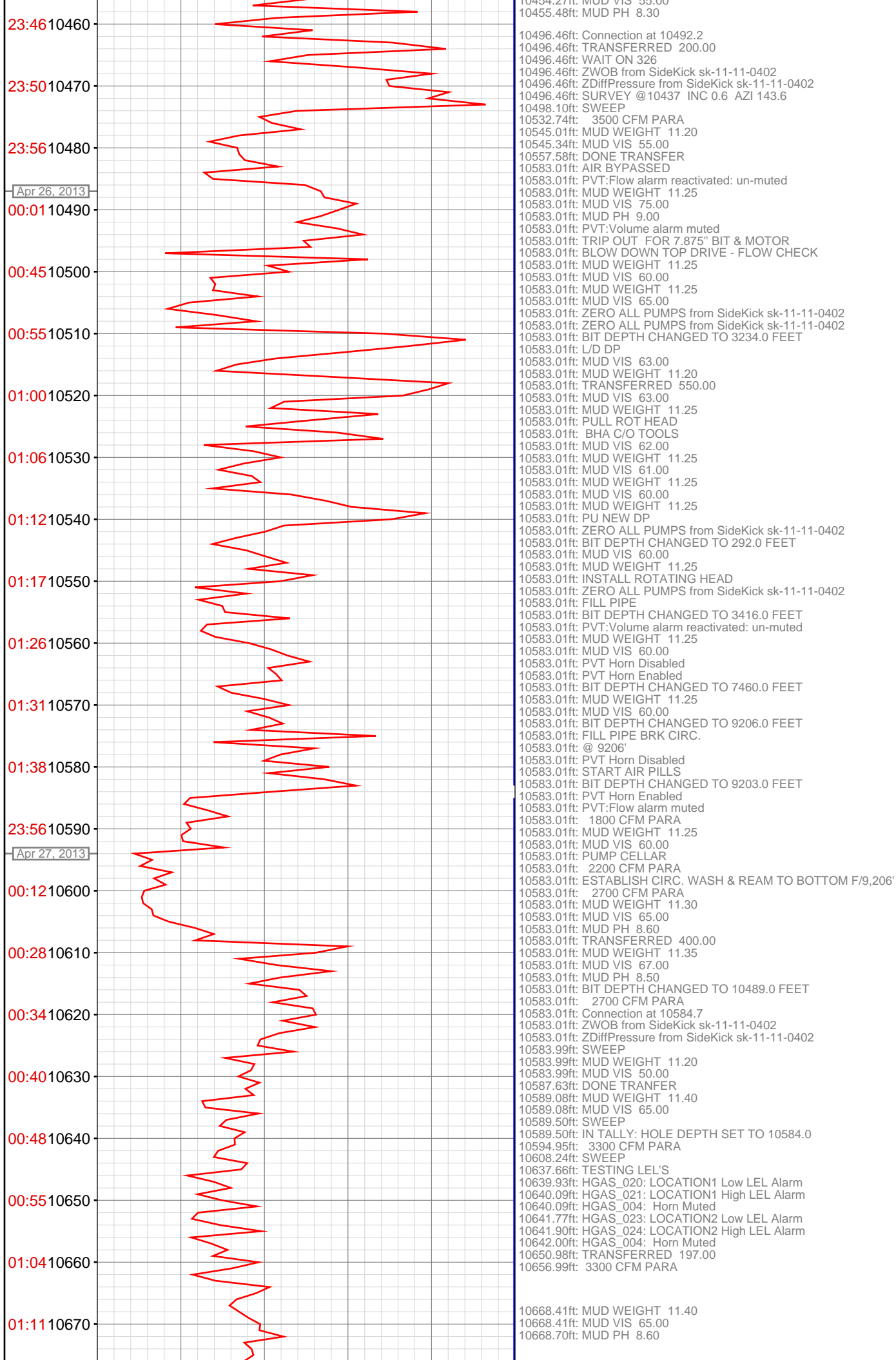
9763.48ft: RIG SERVICE
9763.48ft: PARA CFM 3600
9763.48ft: SURVEY 9702 1.3 INC 273.4 AZI
9763.48ft: Connection at 9757.3
9766.67ft: MUD VIS 61.00
