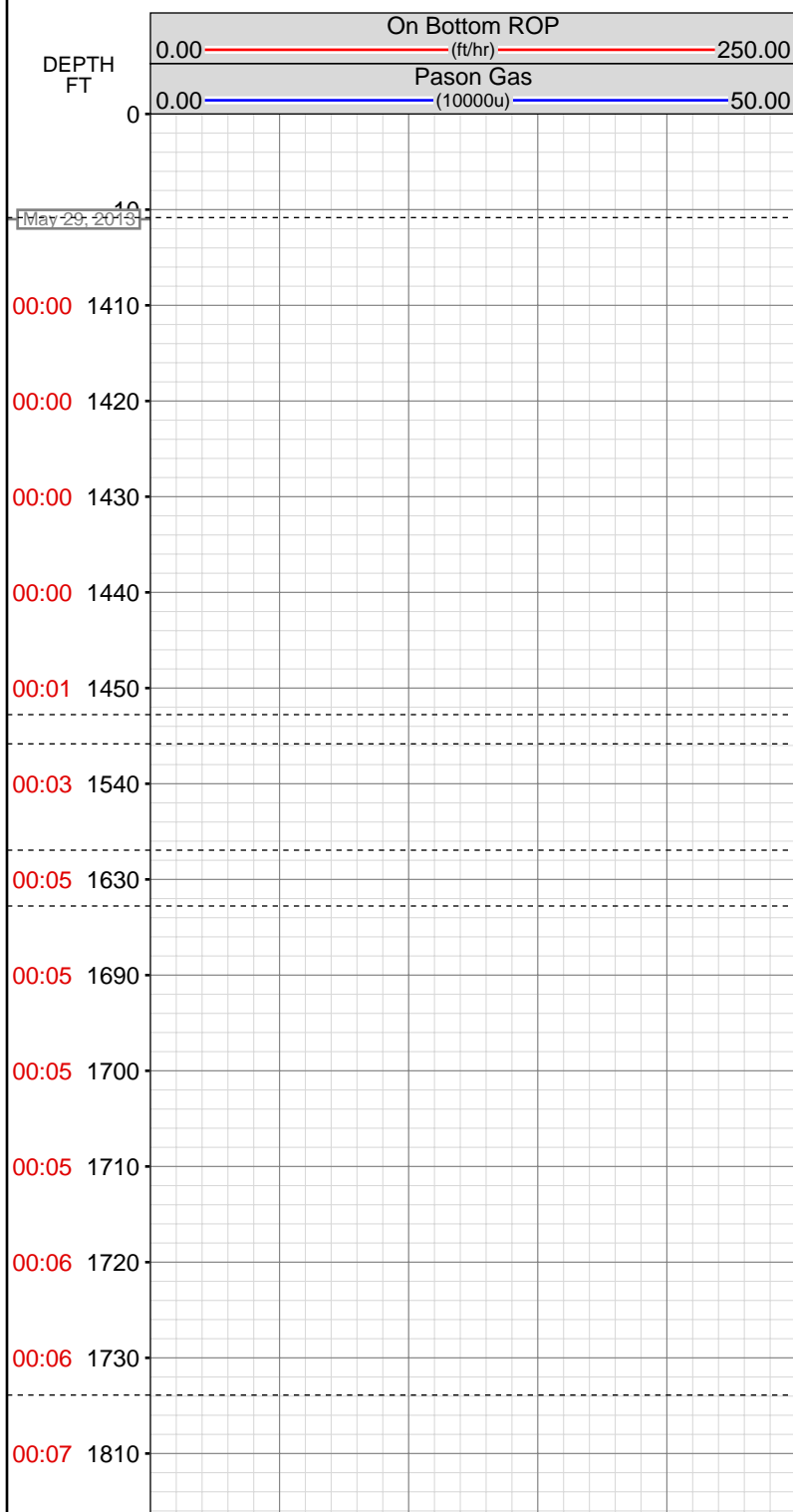


DataHub EDR Log

Tue Jun 04, 2013 15:36:29
Well Dossier 1369745376
Greg Veregin

OPERATOR: EnCana Oil & Gas (USA), Inc.
WELL: SG 8513A-36 D36- 496
FIELD:
LOCATION: Sec 36 Twp 4S Rng 96W
COUNTRY: USA
RIG: Pat-UTI 326

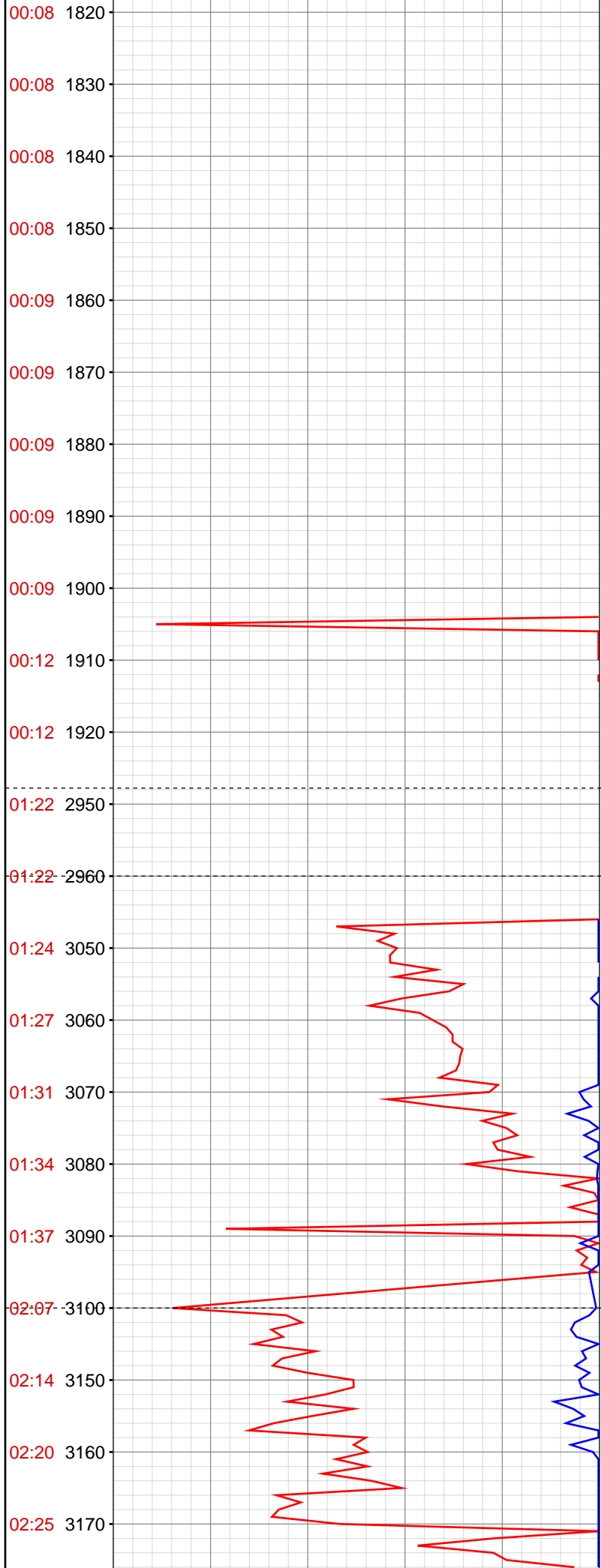
CONTRACTOR: Patterson-UTI Drilling Company
UNIQUE WELL ID: 05-045-20926
SPUD DATE: May 29, 2013 01:00
RELEASE DATE: Jun 03, 2013 22:00



