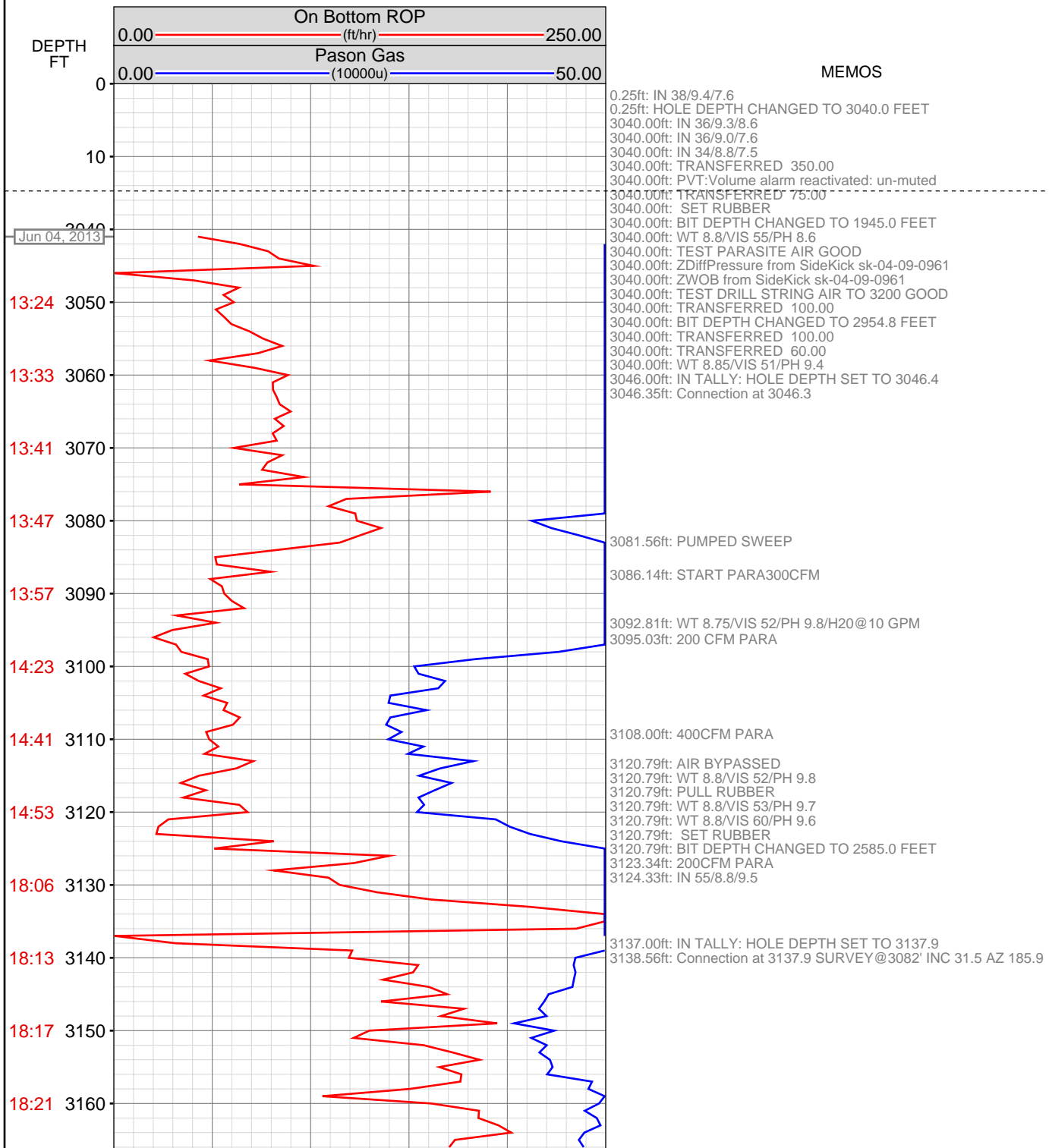
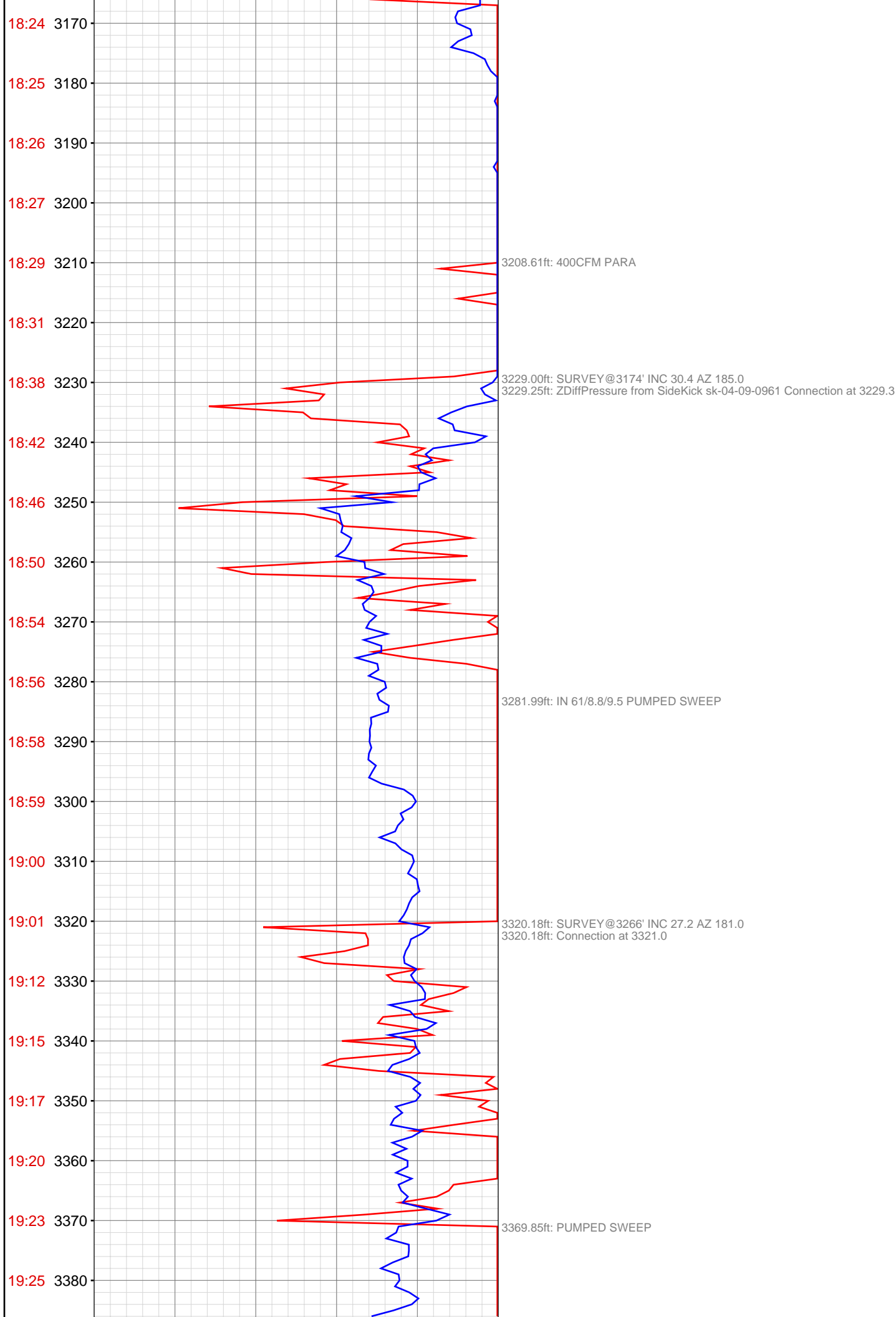
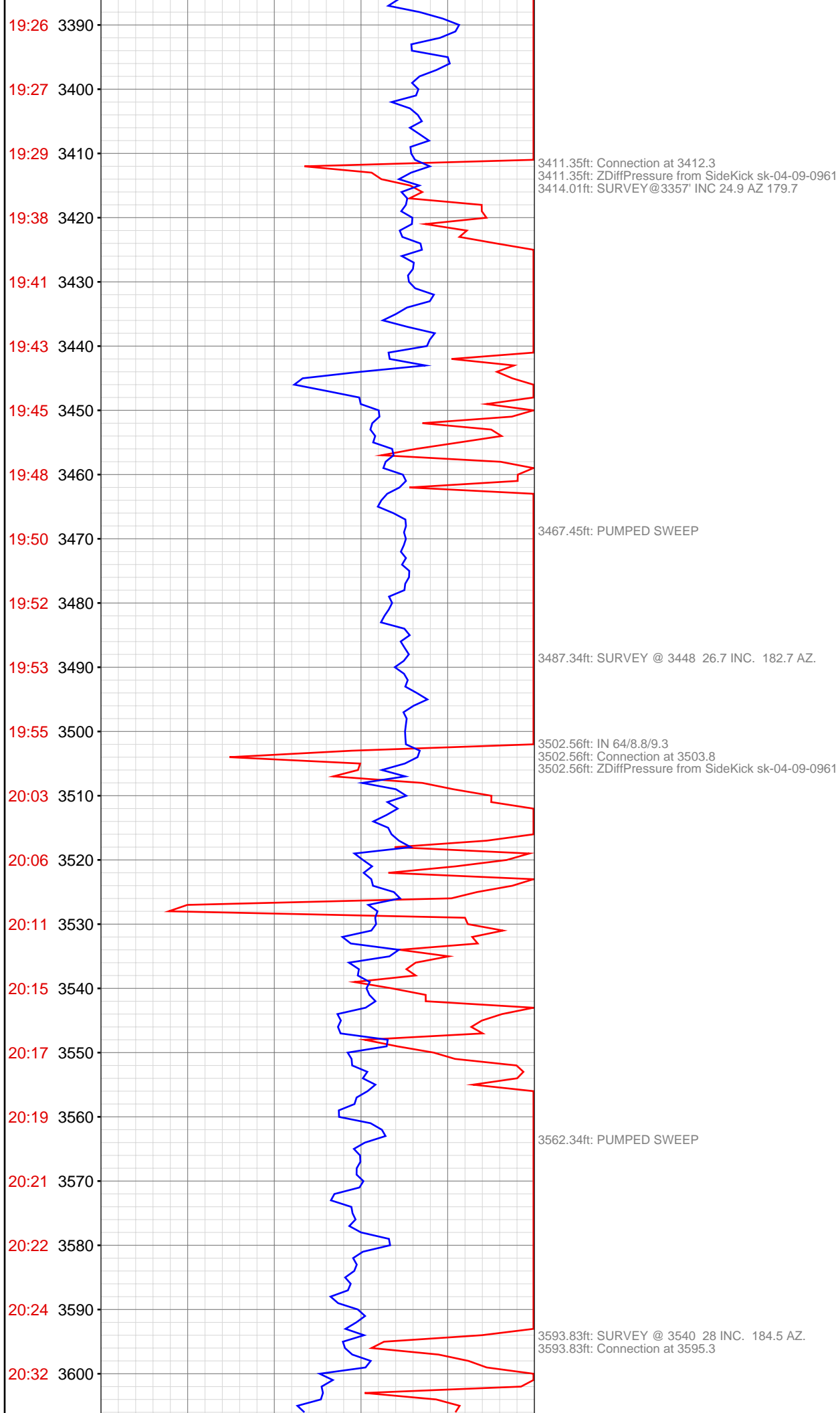


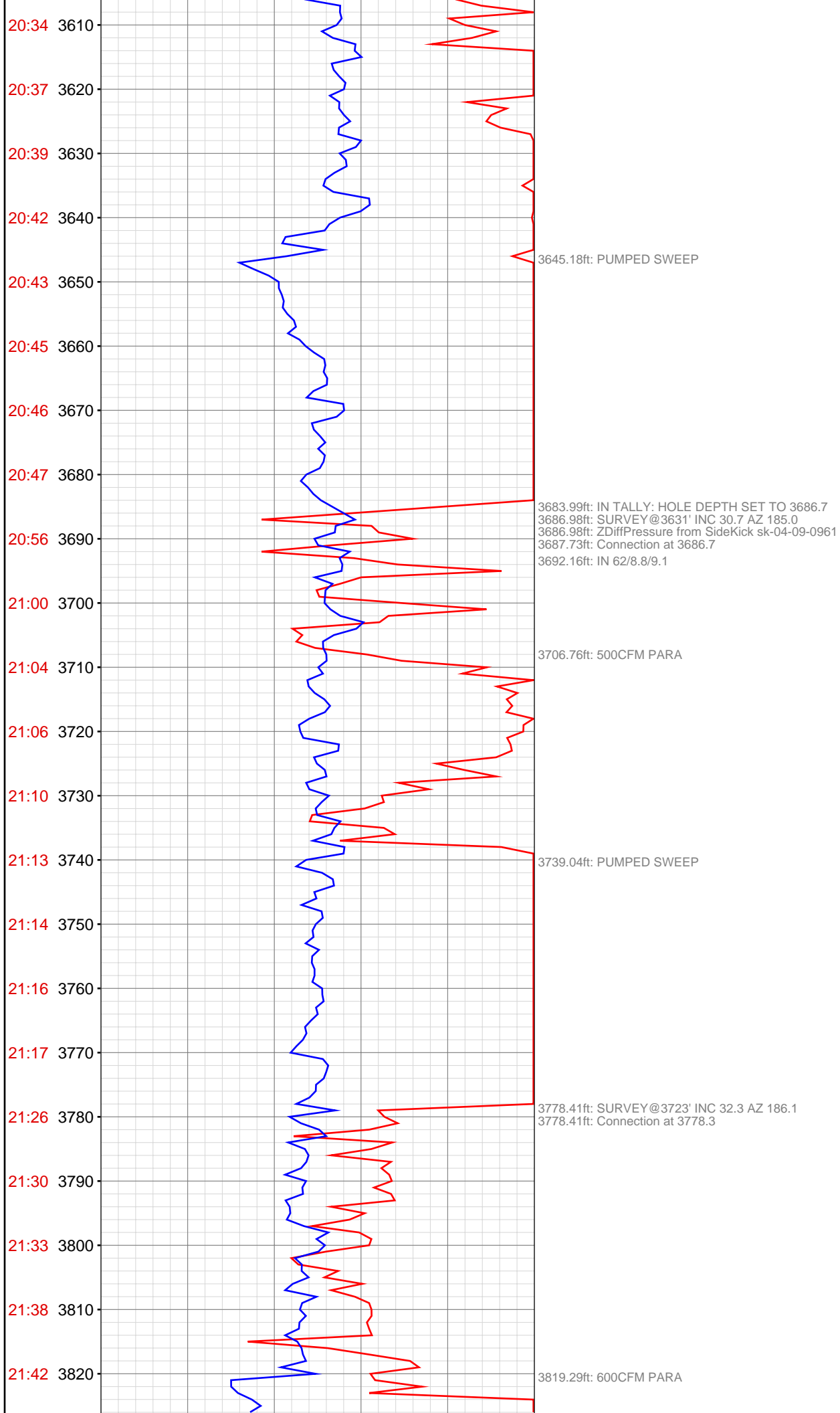
OPERATOR: EnCana Oil & Gas (USA), Inc.
WELL: SG 8513C-36 D36 496
FIELD:
LOCATION: SEC 36 TWP 4S RNG 96W
COUNTRY: USA
RIG: Pat-UTI 326

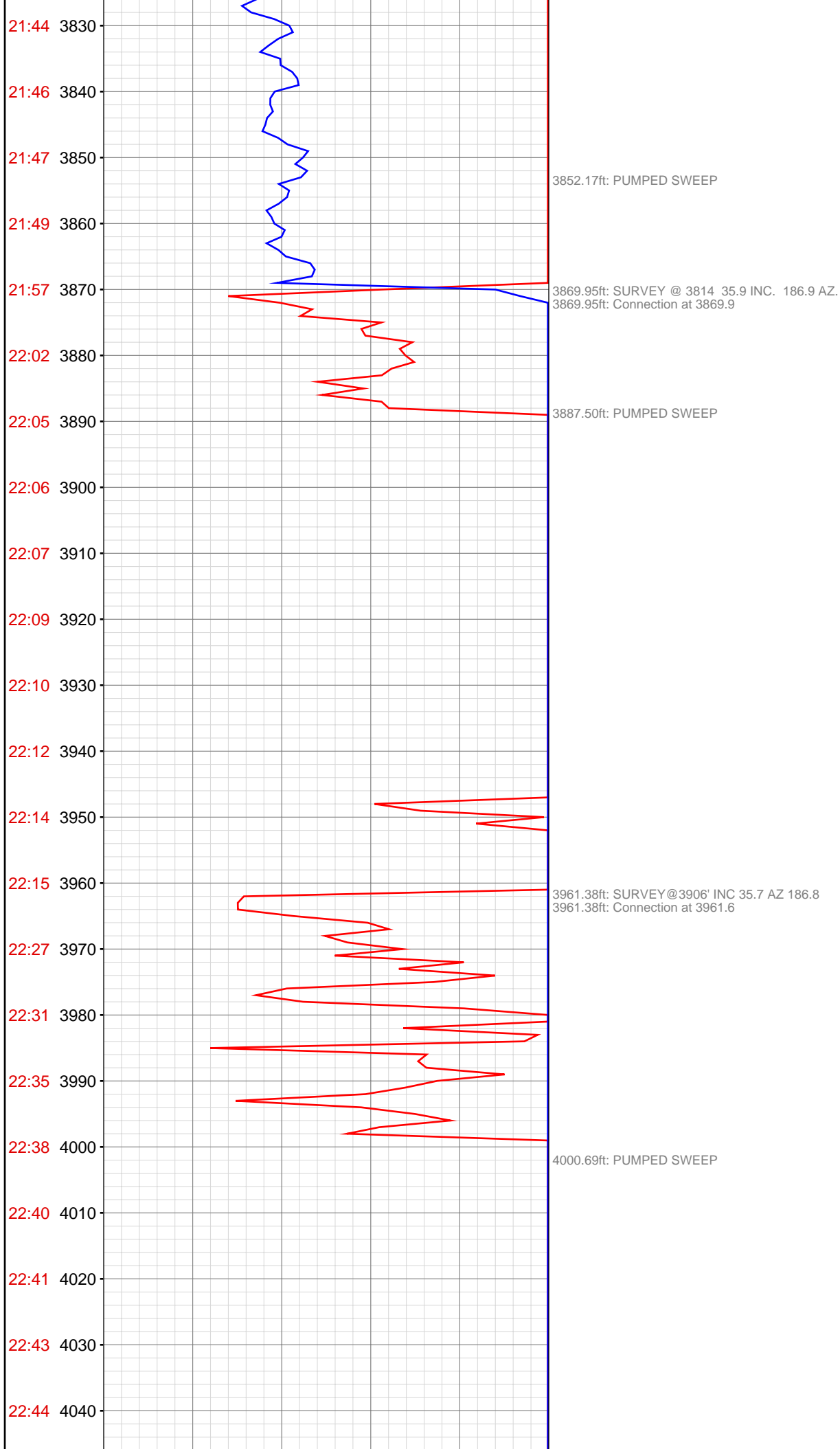
CONTRACTOR: Patterson-UTI Drilling Company
UNIQUE WELL ID: 05-045-20939
SPUD DATE: Jun 04, 2013 13:00
RELEASE DATE: Jun 10, 2013 23:00