9766.96ft: MUD WEIGHT 10.60

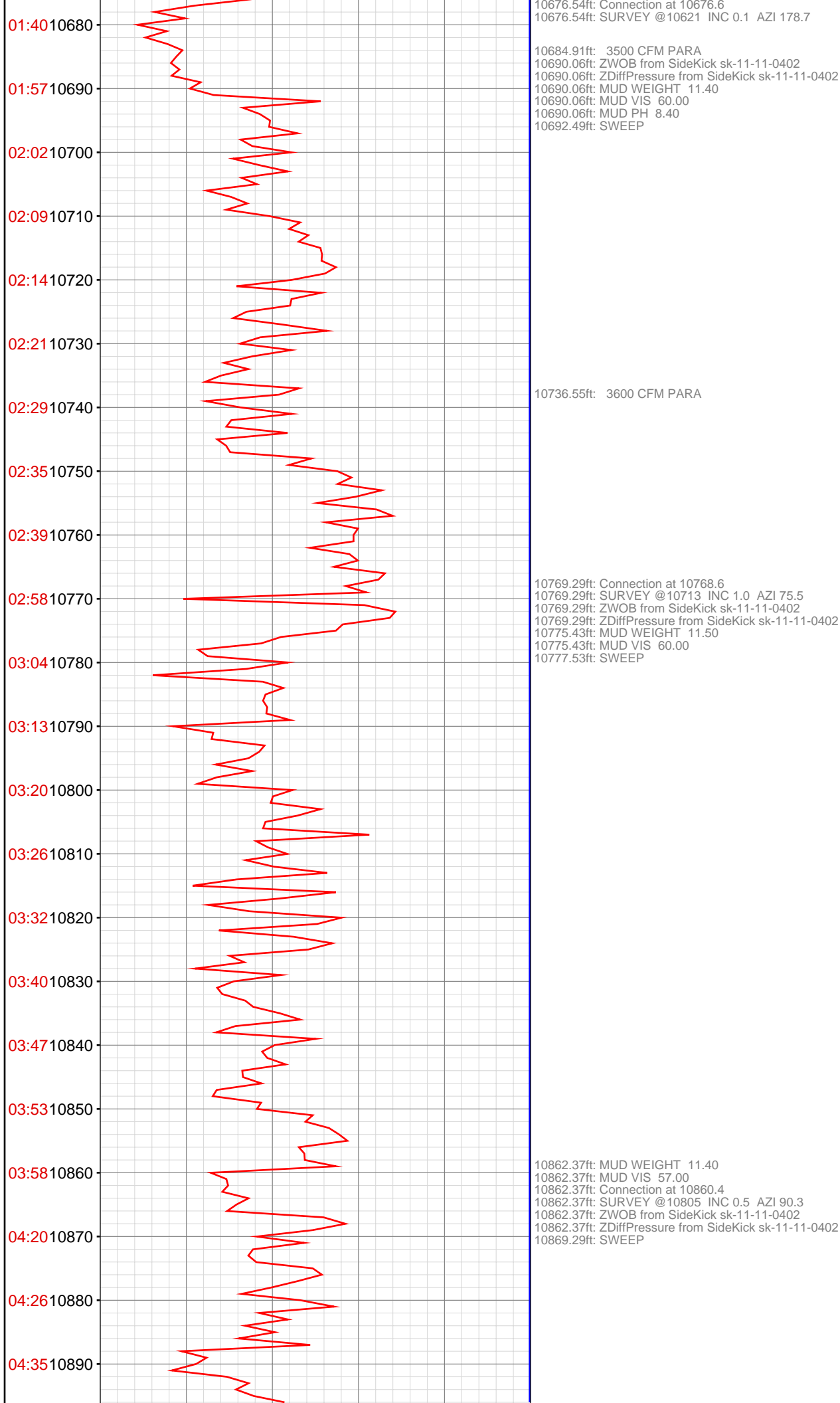
9781.17ft: SWEEP

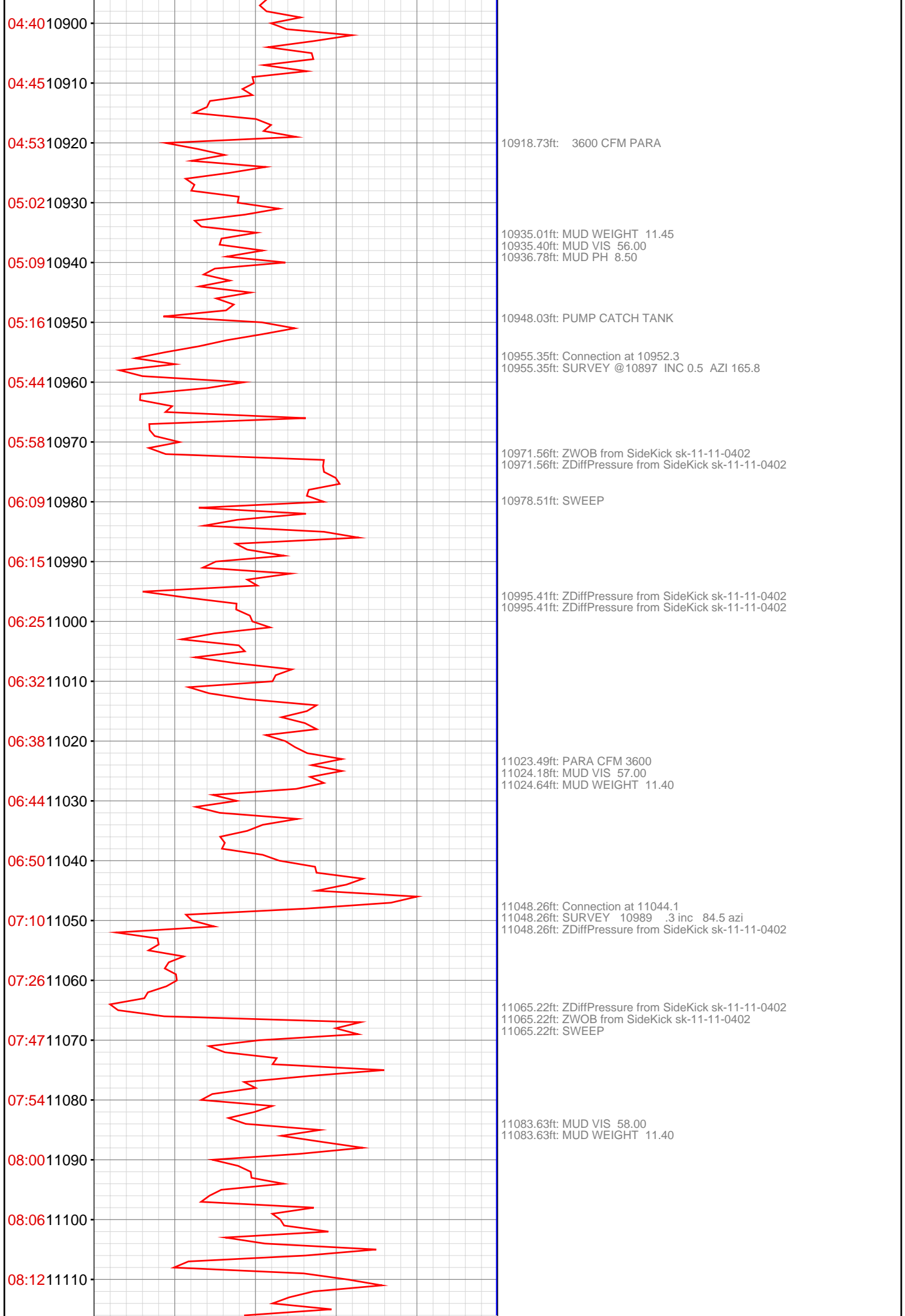


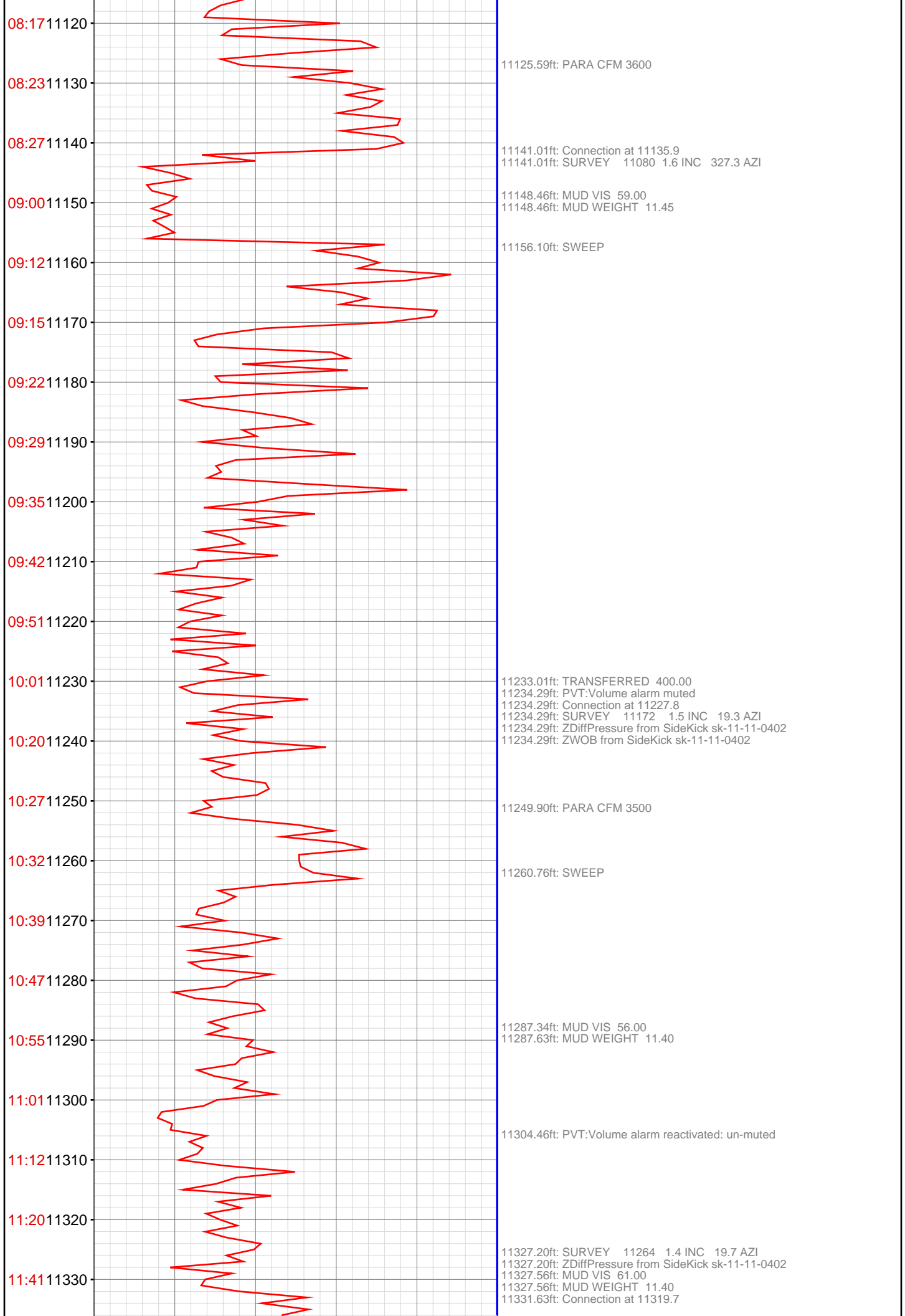


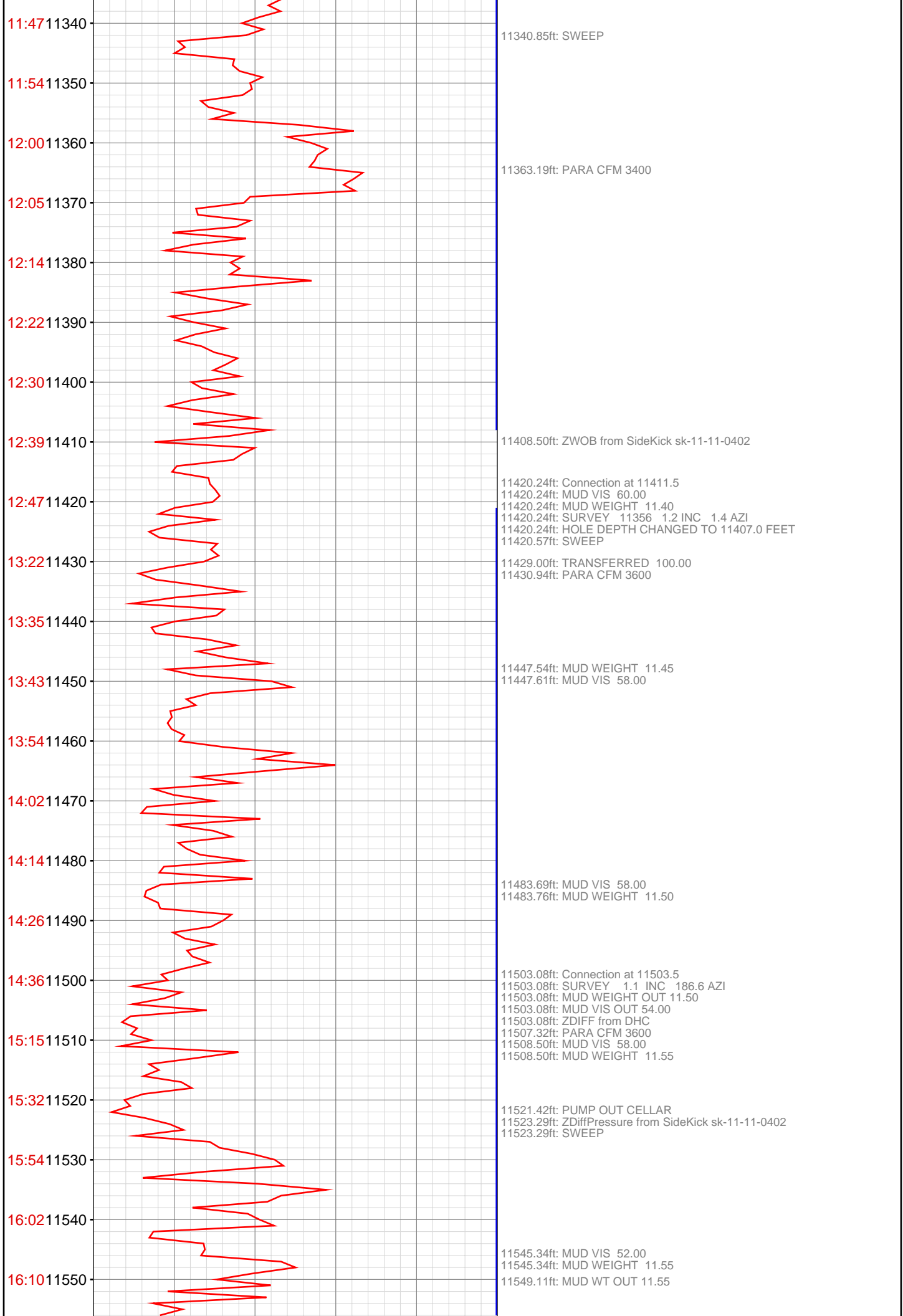