MEMOS

0.00ft: Connection at 3136.2
0.00ft: SURVEY @ 3081 24.9 INC. 183.1 AZ.
0.00ft: SURVEY 10672 1.0 INC 150.0 AZ

1720.95ft: TESTED DRILL PIPE AIR 3200PSI GOOD

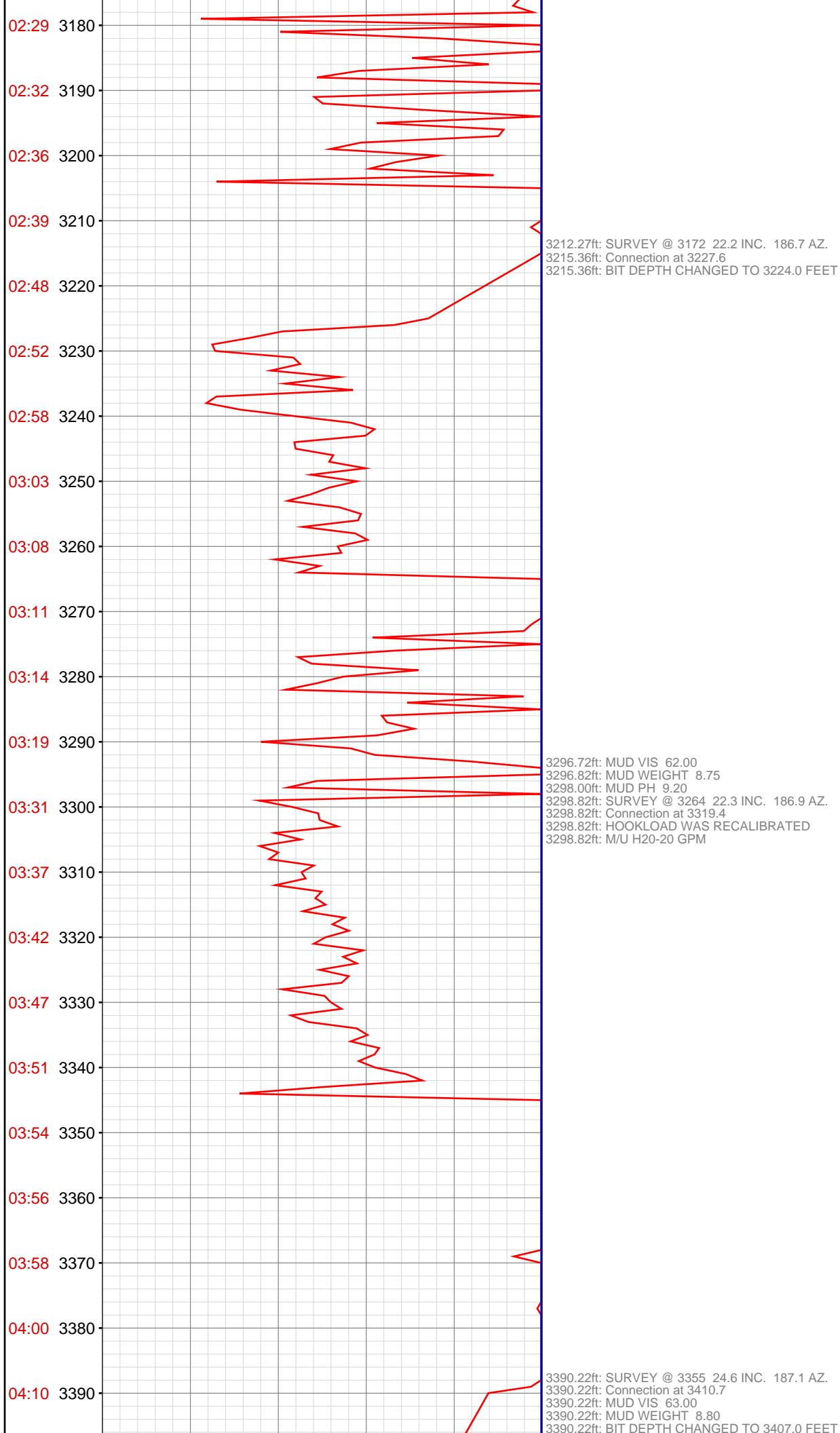