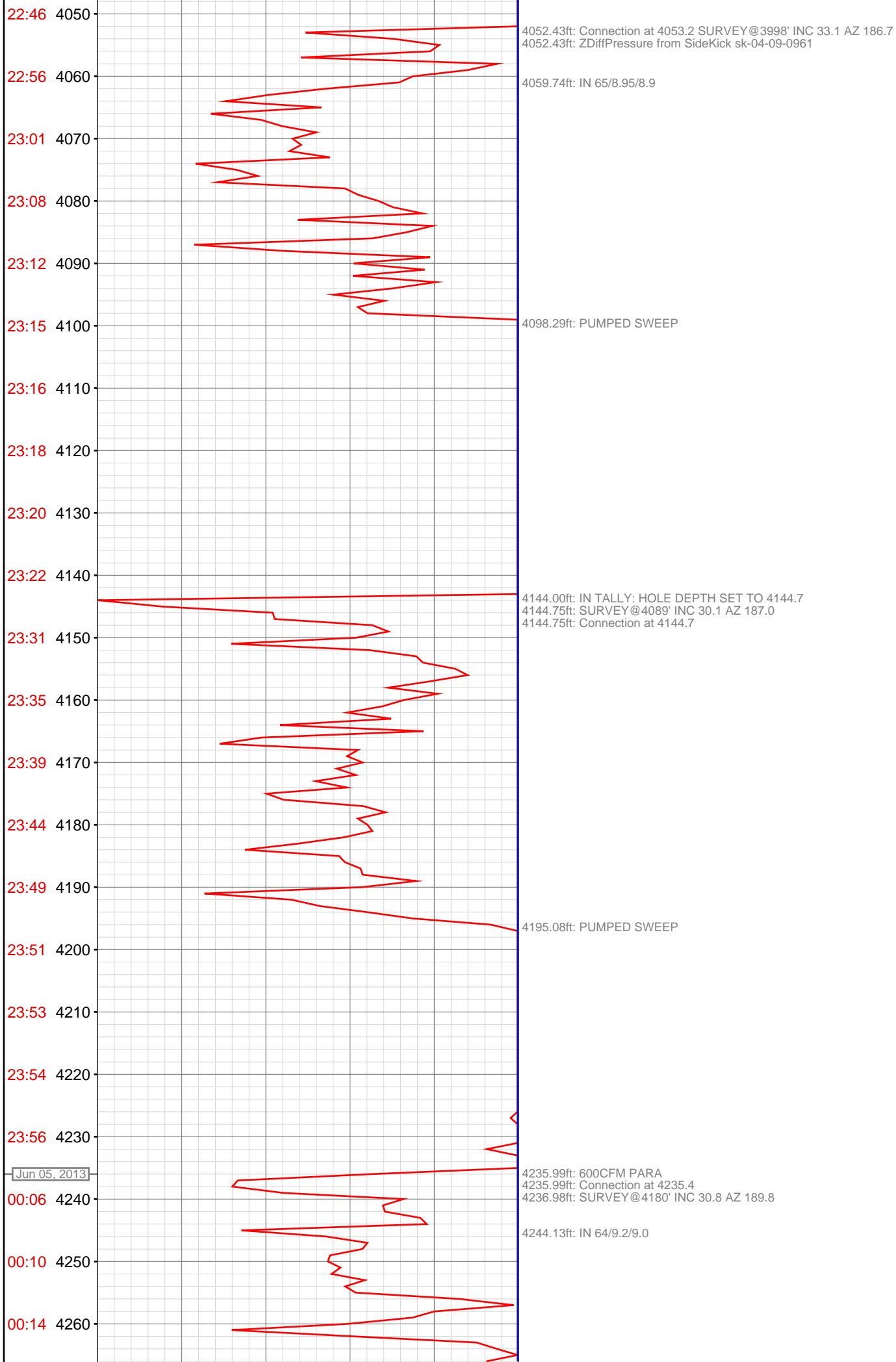


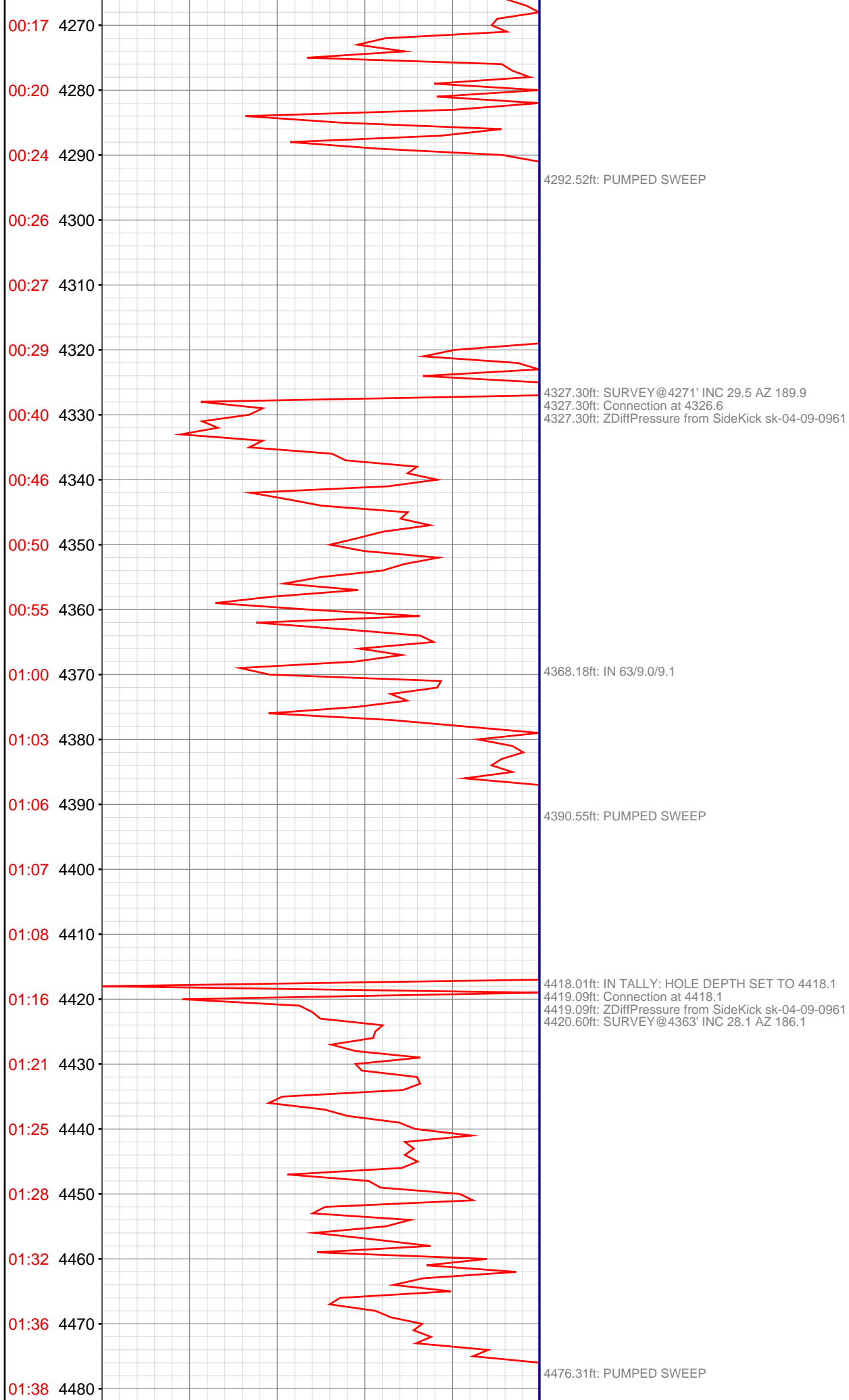


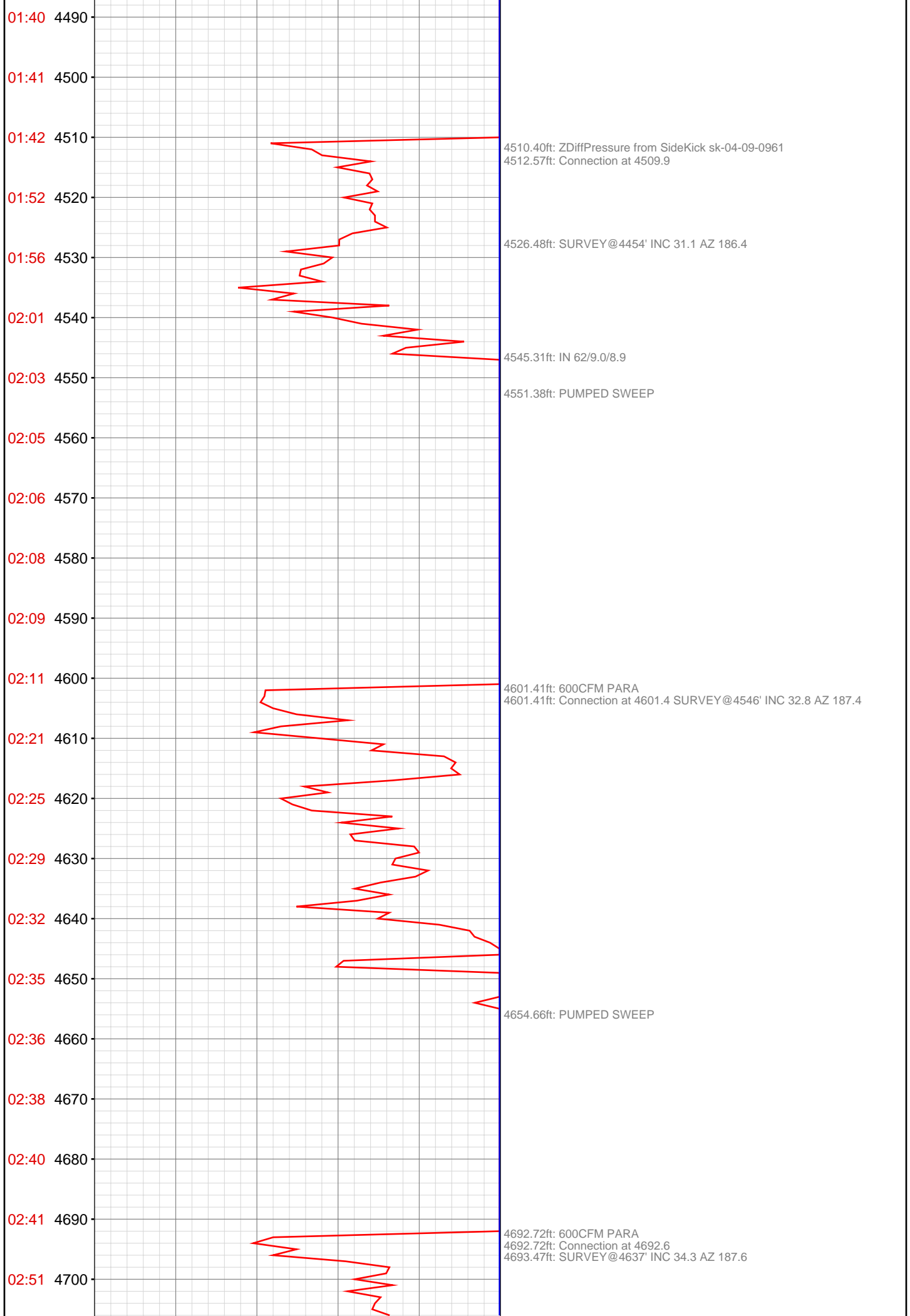


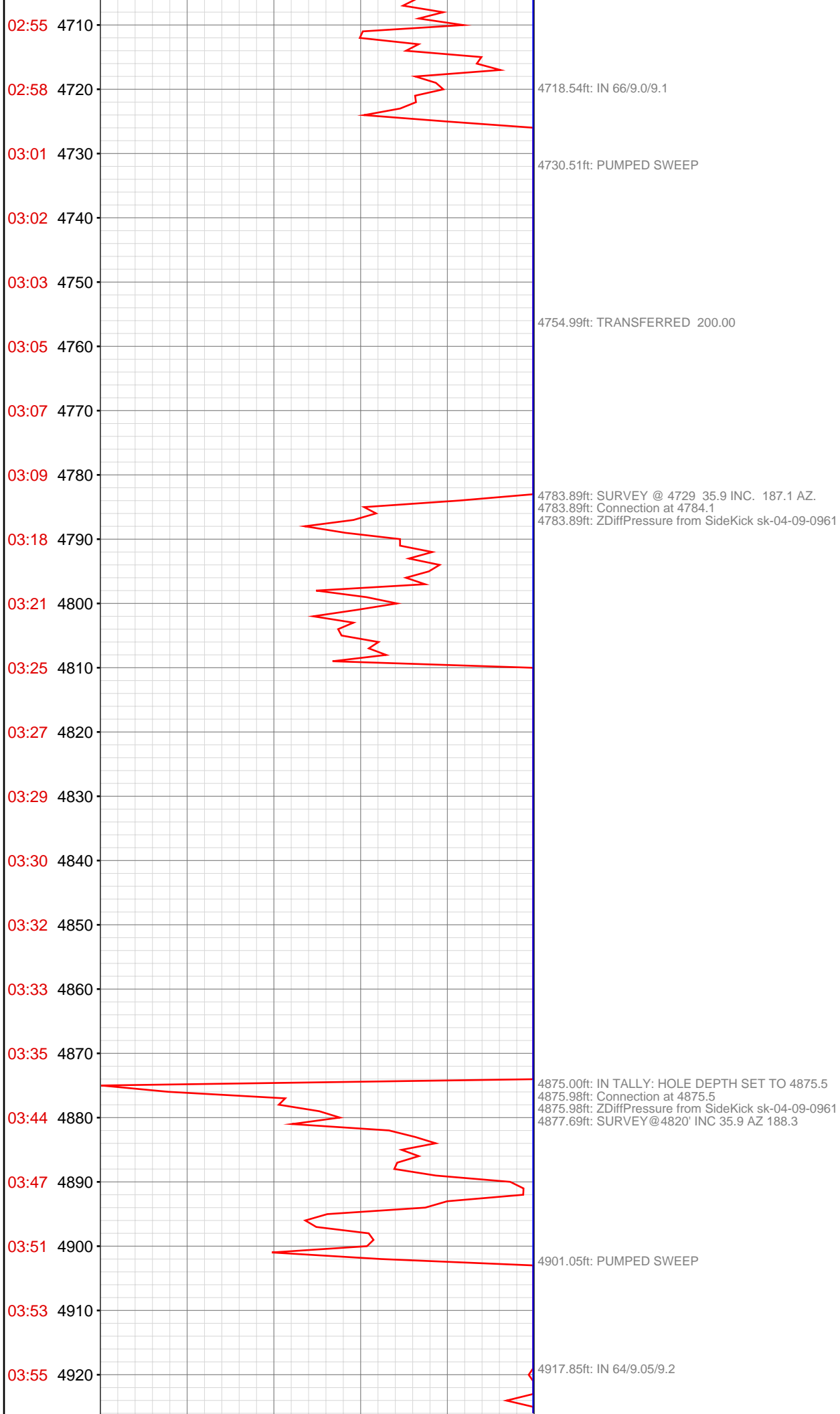


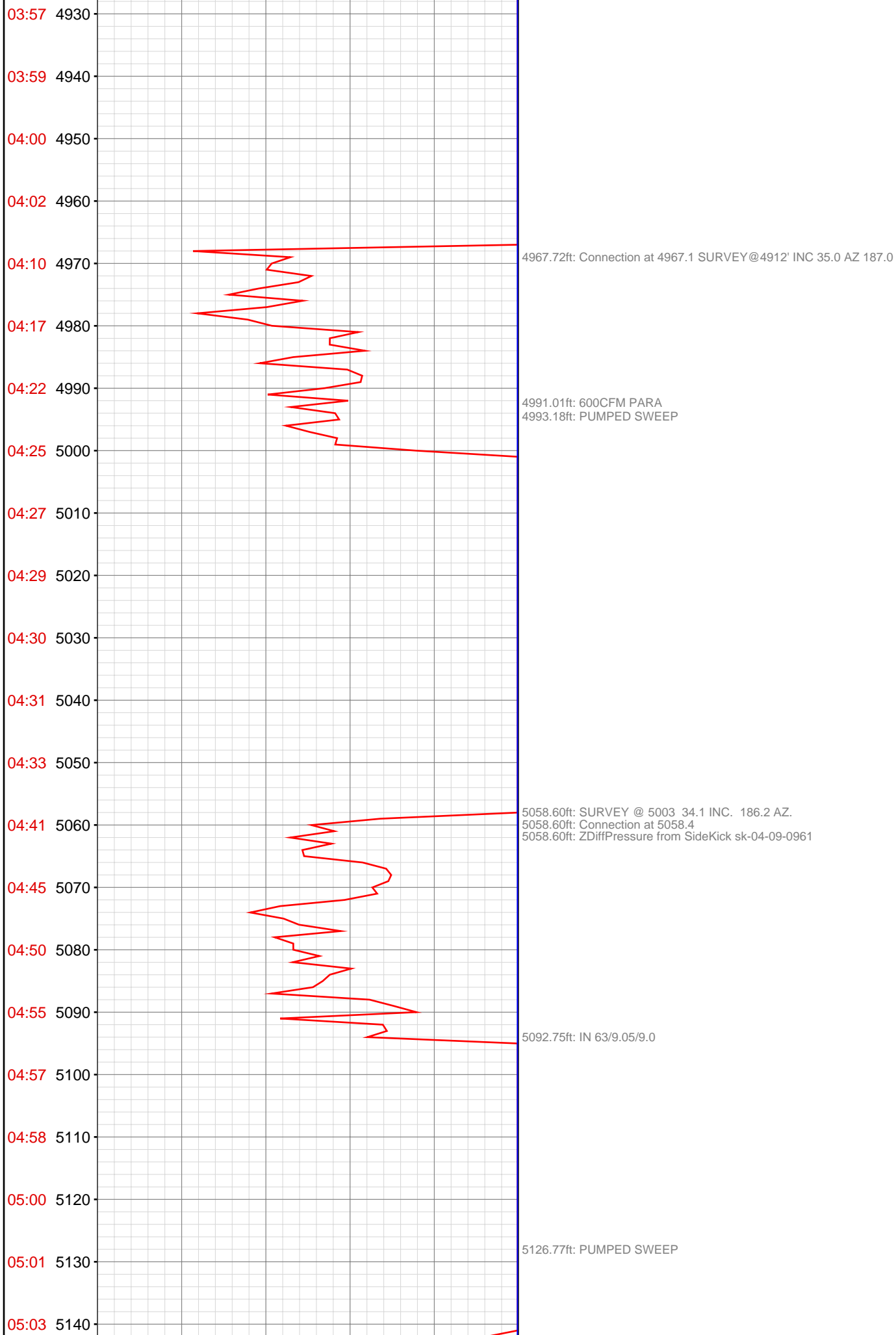


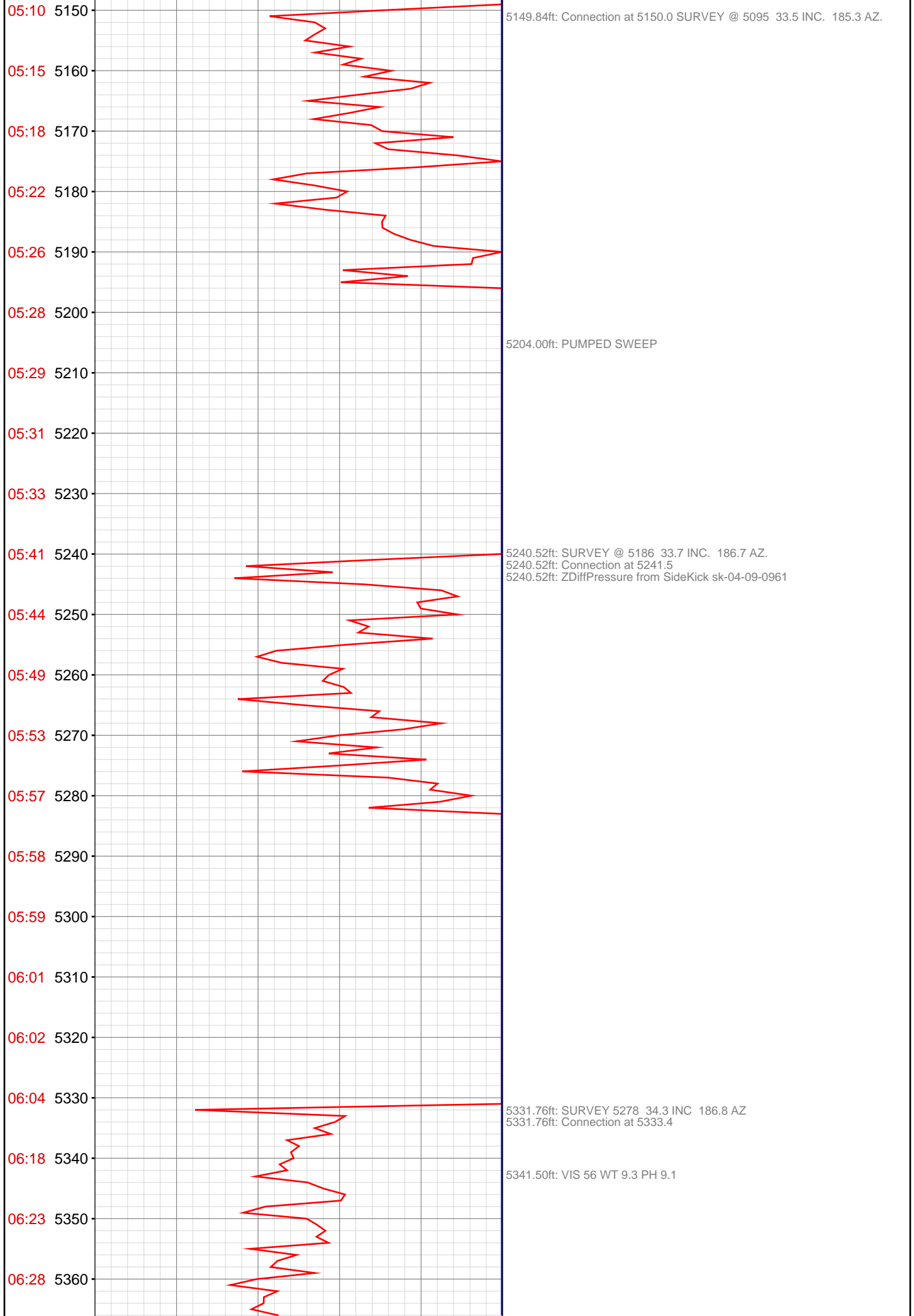


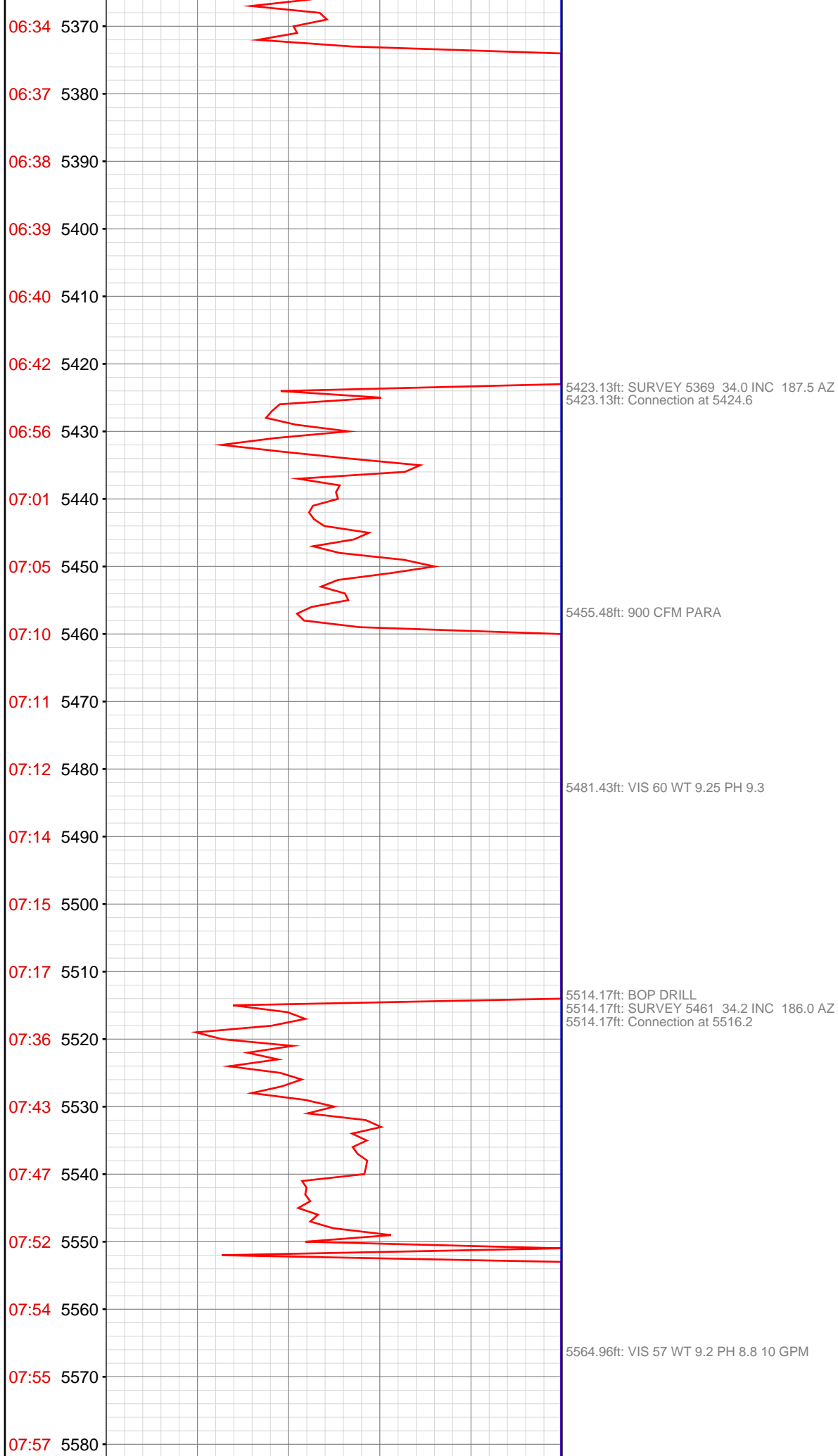


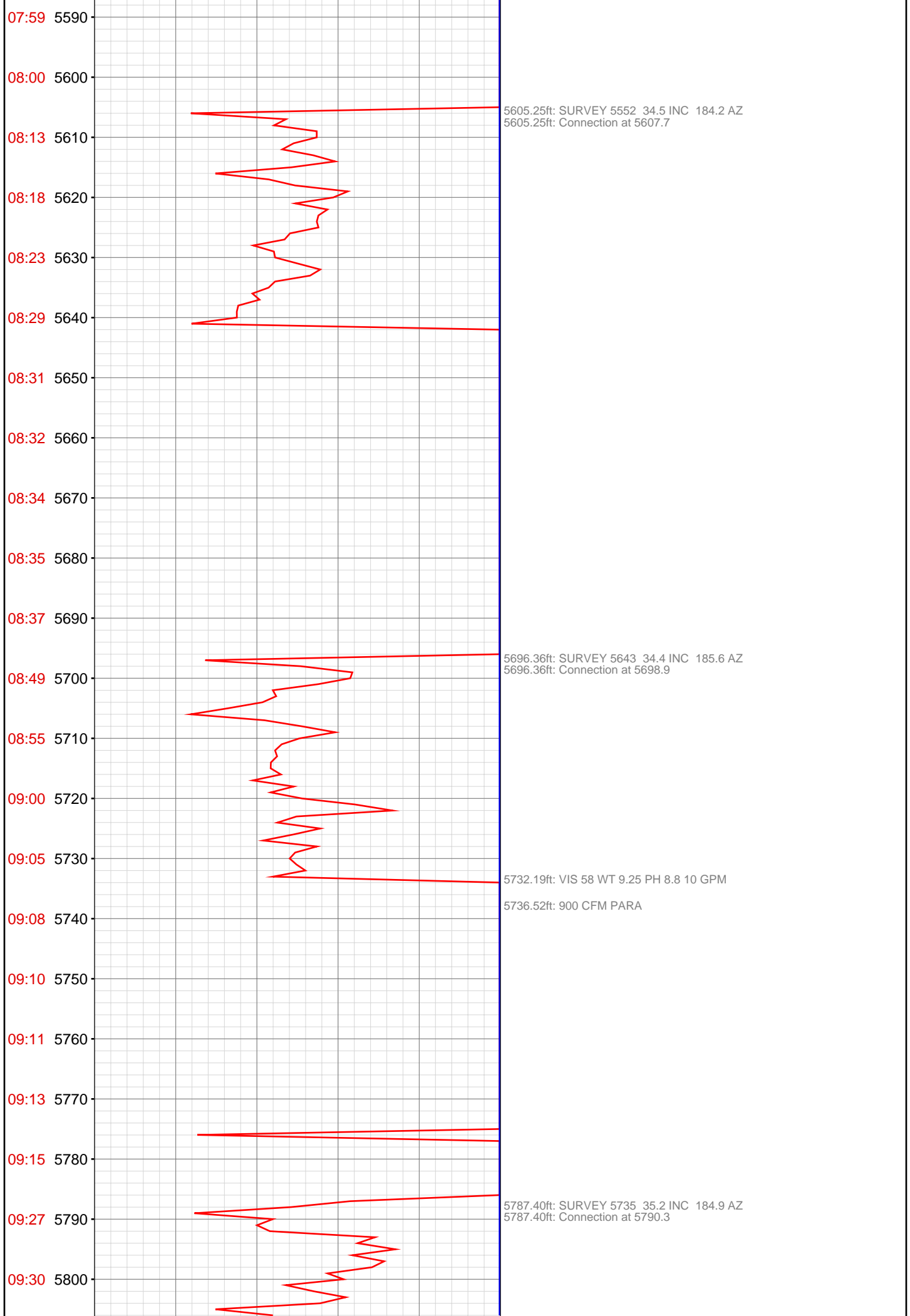


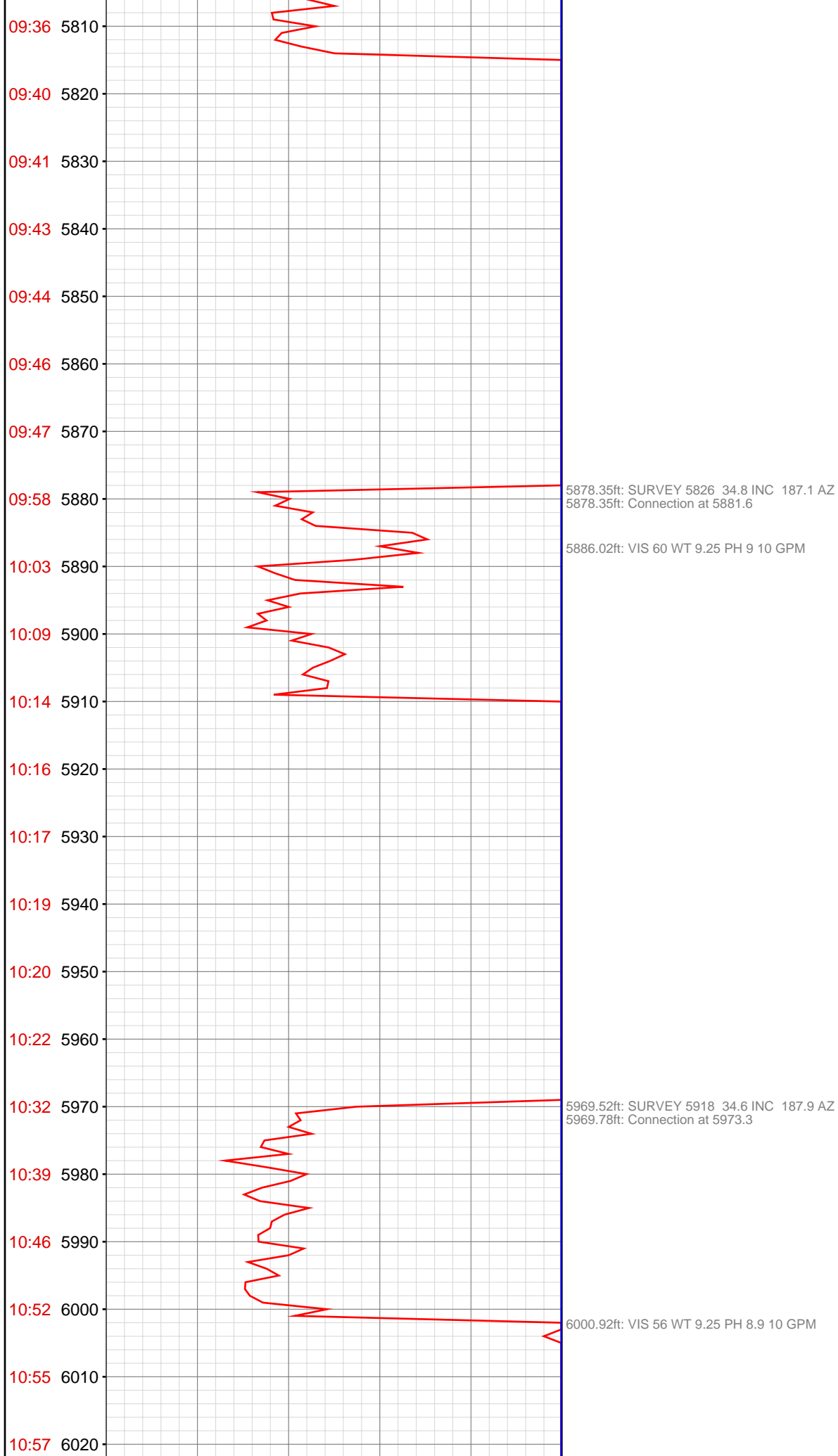


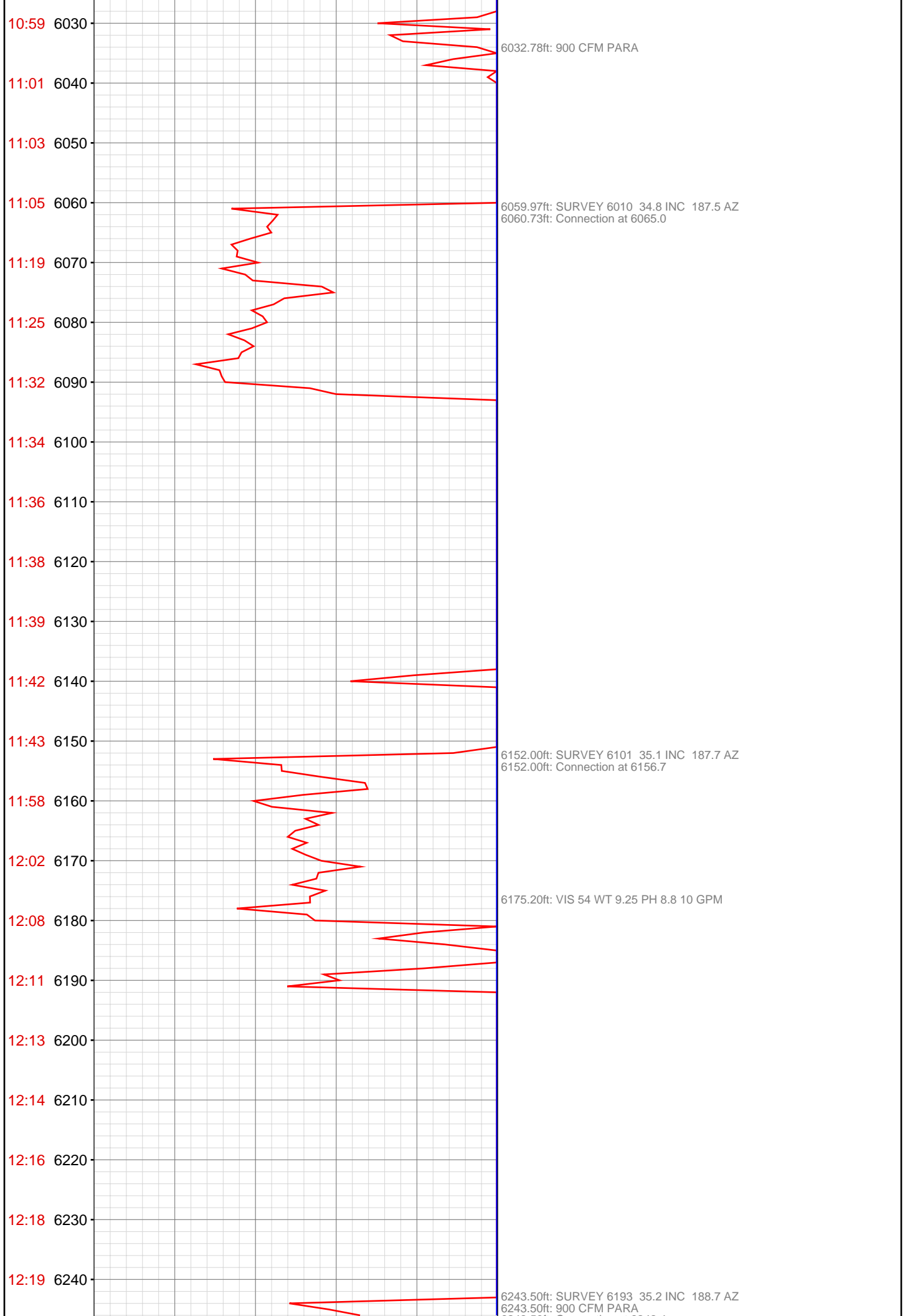










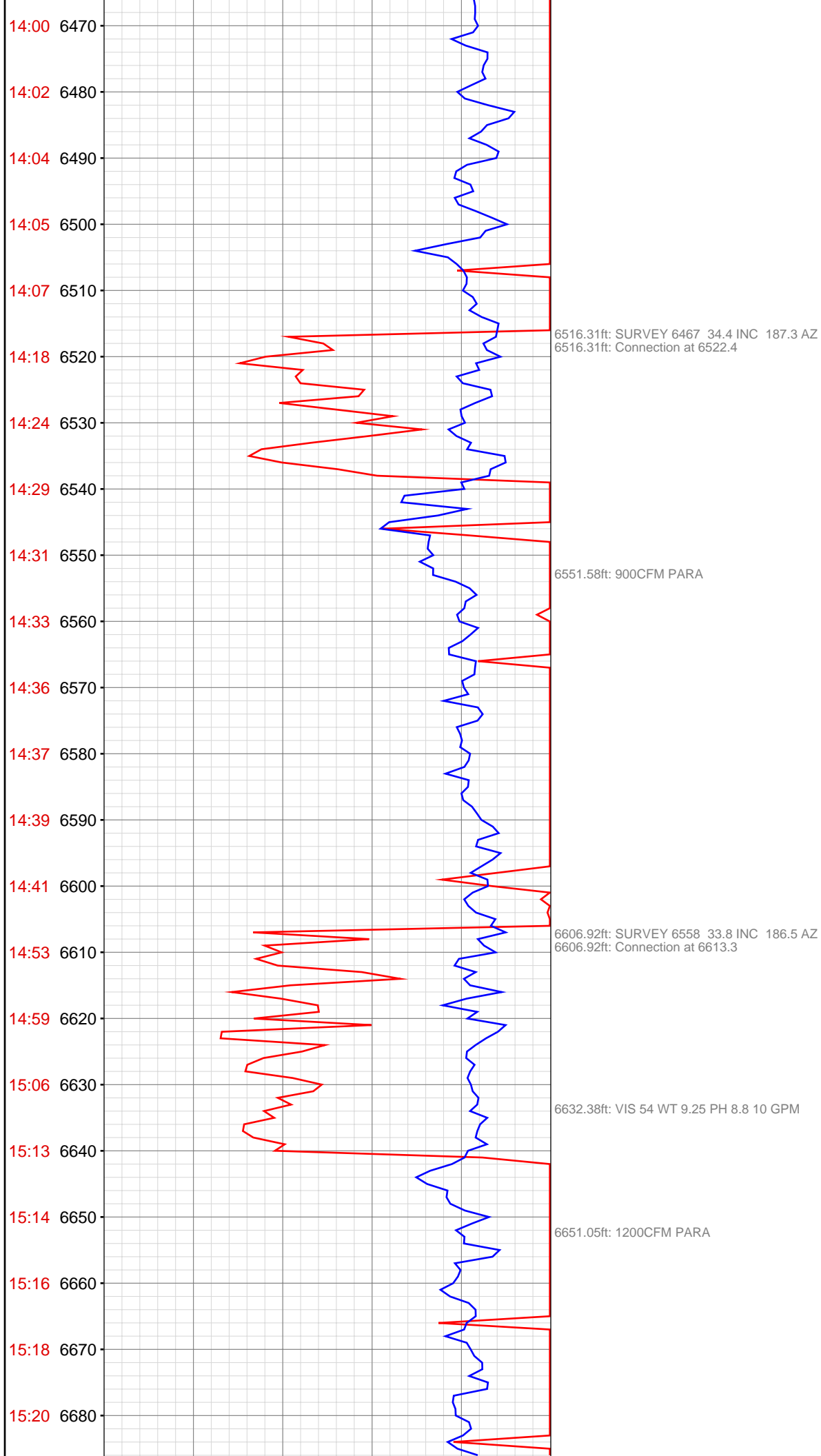