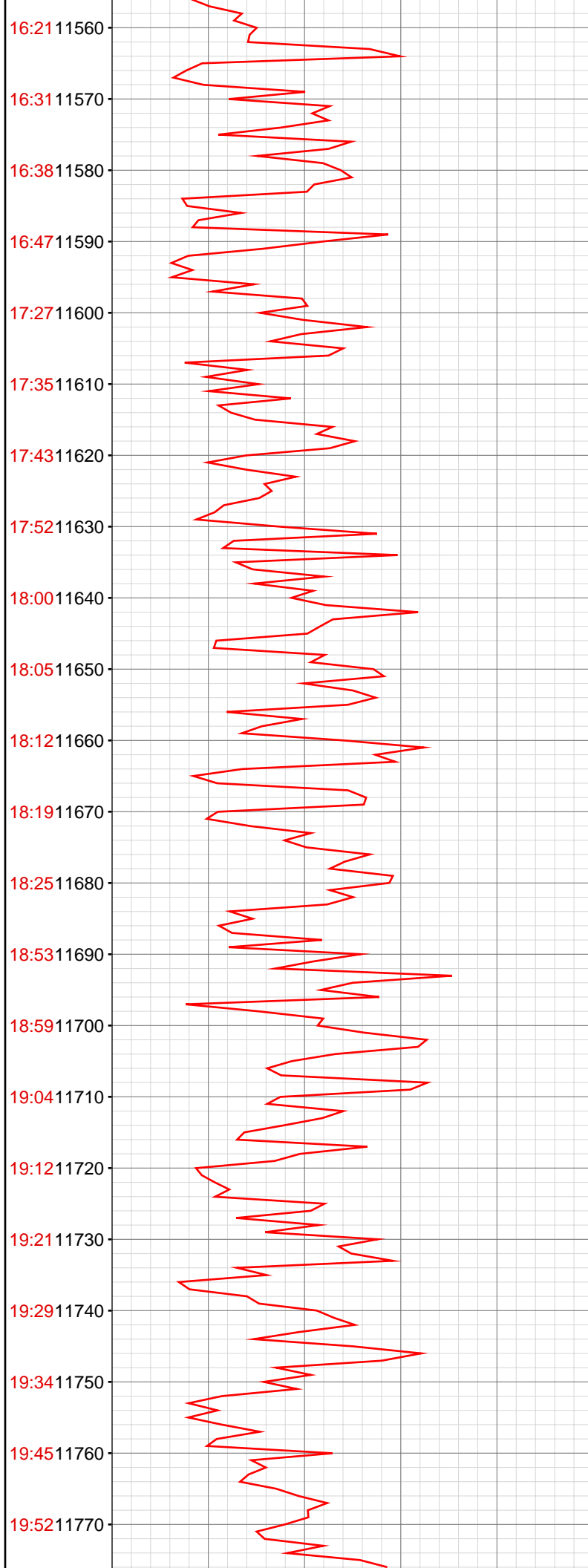












11588.81ft: MUD VIS 54.00
11588.81ft: MUD WEIGHT 11.55
11596.36ft: RIG SERVICE
11596.36ft: RIG SERVICE
11596.36ft: SURVEY 11540 1.3 INC 2.7 AZI
11596.36ft: Connection at 11595.3
11596.36ft: ZDiffPressure from SideKick sk-11-11-0402
11596.36ft: ZWOB from SideKick sk-11-11-0402
11596.36ft: PARA CFM 3600 SWEEP
11597.05ft: GA - Manual purge

11623.69ft: MUD VIS 55.00
11623.69ft: MUD WEIGHT 11.55

11652.30ft: PUMP CATCH TANK

11683.07ft: DONE PUMPING CATCH TANK
11688.22ft: Connection at 11687.4
11688.22ft: SURVEY @11632 INC 0.9 AZI 2.0
11688.22ft: ZWOB from SideKick sk-11-11-0402
11688.22ft: ZDiffPressure from SideKick sk-11-11-0402
11691.54ft: MUD WEIGHT 11.60
11692.42ft: MUD VIS 55.00
11695.77ft: SWEEP

11739.83ft: 3600 CFM PARA