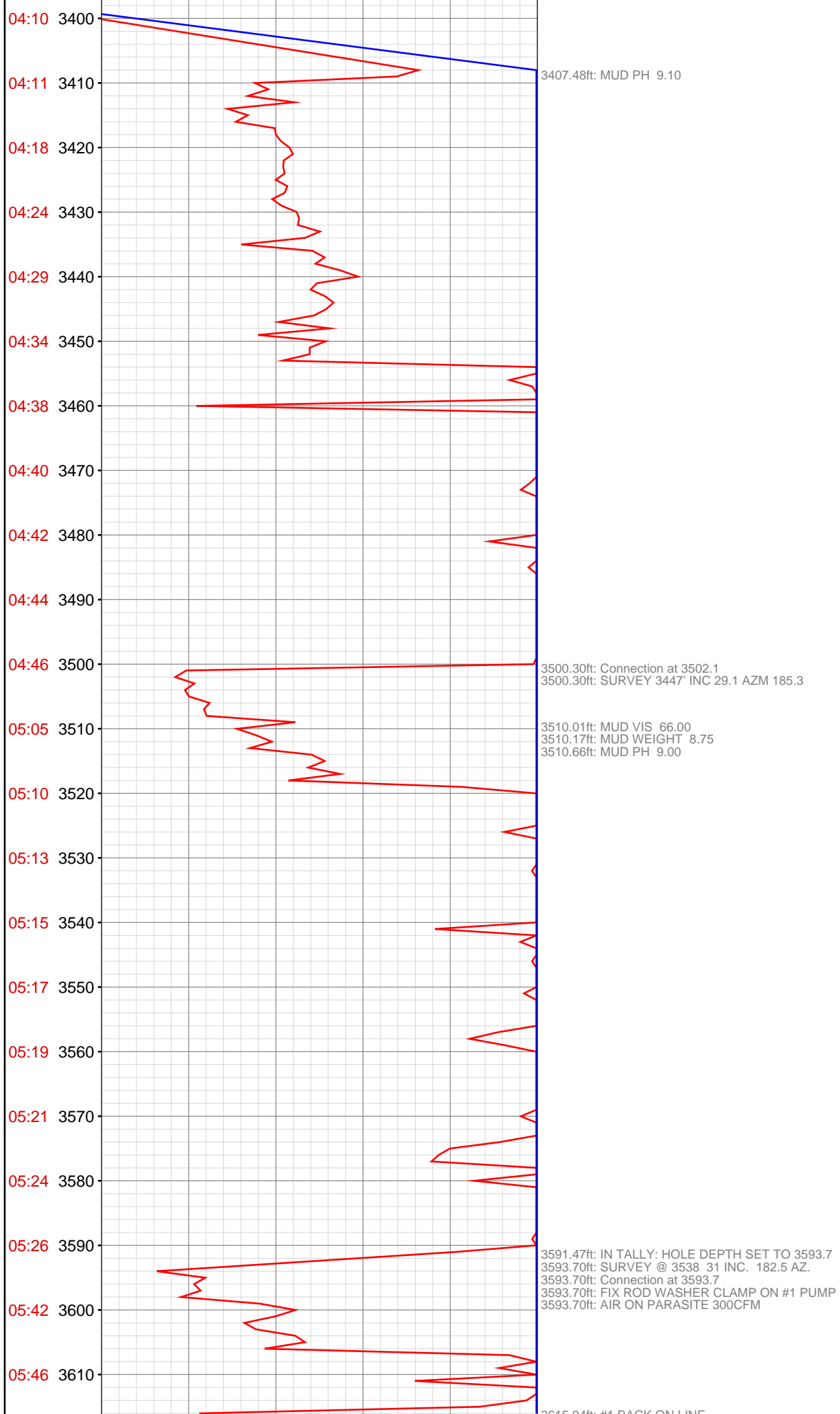
1921.36ft: BIT DEPTH CHANGED TO 2953.0 FEET

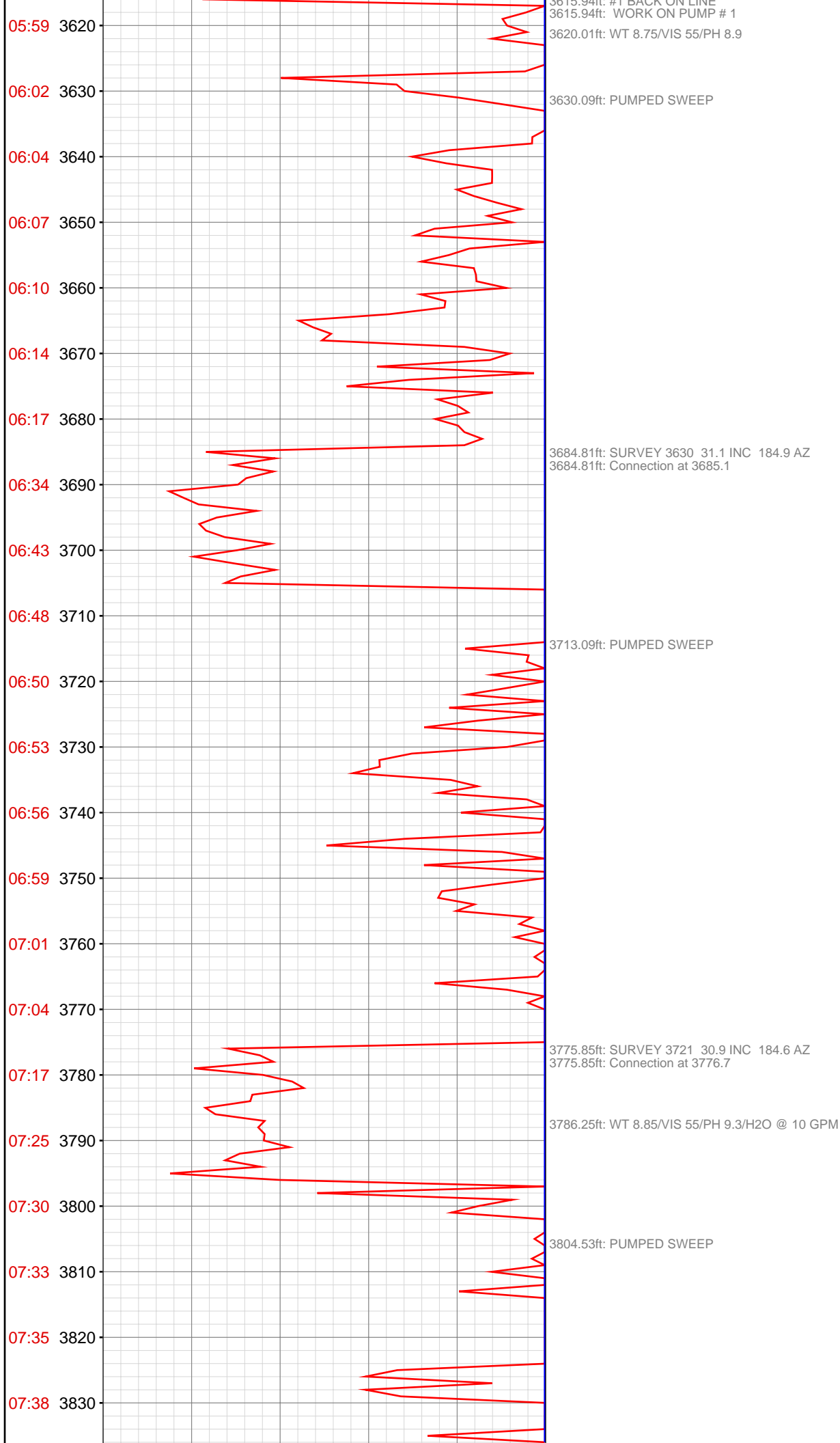
2953.00ft: HOLE DEPTH CHANGED TO 3045.0 FEET