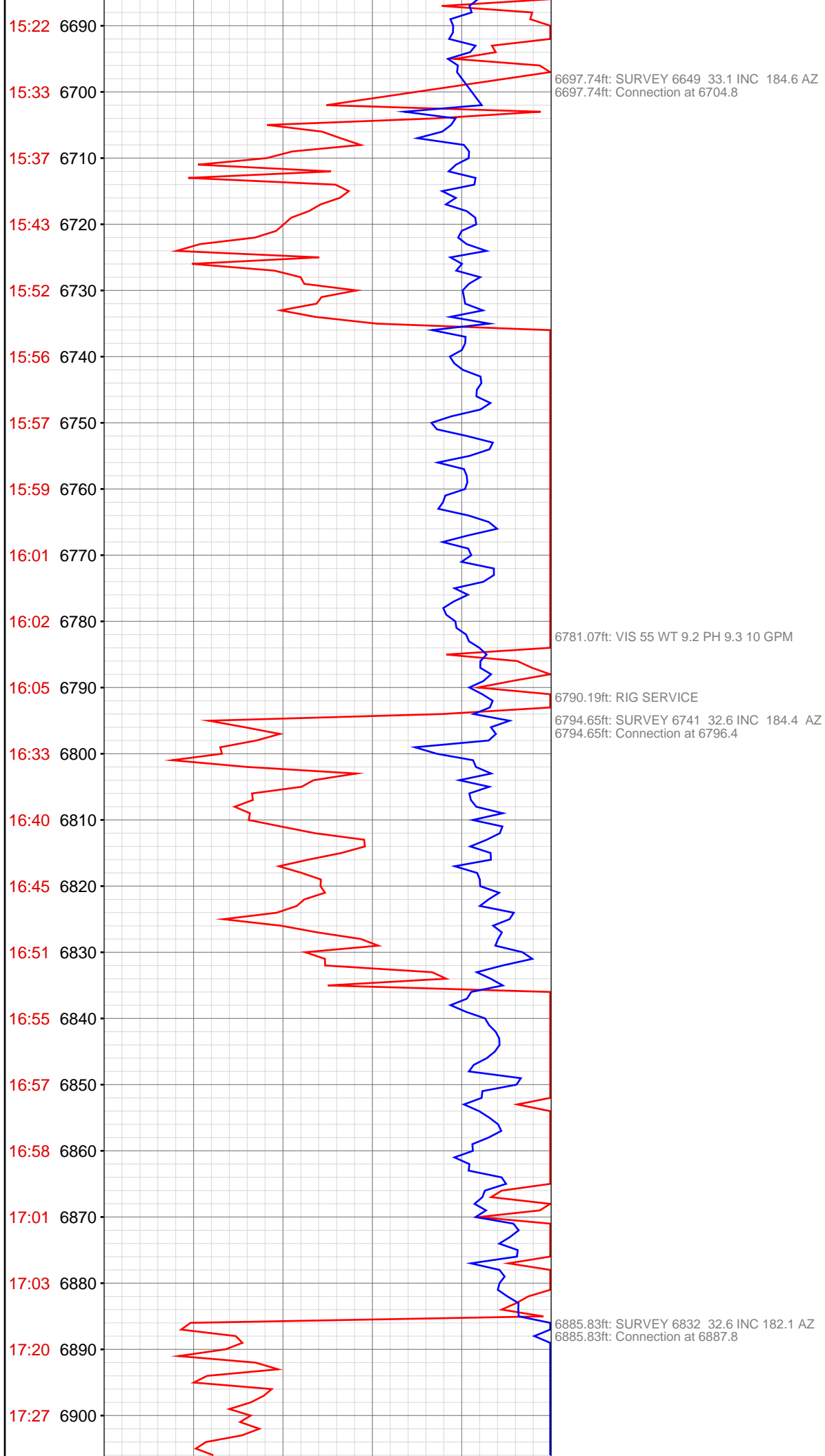
6243.50ft: Connection at 6248.4

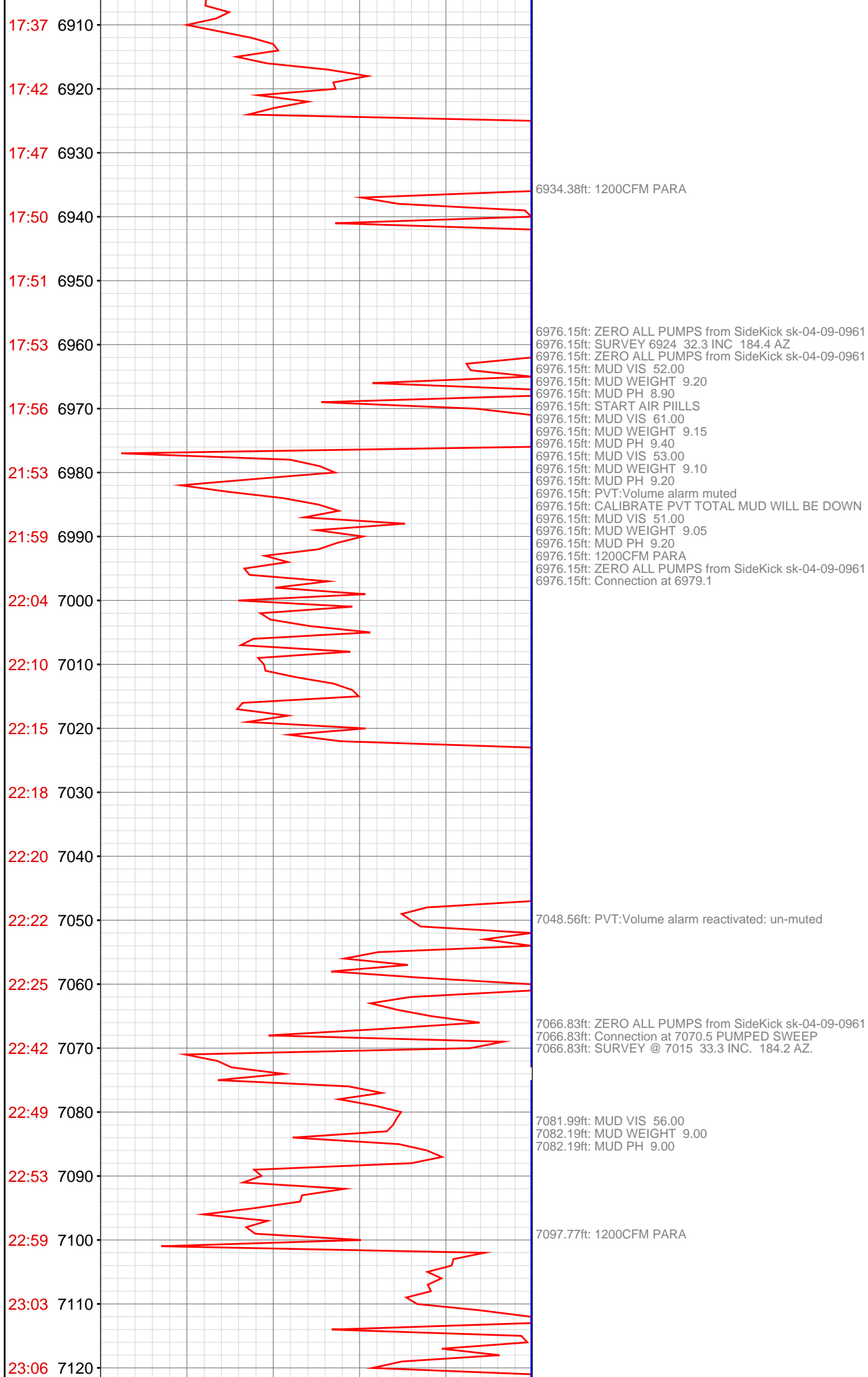
6334.45ft: SURVEY 6284 34.8 INC 188.3 AZ
6334.45ft: Connection at 6339.4

6425.98ft: SURVEY 6375 34.5 INC 187.5 AZ
6425.98ft: Connection at 6430.9

6459.97ft: VIS 54 WT 9.25 PH 9 10 GPM







23:09 7130

23:11 7140

23:14 7150

23:26 7160

23:30 7170

23:37 7180

23:41 7190

23:46 7200

23:52 7210

23:55 7220

23:58 7230

00:00 7240

00:02 7250

00:16 7260

00:21 7270

00:26 7280

00:37 7290

00:42 7300

00:46 7310

00:48 7320

00:51 7330

00:53 7340

7159.51ft: ZERO ALL PUMPS from SideKick sk-04-09-0961
7159.51ft: SURVEY @ 7106 31.9 INC. 182.9 AZ.
7159.51ft: Connection at 7162.0 PUMPED SWEEP

7192.85ft: 1800CFM PARA

7253.38ft: ZERO ALL PUMPS from SideKick sk-04-09-0961
7253.38ft: SURVEY @ 7198 31.8 INC. 184.4 AZ.
7253.38ft: Connection at 7253.4 PUMPED SWEEP
7255.12ft: MUD VIS 53.00
7255.12ft: MUD WEIGHT 9.05
7255.12ft: MUD PH 8.80

7262.86ft: 2200CFM PARA

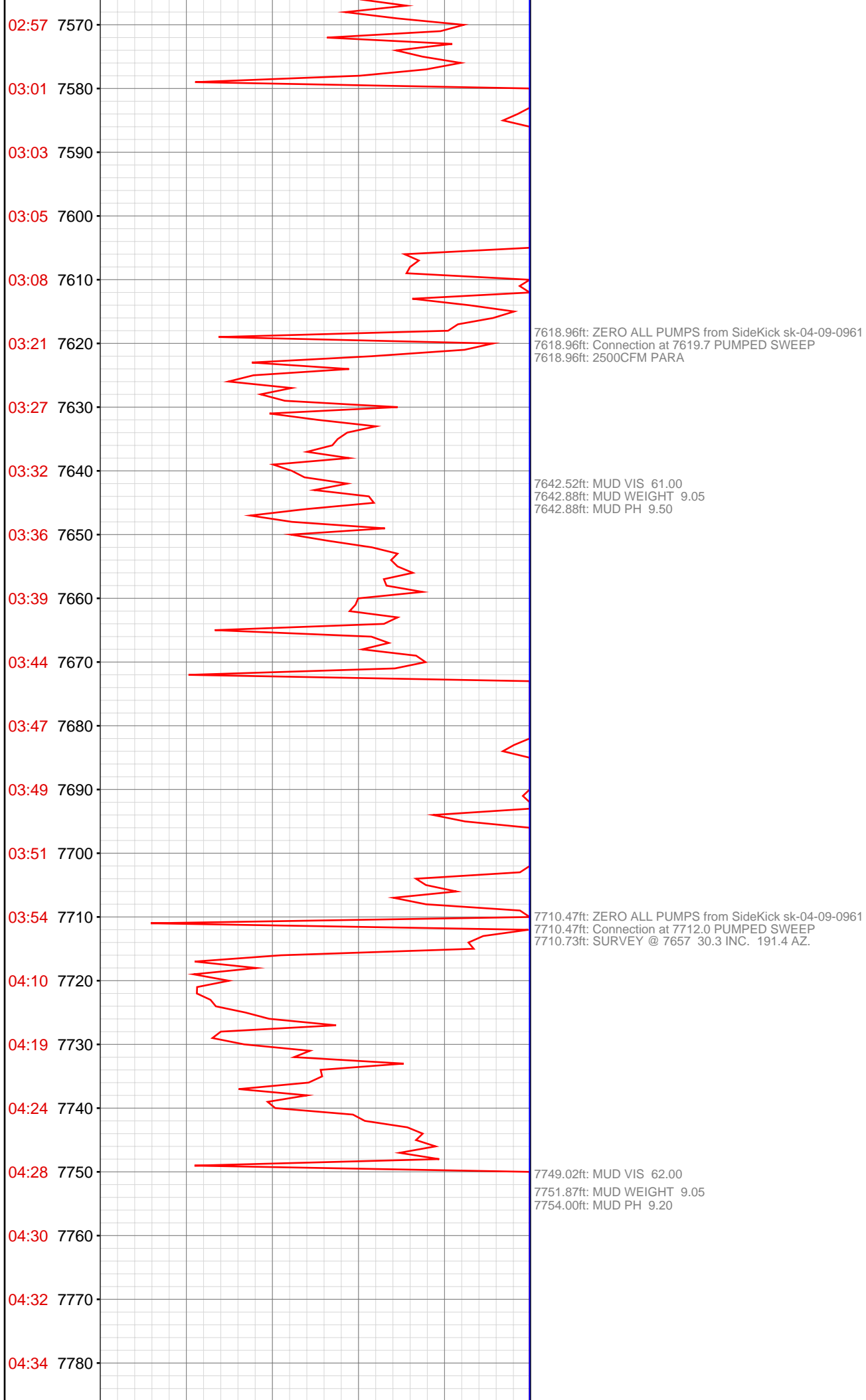
7344.75ft: SURVEY @ 7289 31 INC. 184.7 AZ.
7344.75ft: ZERO ALL PUMPS from SideKick sk-04-09-0961

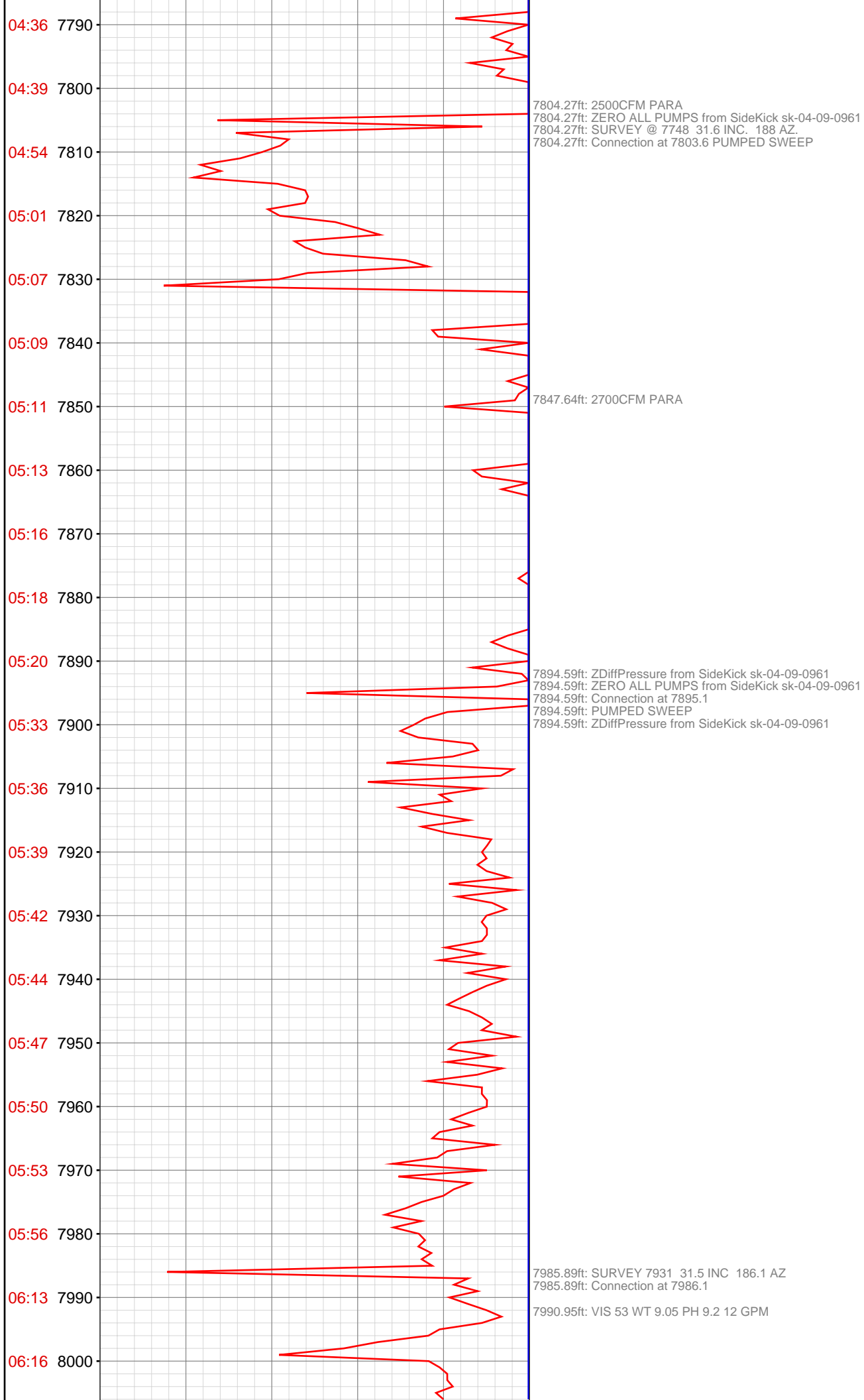
7344.75ft: ZERO ALL PUMPS from SideKick sk-04-09-0961
7344.75ft: Connection at 7345.0 PUMPED SWEEP

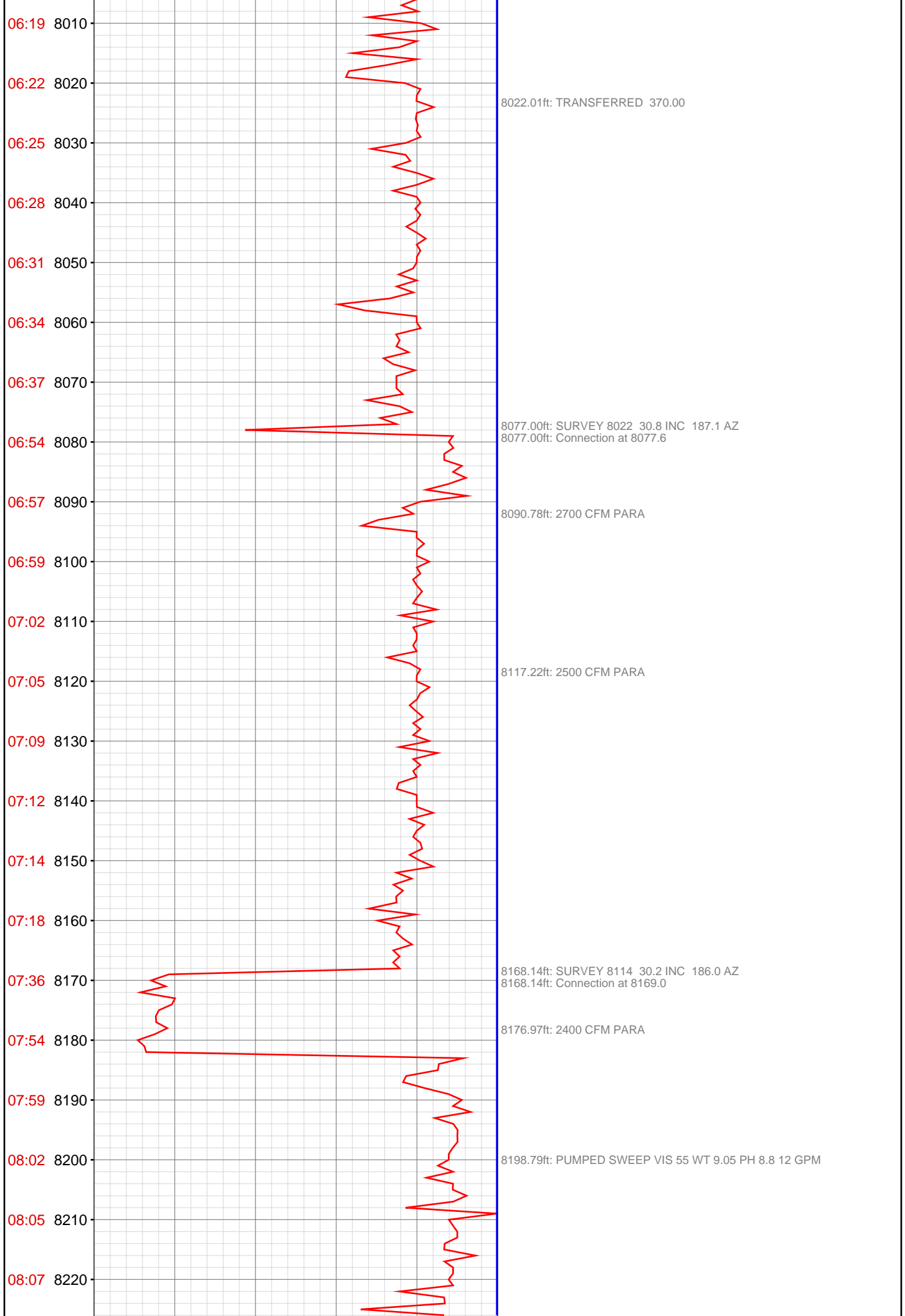
7372.24ft: MUD VIS 55.00
7372.51ft: MUD WEIGHT 9.00
7372.51ft: MUD PH 9.60

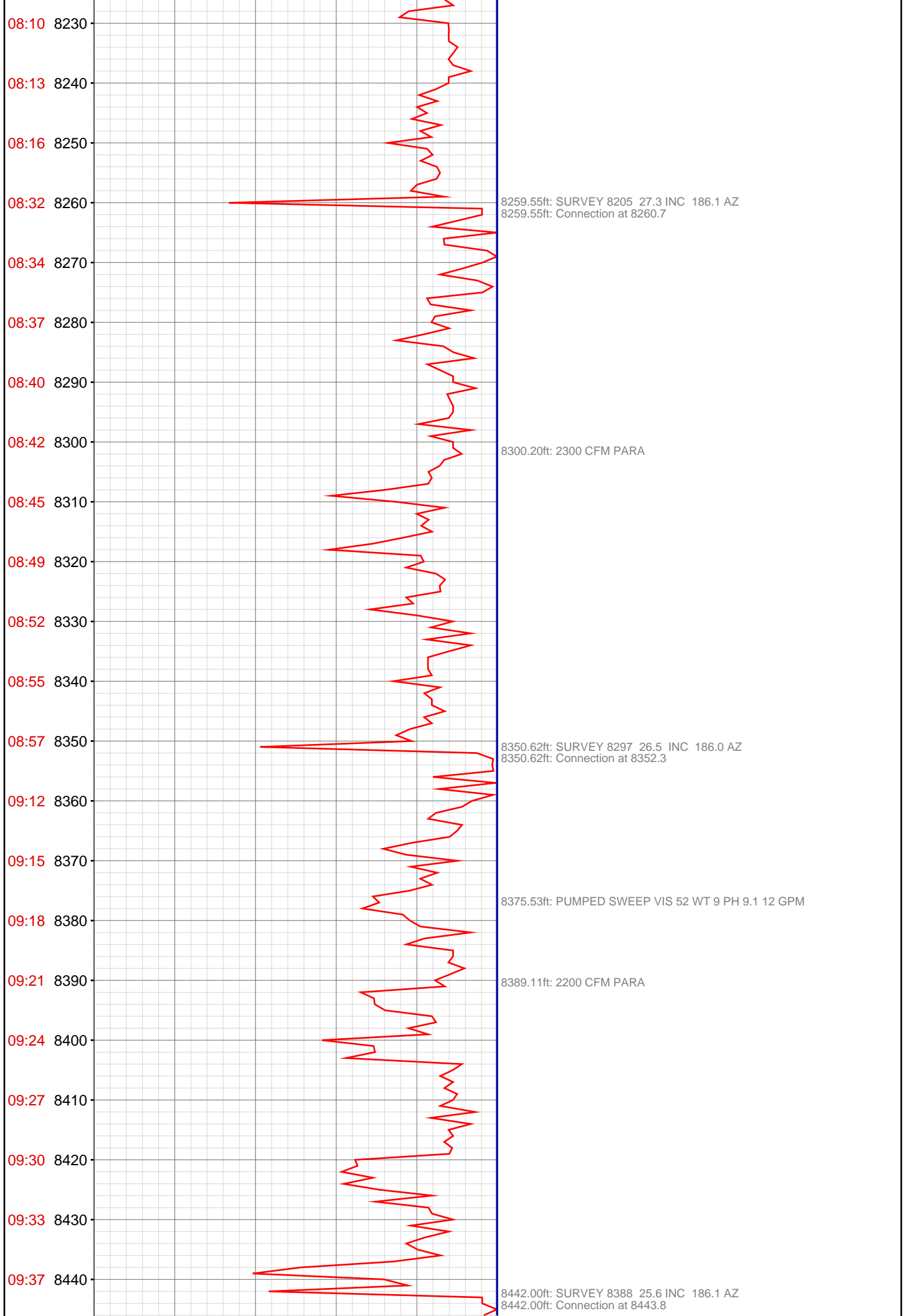
7435.27ft: ZERO ALL PUMPS from SideKick sk-04-09-0961
7435.27ft: SURVEY @ 7381 31 INC. 187.3 AZ.
7435.27ft: Connection at 7436.4 PUMPED SWEEP
7435.27ft: 2500CFM PARA