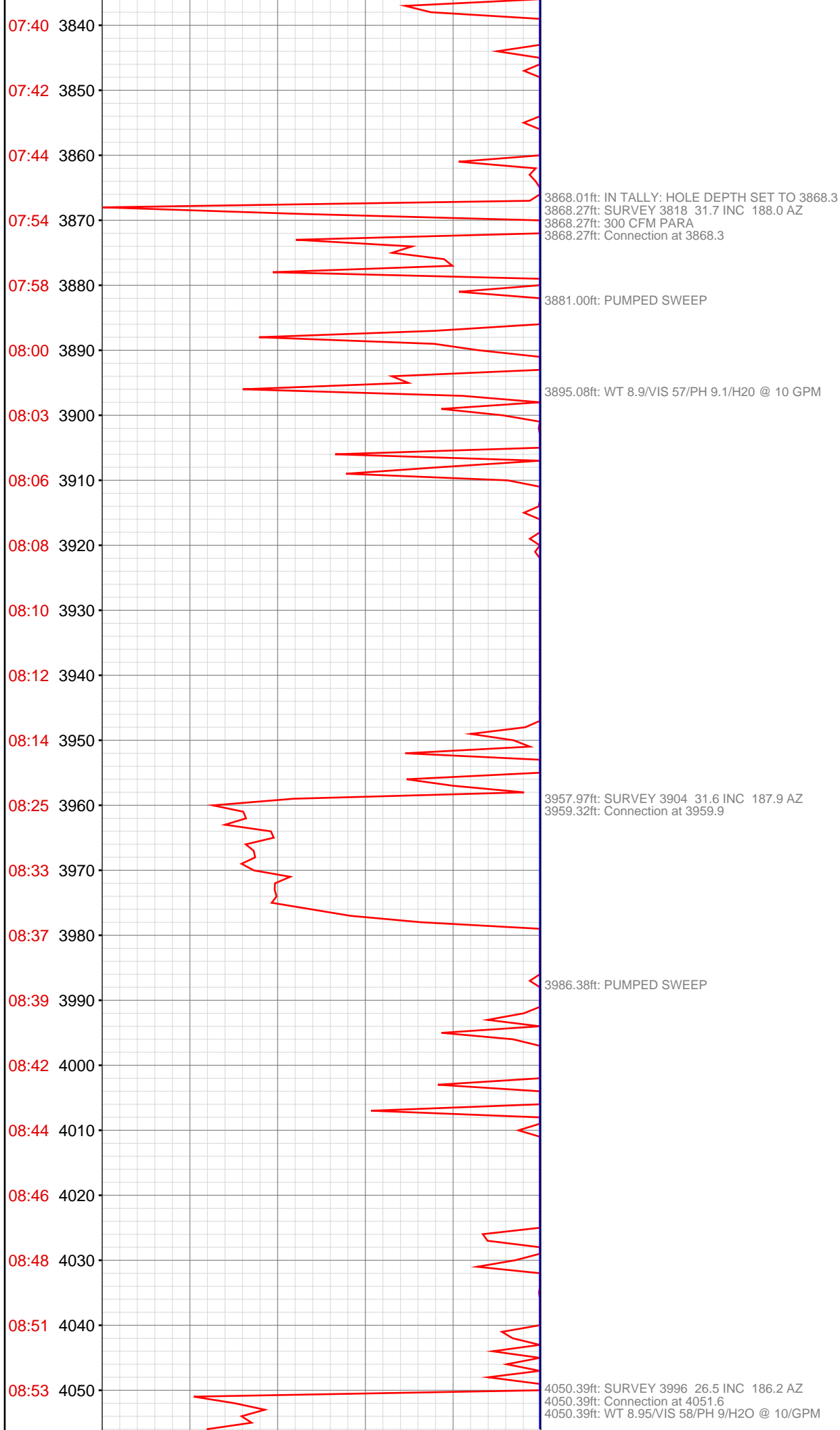
3045.00ft: Connection at 3044.7

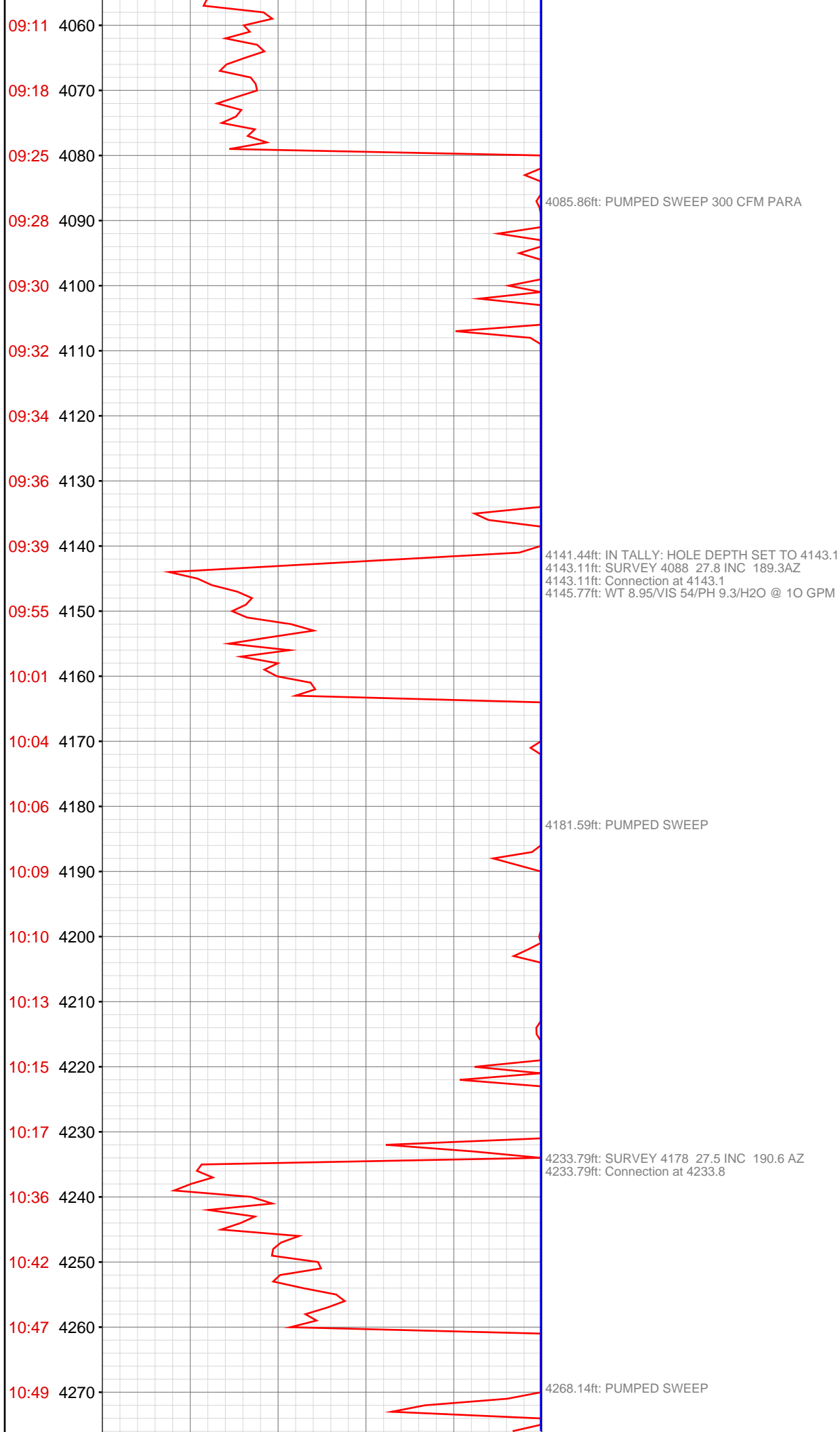
3168.47ft: MUD VIS 61.00
3169.00ft: MUD WEIGHT 8.75
3169.22ft: MUD PH 9.30