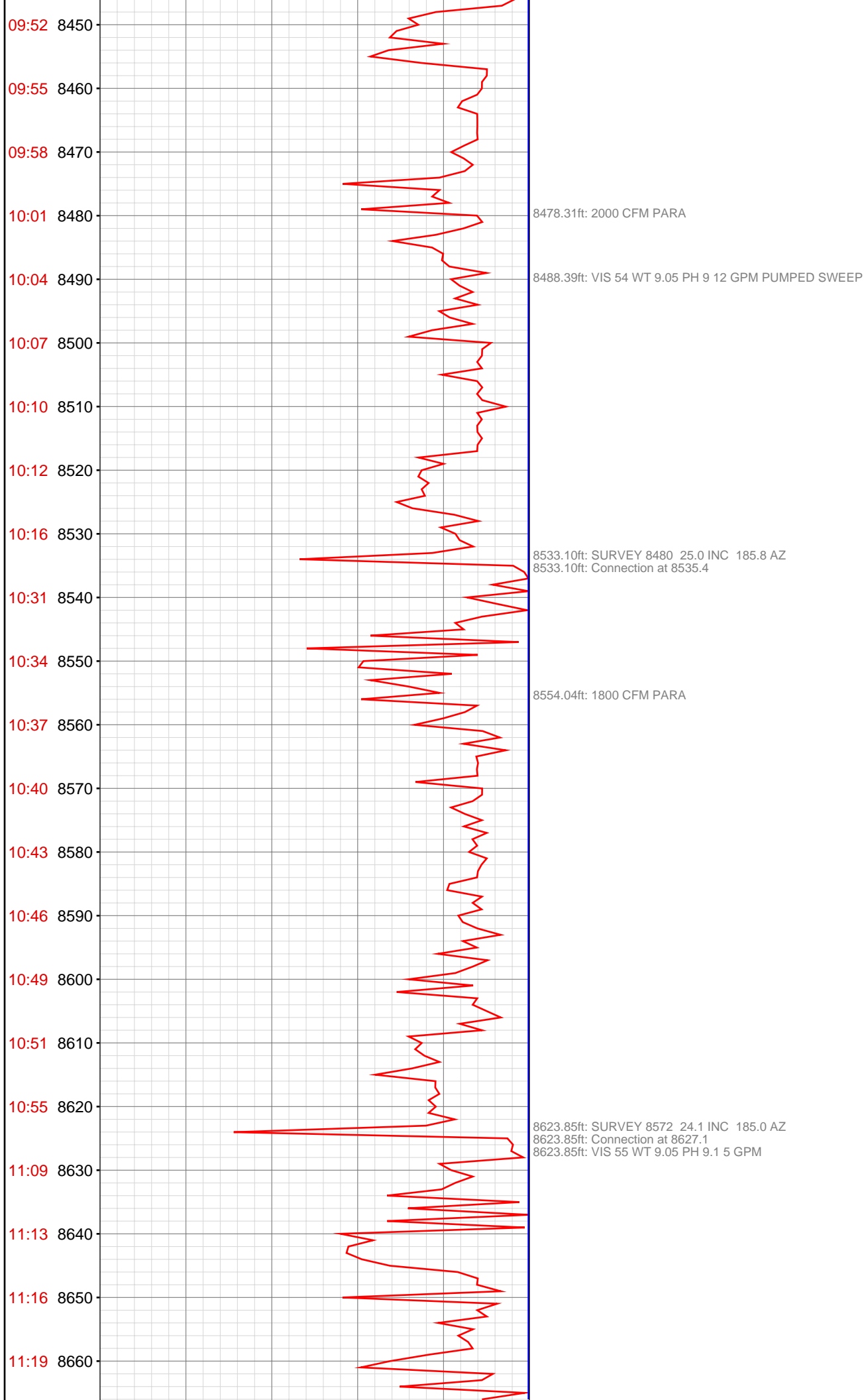
7523.23ft: MUD VIS 52.00
7524.02ft: MUD WEIGHT 9.00
7524.02ft: MUD PH 9.40
7528.64ft: ZERO ALL PUMPS from SideKick sk-04-09-0961
7528.64ft: SURVEY @ 7473 28.4 INC. 189.6 AZ.
7528.64ft: Connection at 7528.2 PUMPED SWEEP

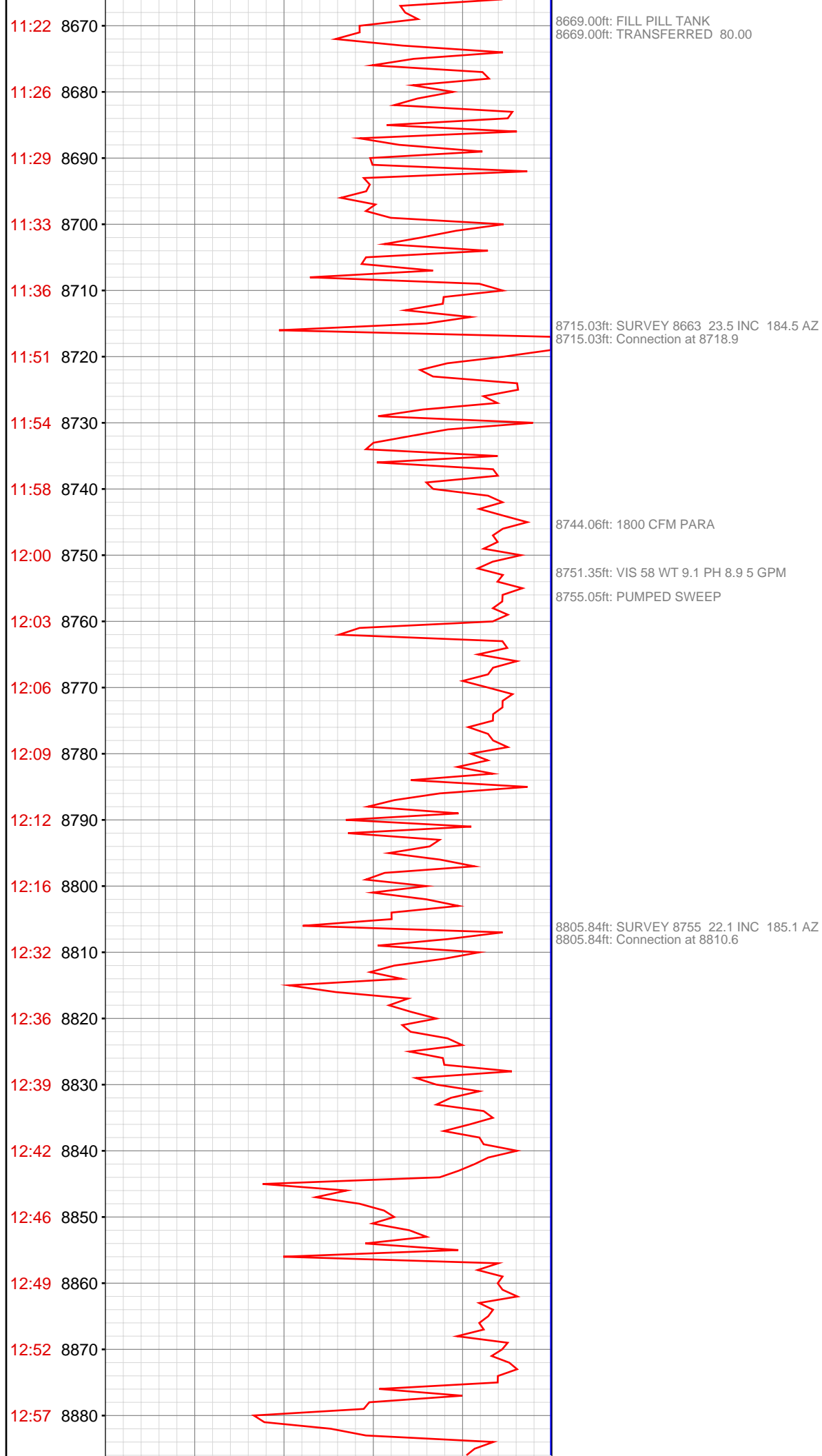


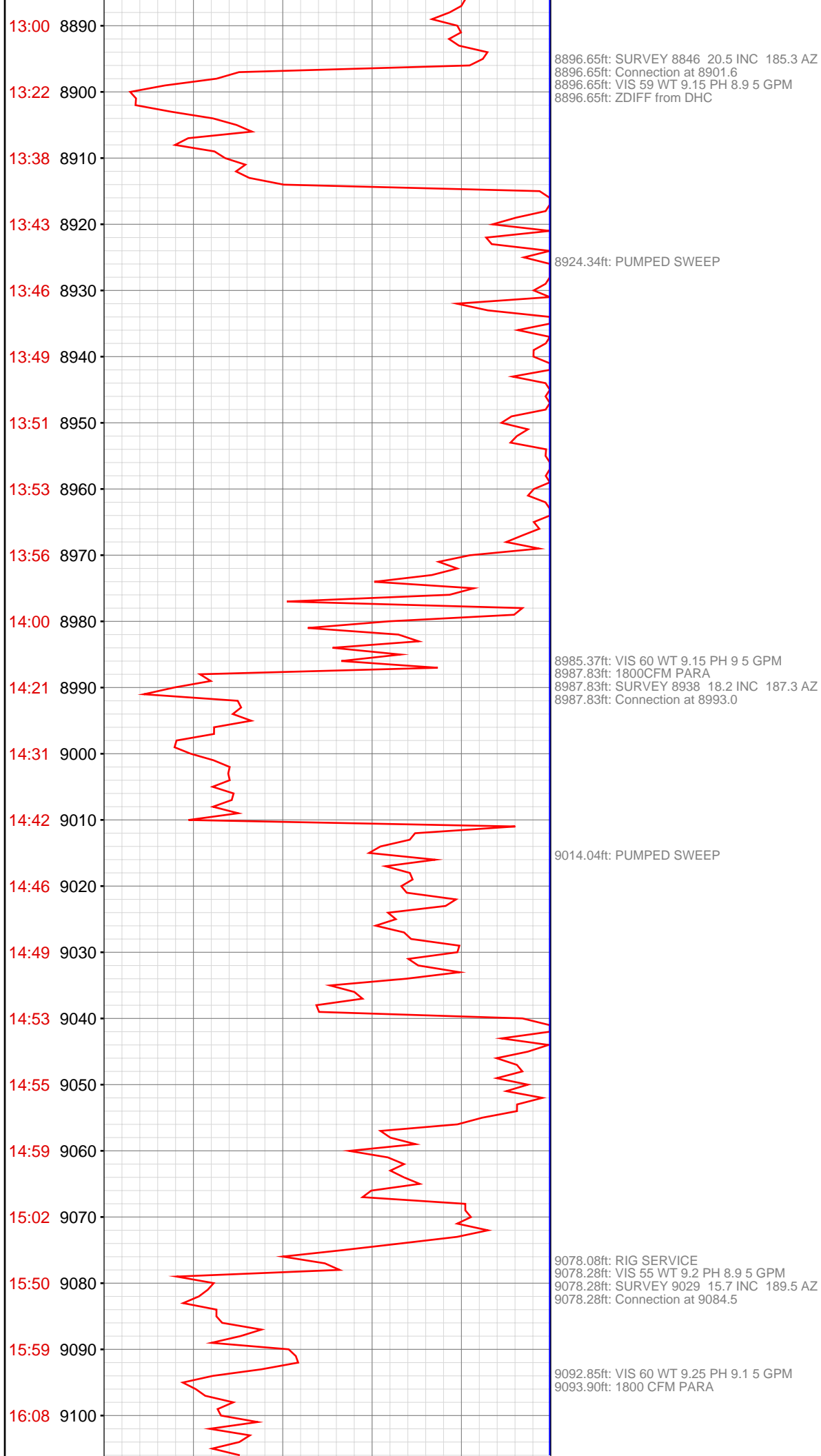


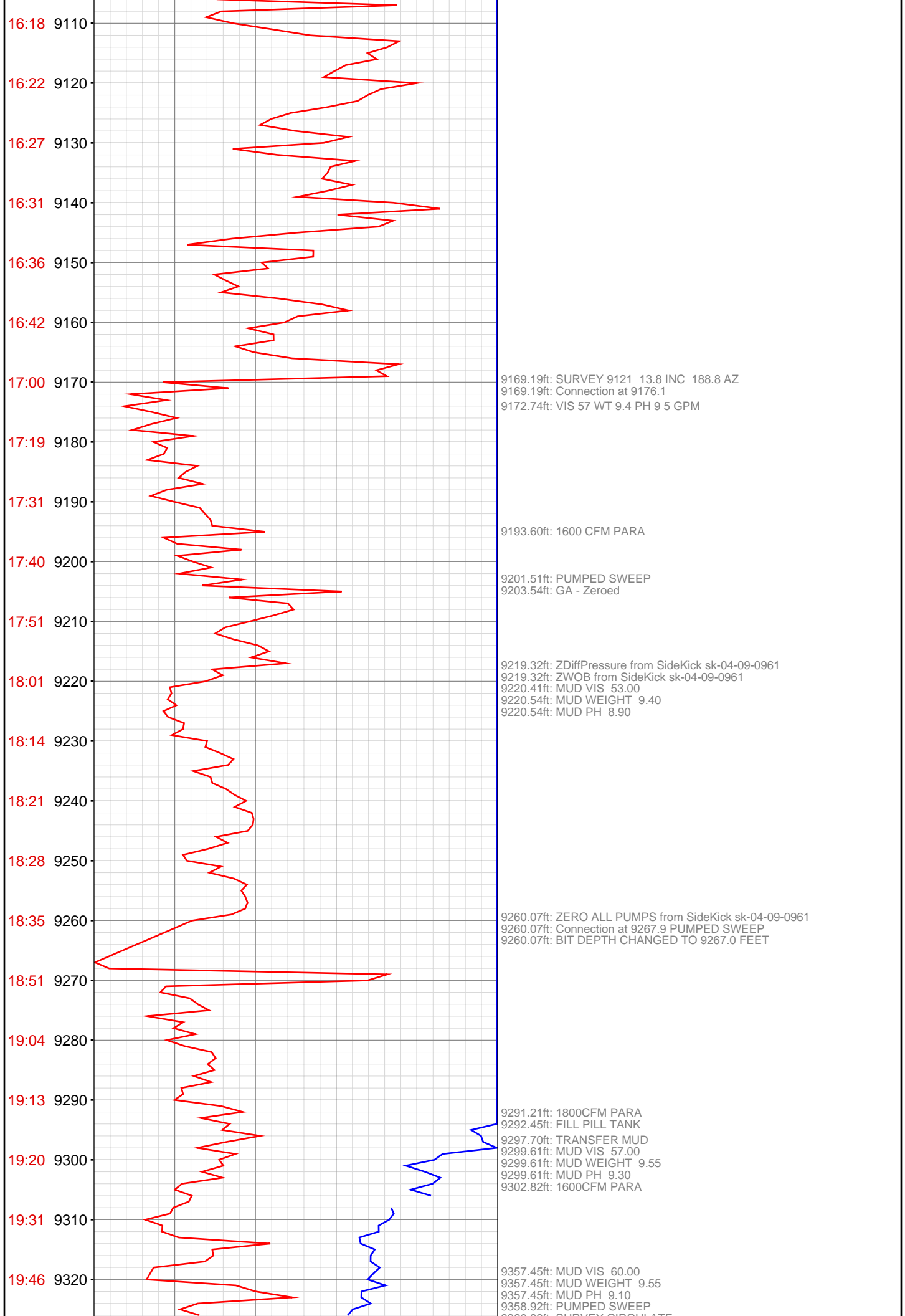


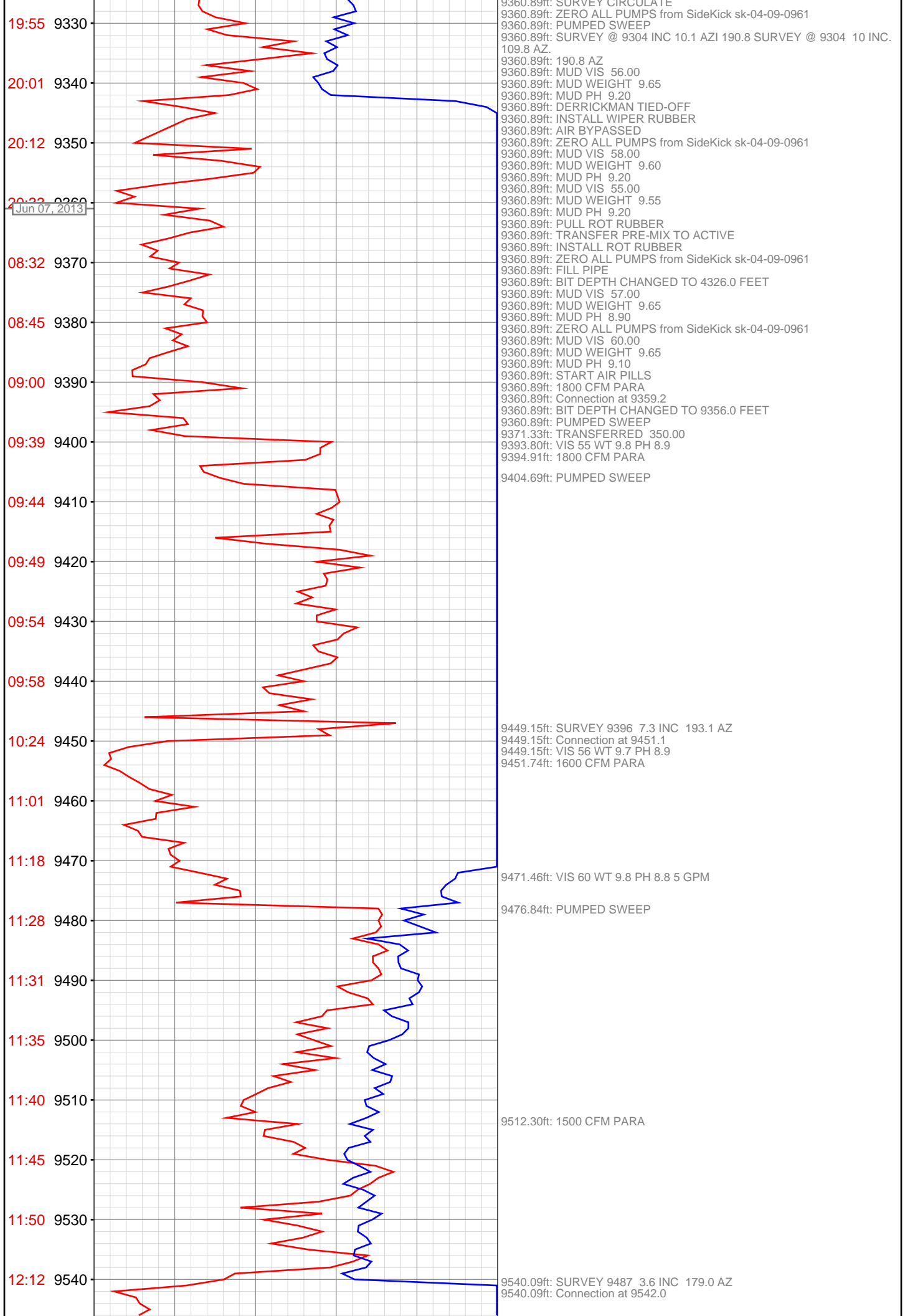


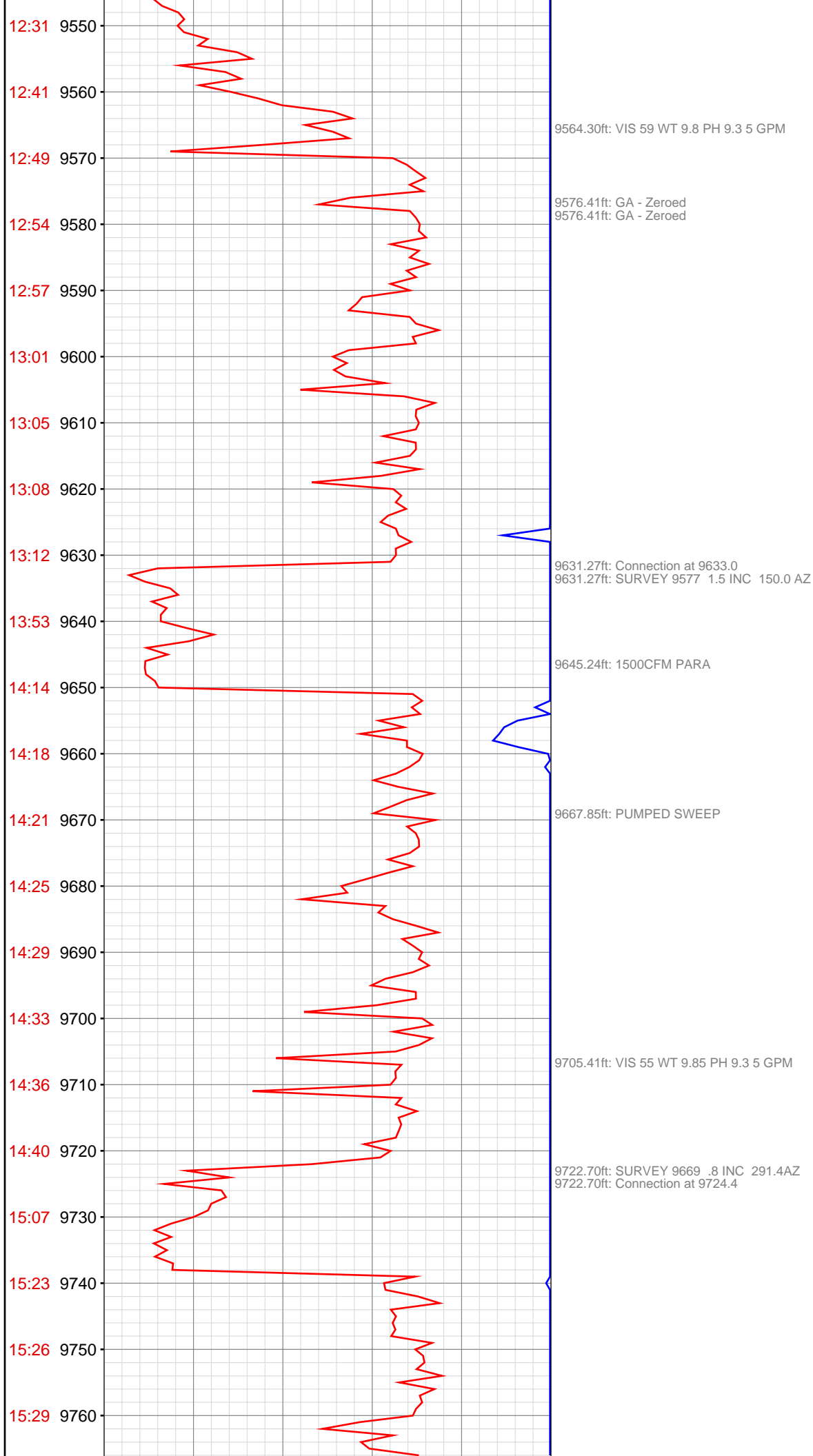


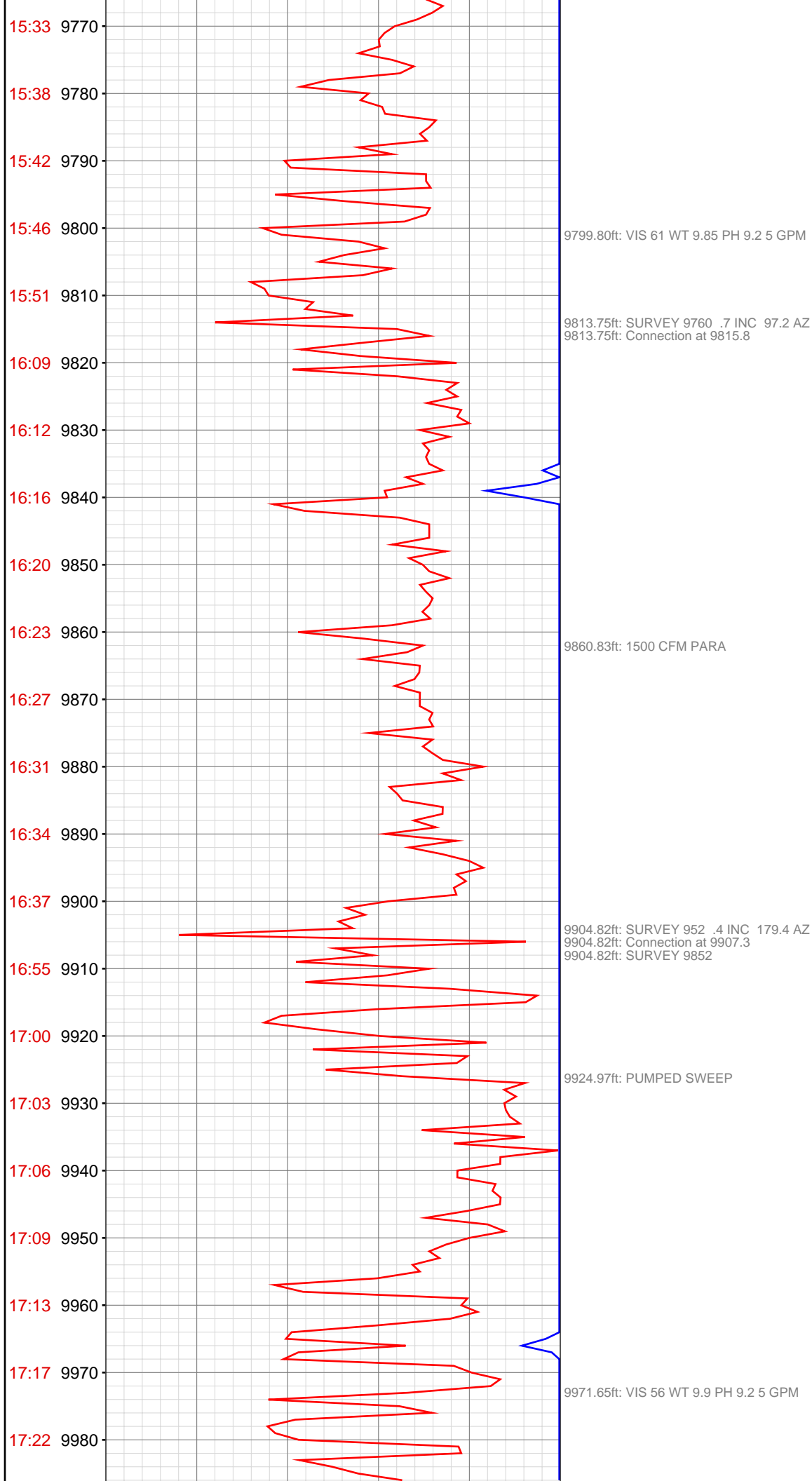


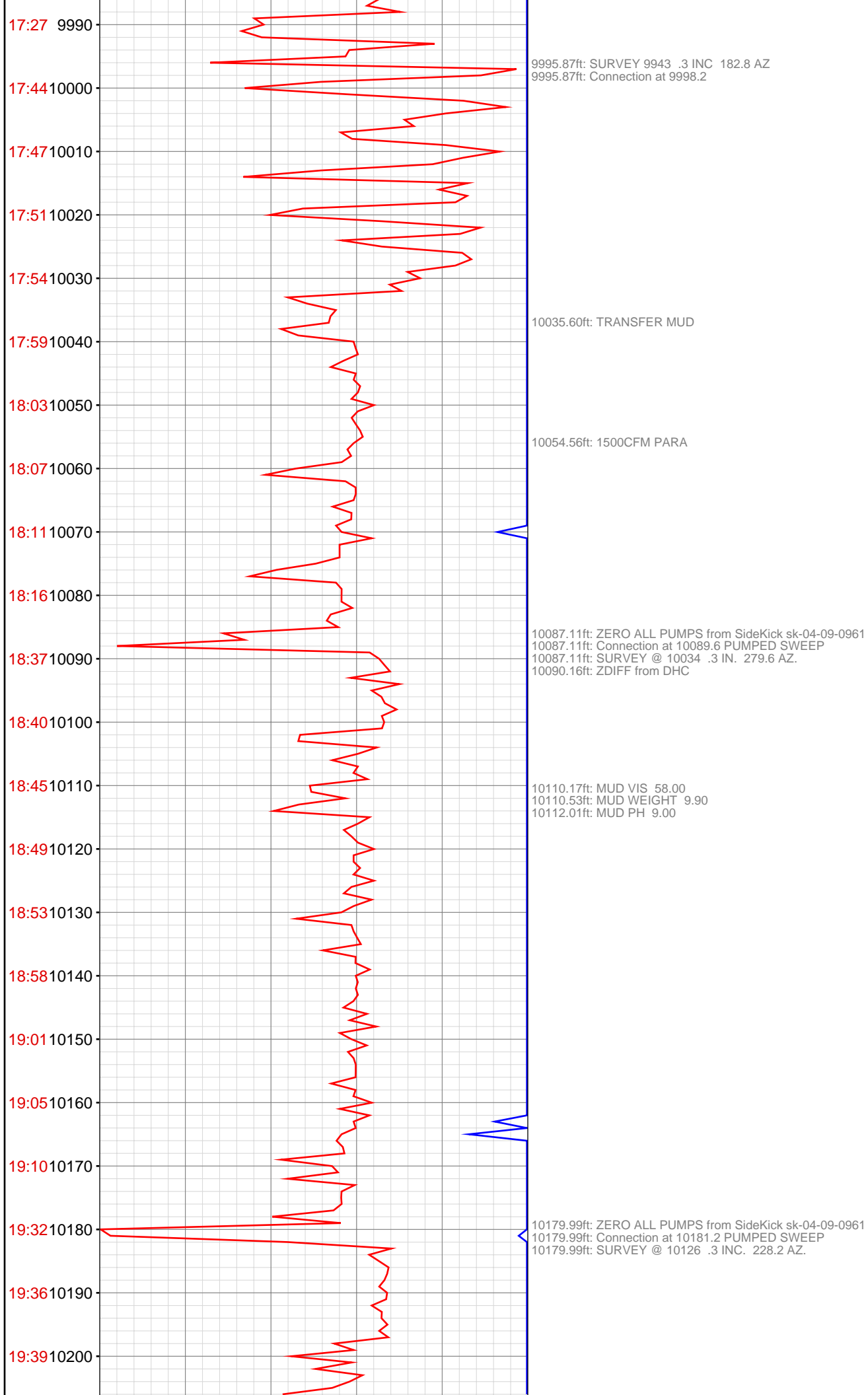


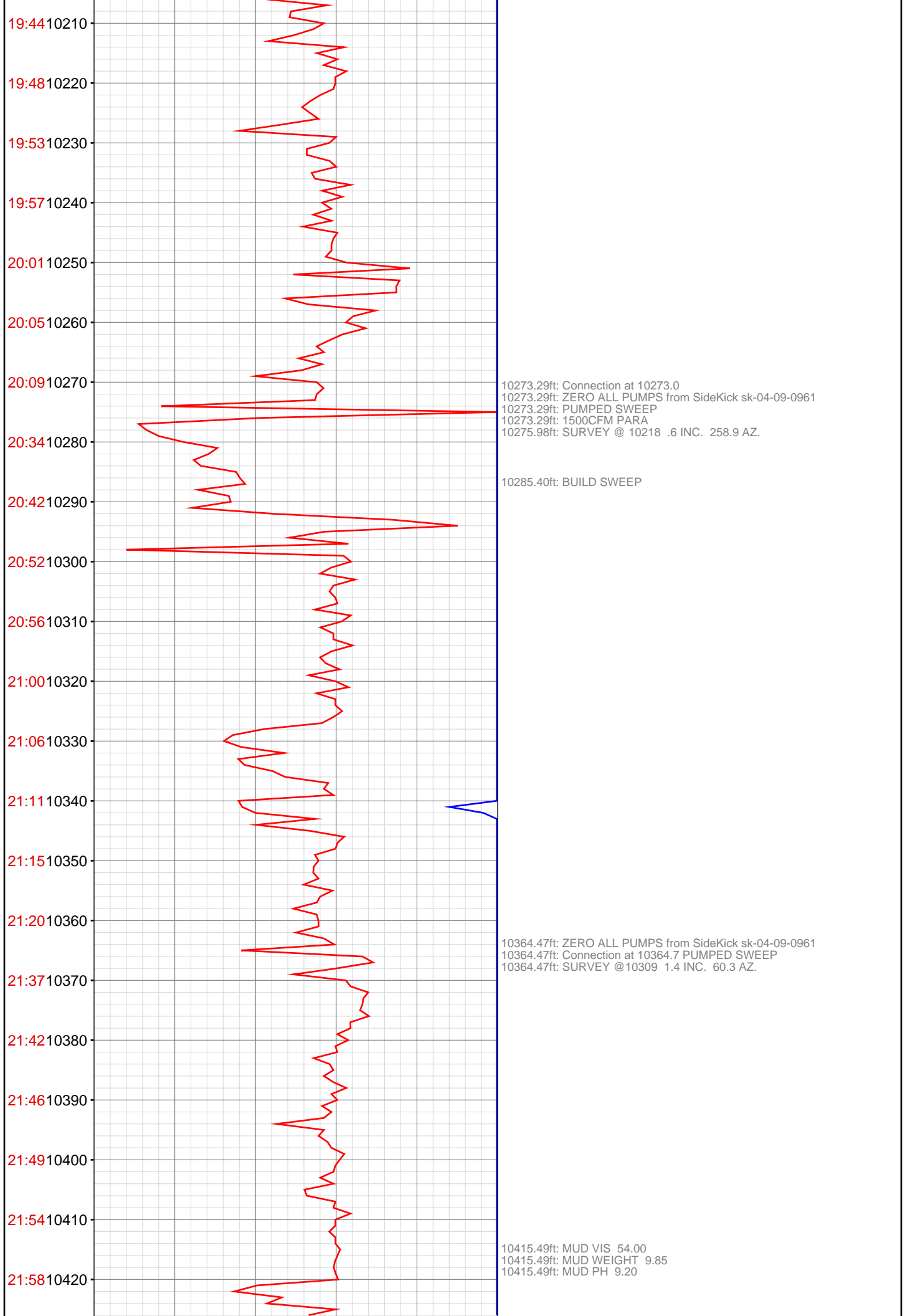


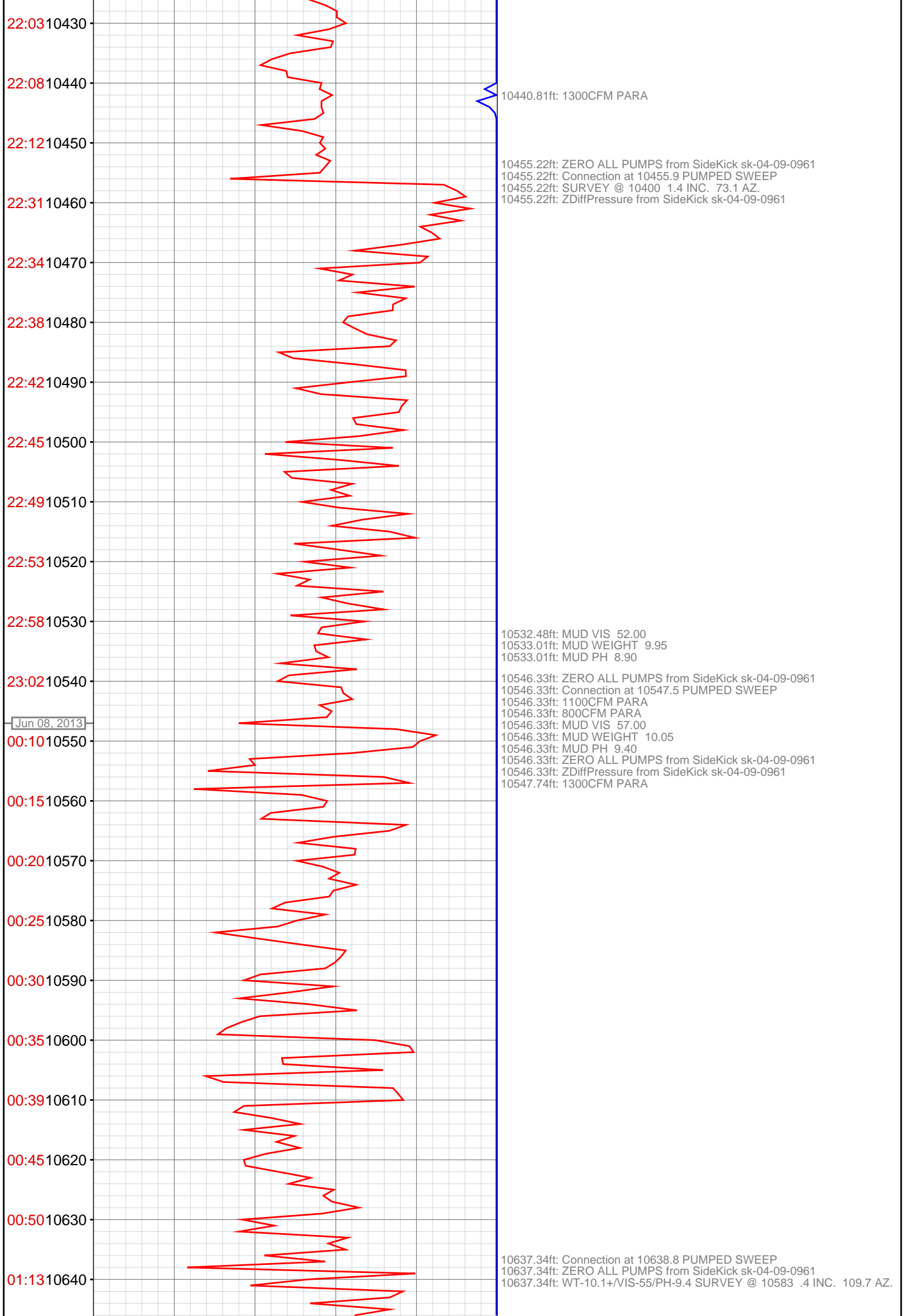


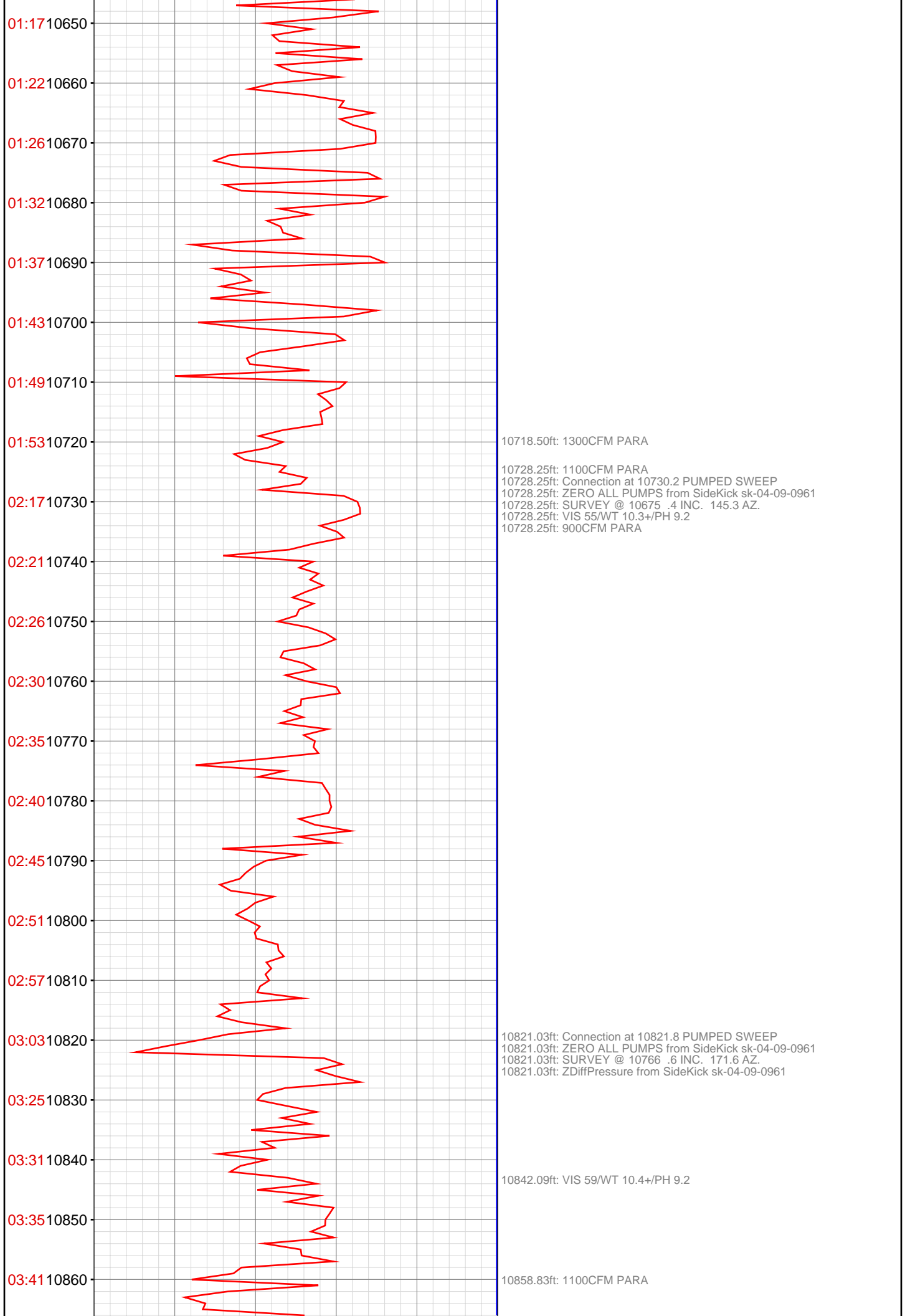












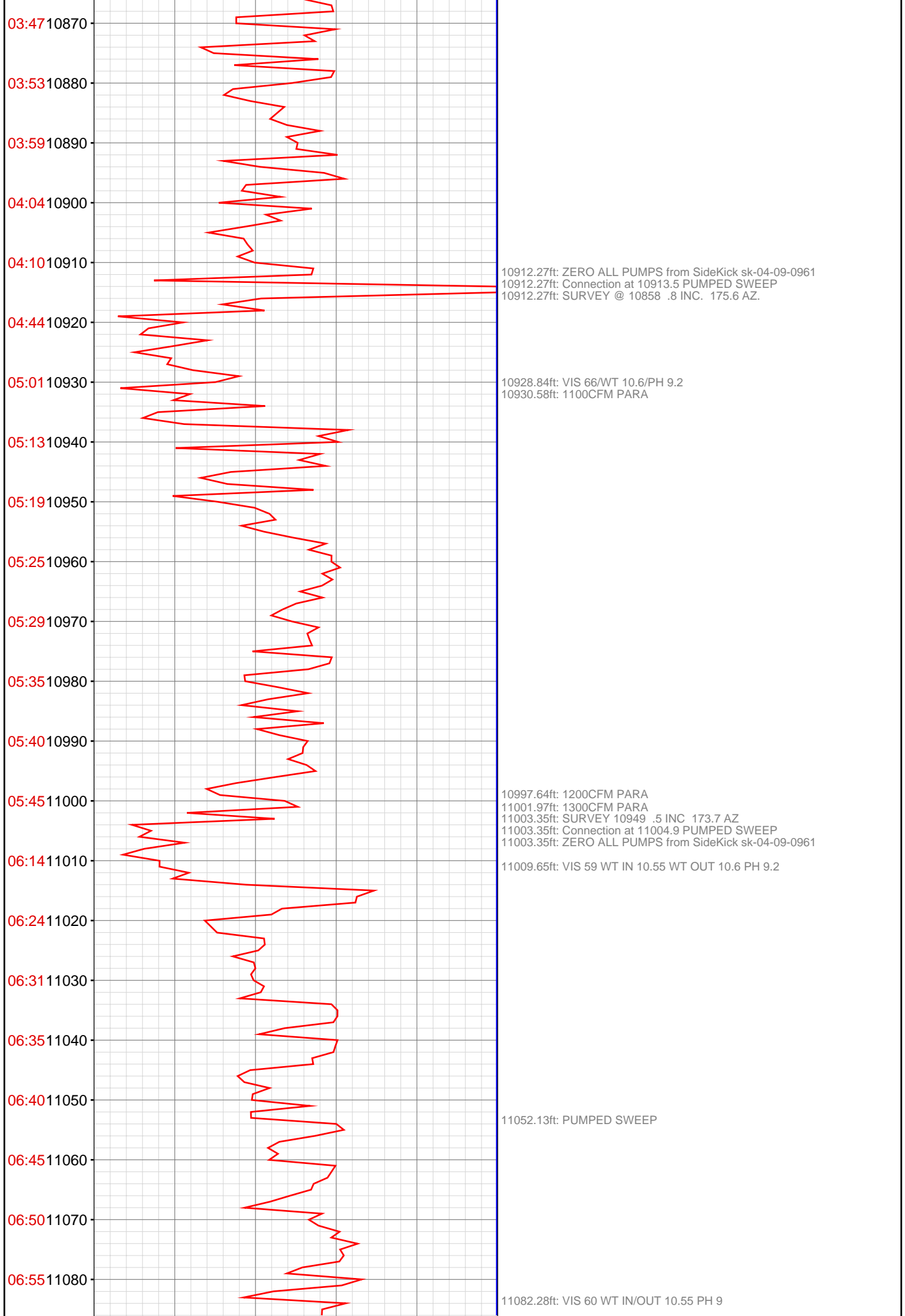
10718.50ft: 1300CFM PARA

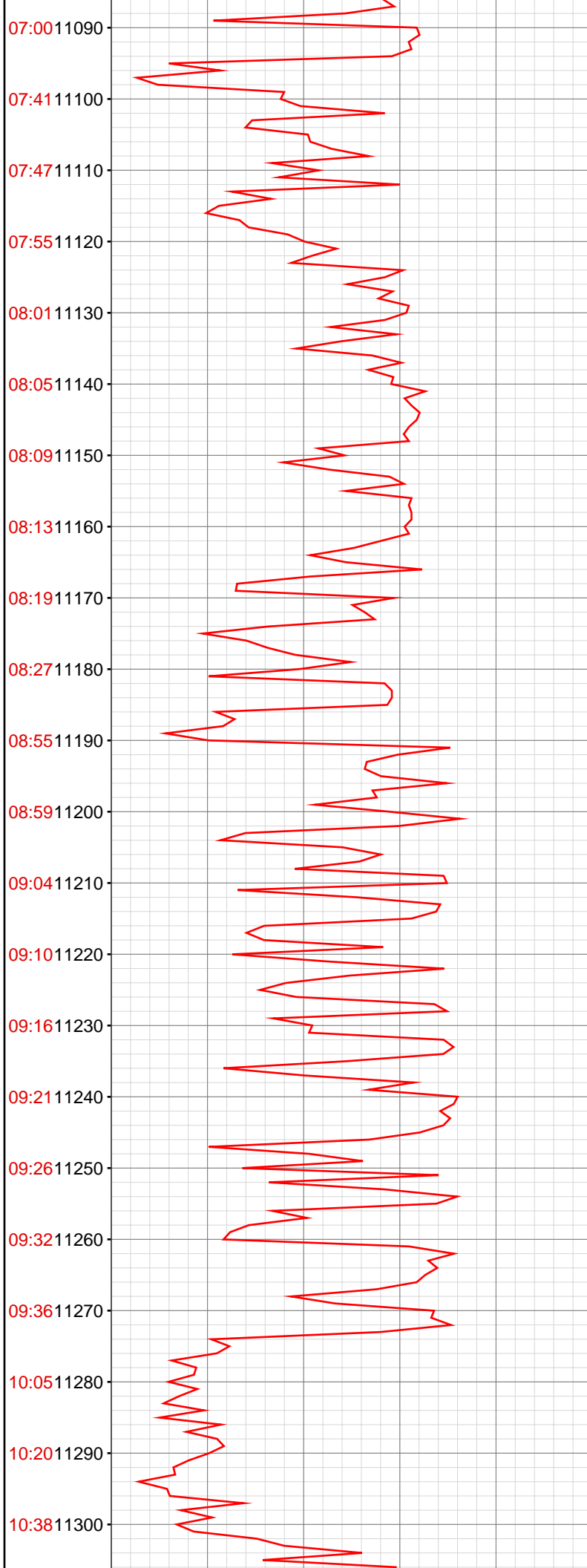
10728.25ft: 1100CFM PARA
10728.25ft: Connection at 10730.2 PUMPED SWEEP
10728.25ft: ZERO ALL PUMPS from SideKick sk-04-09-0961
10728.25ft: SURVEY @ 10675 .4 INC. 145.3 AZ.
10728.25ft: VIS 55/WT 10.3+/PH 9.2
10728.25ft: 900CFM PARA

10821.03ft: Connection at 10821.8 PUMPED SWEEP
10821.03ft: ZERO ALL PUMPS from SideKick sk-04-09-0961
10821.03ft: SURVEY @ 10766 .6 INC. 171.6 AZ.
10821.03ft: ZDiffPressure from SideKick sk-04-09-0961

10842.09ft: VIS 59/WT 10.4+/PH 9.2

10858.83ft: 1100CFM PARA