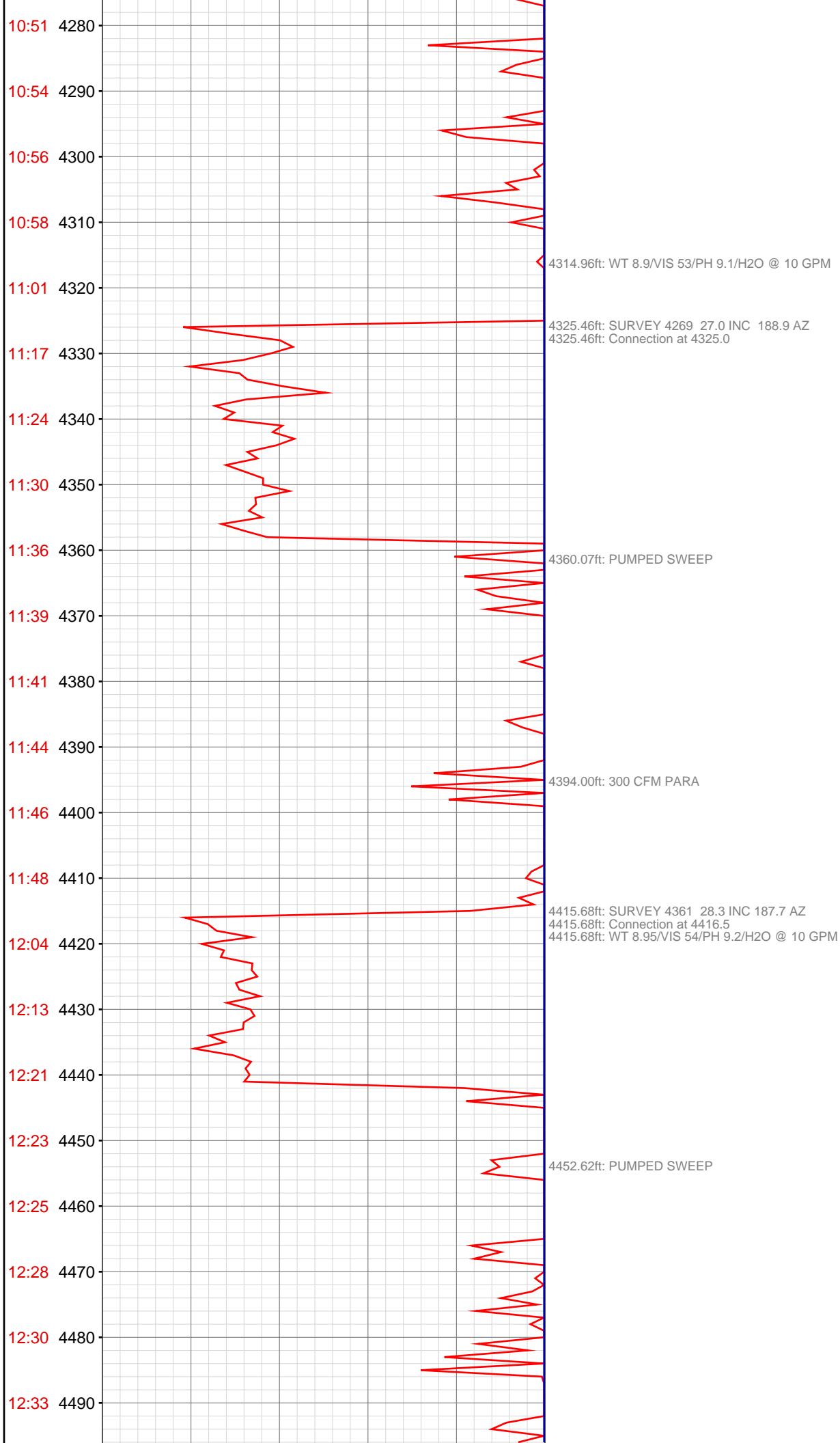


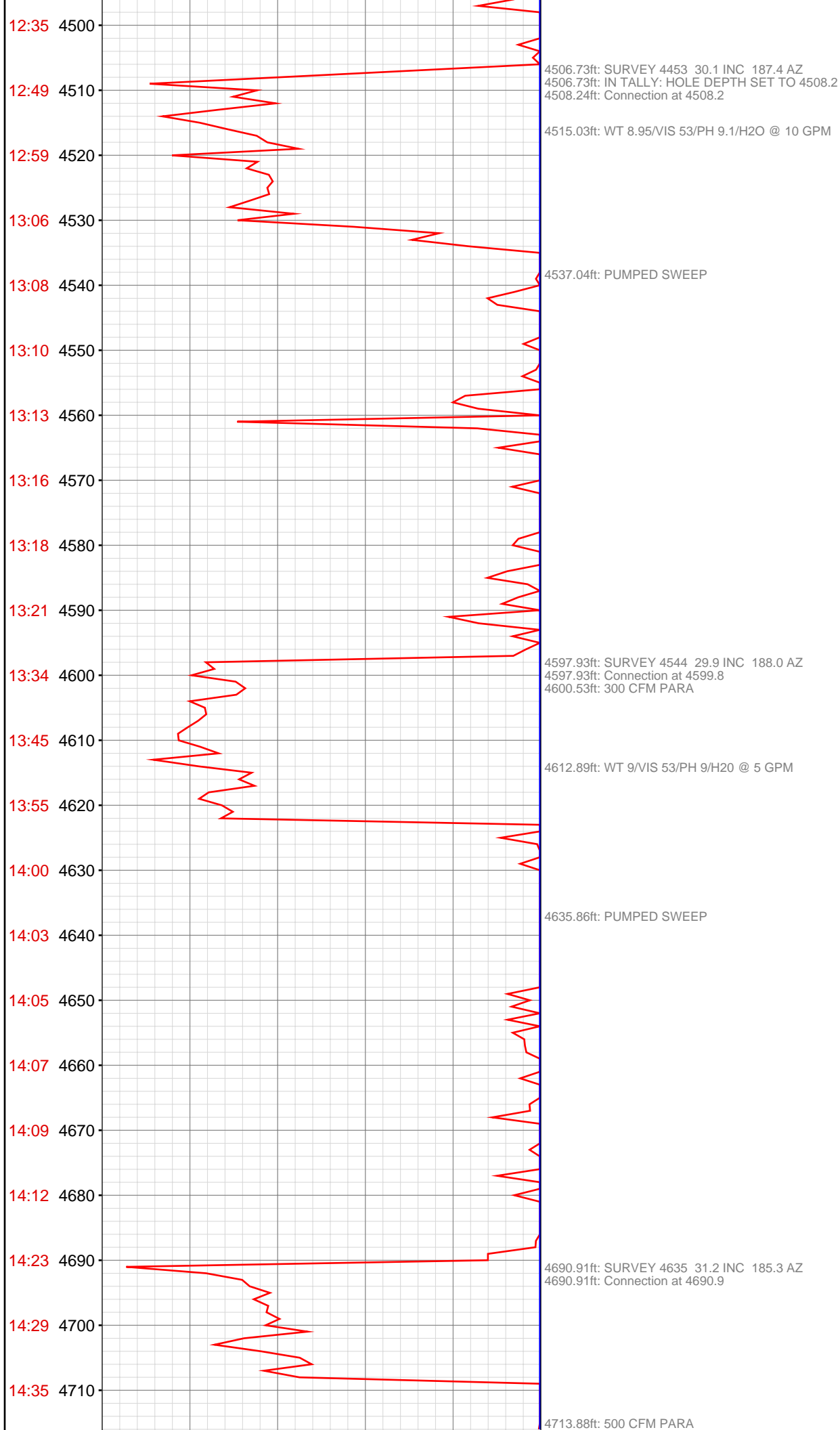












14:37 4720
14:39 4730
14:42 4740
14:44 4750
14:47 4760
14:49 4770
14:51 4780
15:09 4790
15:16 4800
15:21 4810
15:24 4820
15:26 4830
15:29 4840
15:31 4850
15:33 4860
15:36 4870
15:58 4880
16:11 4890
16:13 4900
16:15 4910
16:18 4920
16:20 4930

4718.34ft: PUMPED SWEEP

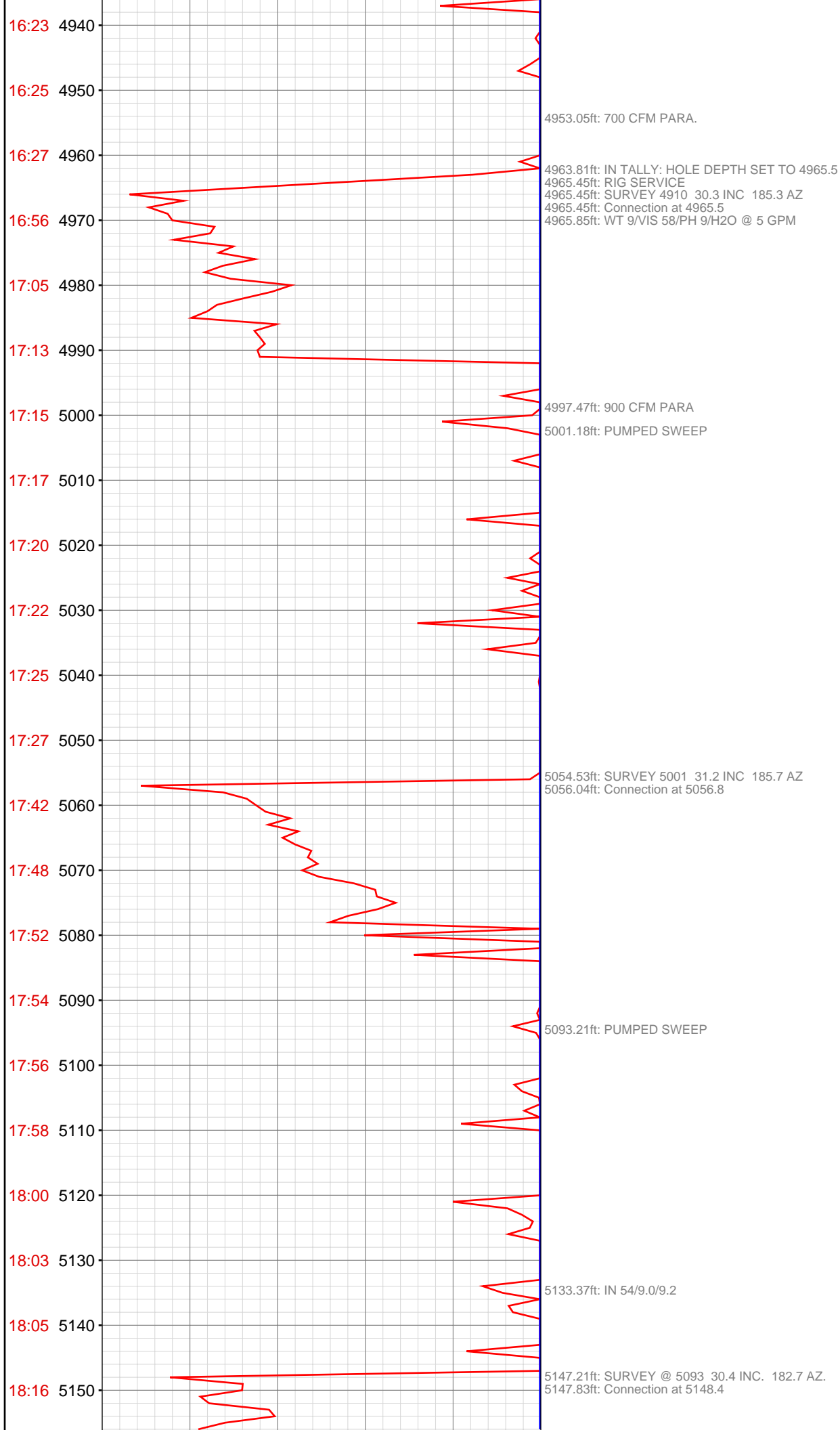
4772.57ft: 700 CFM PARA

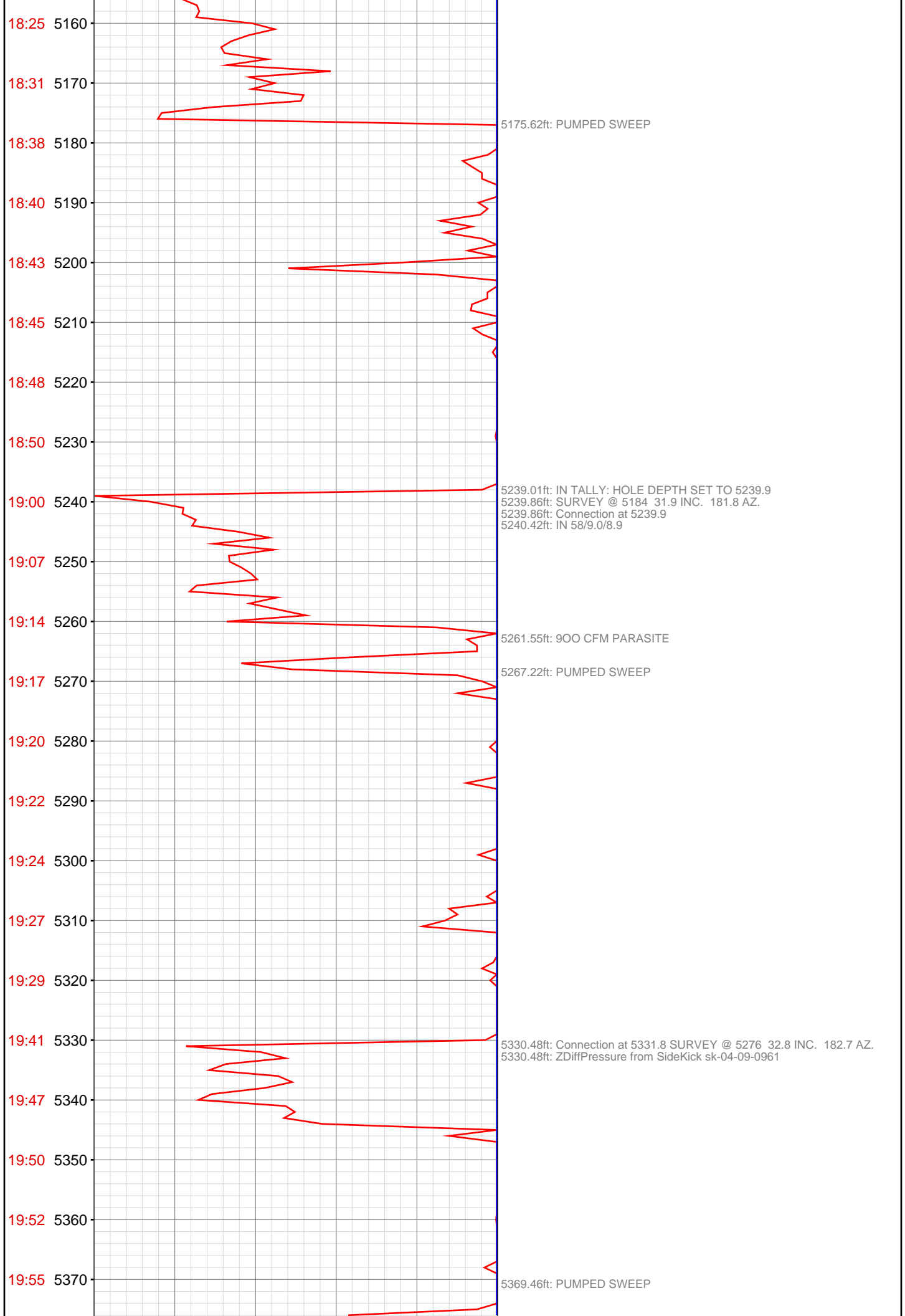
4782.09ft: SURVEY 4727 30.5 INC 183.1 AZ
4782.09ft: WT 8.95/VIS 54/PH 9.1/H2O @ 5 GPM
4782.09ft: Connection at 4782.5