11090.39ft: 1600 CFM PARA
11094.39ft: Connection at 11096.5
11094.39ft: SURVEY 11041 .3 INC 136.2 AZ

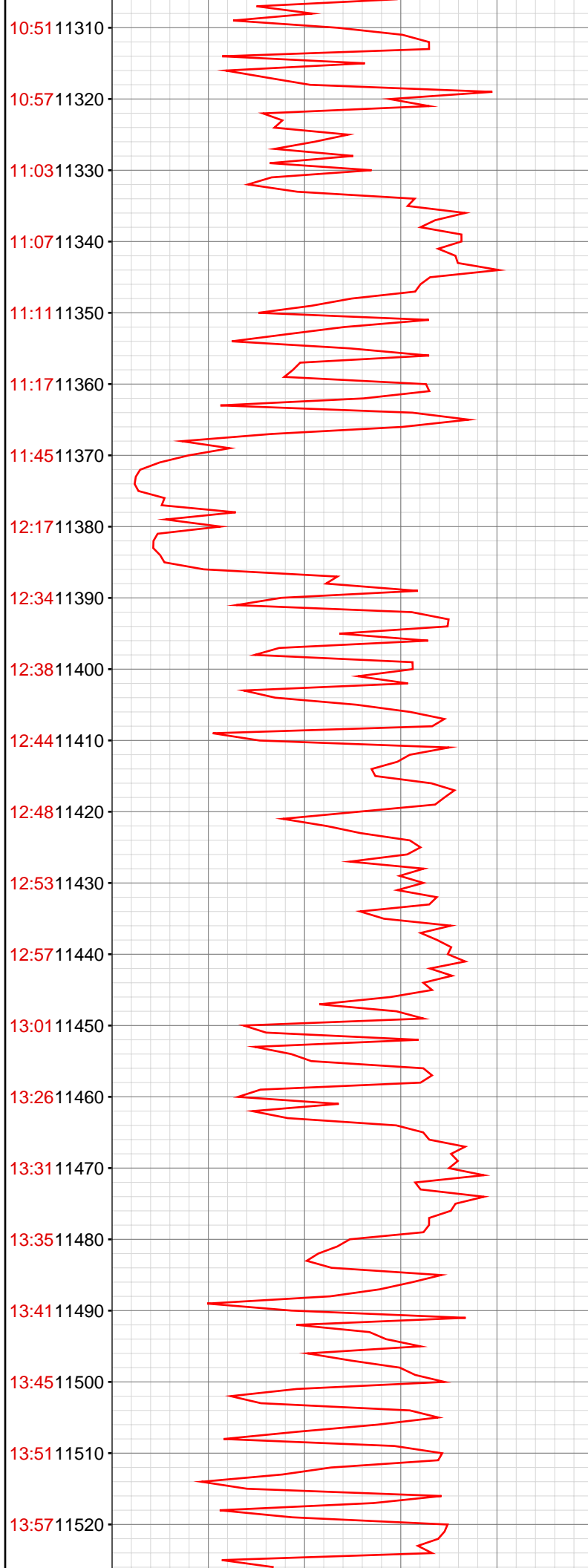
11102.07ft: VIS 60 INWT 10.6 OUTWT 10.5 PH 8.8

11182.84ft: 1500 CFM PARA
11185.83ft: SURVEY 11133 .5 INC 194.7 AZ
11185.83ft: Connection at 11188.3
11185.83ft: ZERO ALL PUMPS from SideKick sk-04-09-0961
11189.40ft: VIS 56 INWT 10.55 OUTWT10.6 PH 9.3

11248.10ft: WT FROM EXTRACTOR 10.55 VIS 53 INWT 10.7 OUTWT10.55 PH 9.3
11251.67ft: 1500 CFM PARA

11276.38ft: SURVEY 11224 .9 INC 226.0 AZ
11276.38ft: Connection at 11279.5

11293.50ft: VIS 56 INWT10.65 OUTWT10.7 EXWT10.6 PH 9.2
11294.42ft: 1500 CFM PARA



11367.32ft: 1500 CFM PARA
11367.32ft: SURVEY 11315 .2 INC 308.2 AZ
11367.32ft: Connection at 11370.9
11367.45ft: VIS 55 INWT 10.7 OUTWT 10.65 PH 9.3

11390.19ft: PUMPED SWEEP

11400.07ft: TRANSFER 80 BBL TO PILL TANK

11435.99ft: TRANSFERRED 350.00

11458.63ft: SURVEY 11407 1.0 INC 18.8 AZ
11458.63ft: Connection at 11462.5
11458.63ft: 1500CFM PARA
11463.32ft: VIS 54 INWT10.8 OUTWT 10.8 PH 9