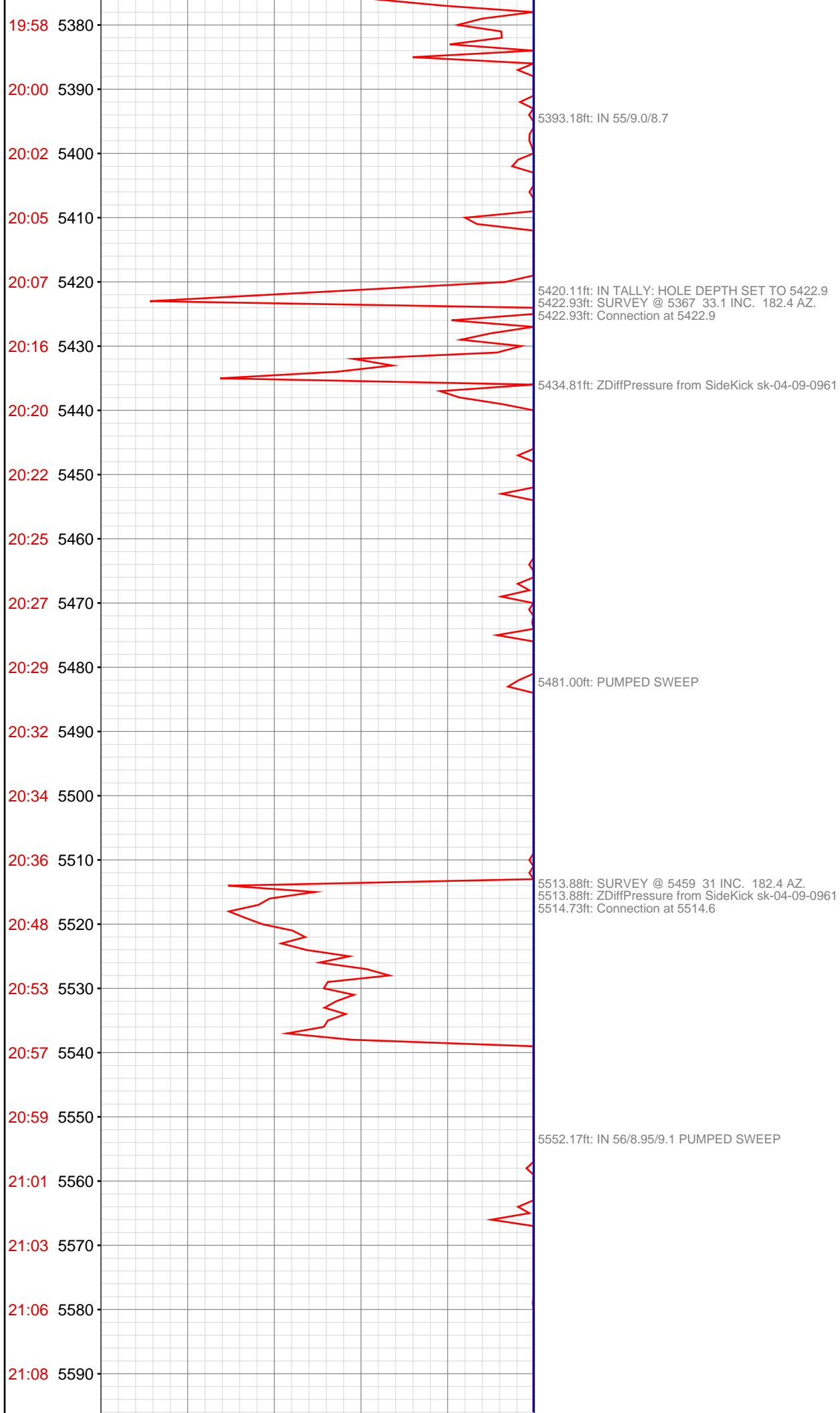
4814.21ft: PUMPED SWEEP

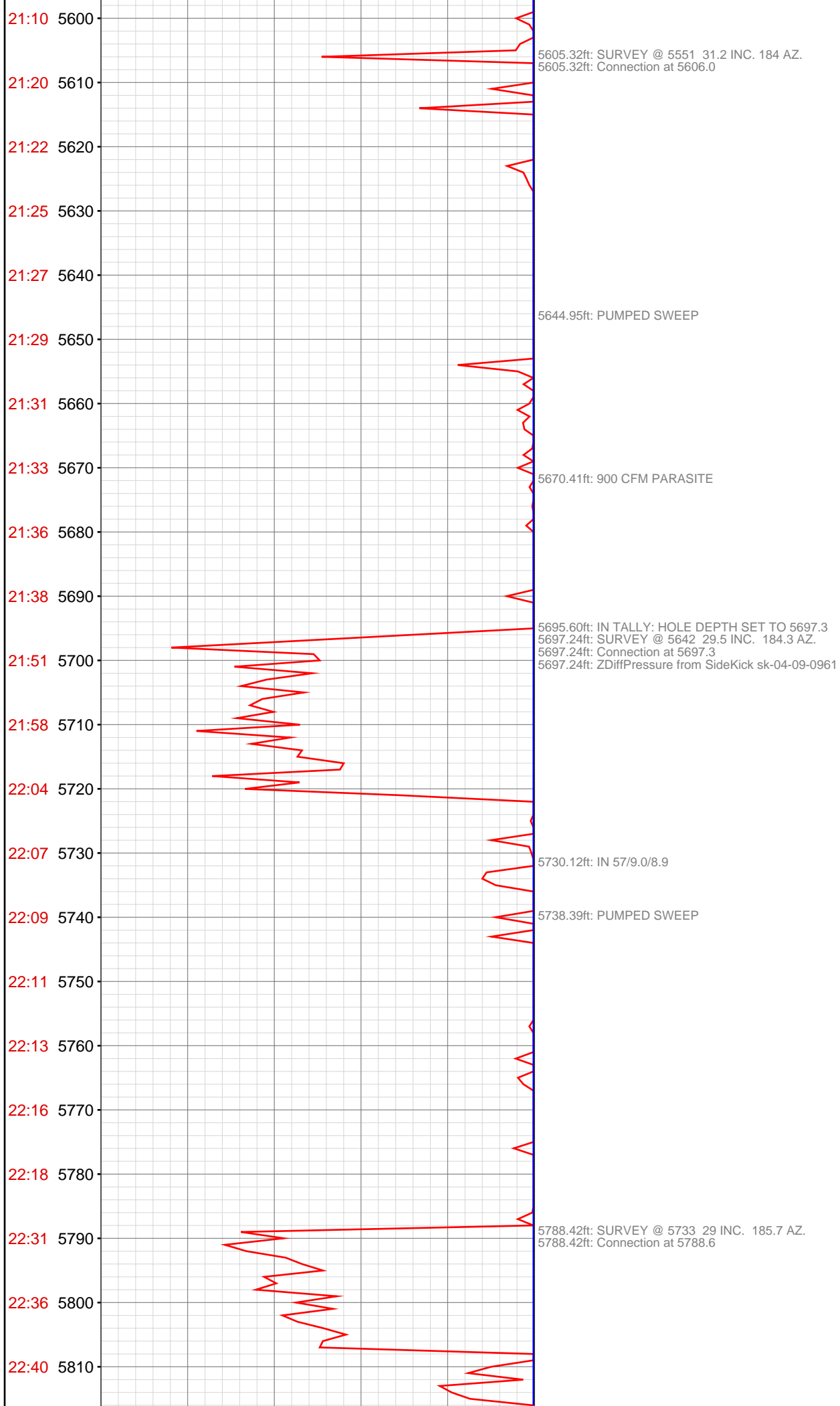
4873.79ft: SURVEY 4818 30.4 INC 183.0 AZ
4873.79ft: Connection at 4873.8
4876.84ft: WT 9.95/VIS 57/PH 9/H2O @ 5 GPM

4893.86ft: PUMPED SWEEP









22:42 5820

5820.18ft: 1100 CFM PARASITE

22:45 5830

22:47 5840

5838.48ft: PUMPED SWEEP

22:49 5850

22:52 5860

22:54 5870

23:10 5880

5879.49ft: Connection at 5880.0
5879.49ft: IN 58/8.95/8.7
5879.49ft: ZDiffPressure from SideKick sk-04-09-0961
5879.49ft: SURVEY @ 5825 29.5 INC. 187.2 AZ.

23:21 5890

23:26 5900

23:29 5910

23:31 5920

5924.57ft: PUMPED SWEEP

23:34 5930

23:37 5940

23:39 5950

23:42 5960

23:53 5970

5969.06ft: SURVEY@5916' INC 29.7 AZ 186.3
5969.06ft: ZDiffPressure from SideKick sk-04-09-0961
5969.06ft: Connection at 5971.6

May 30, 2013
00:02 5980

5981.53ft: IN 56/8.95/9.0

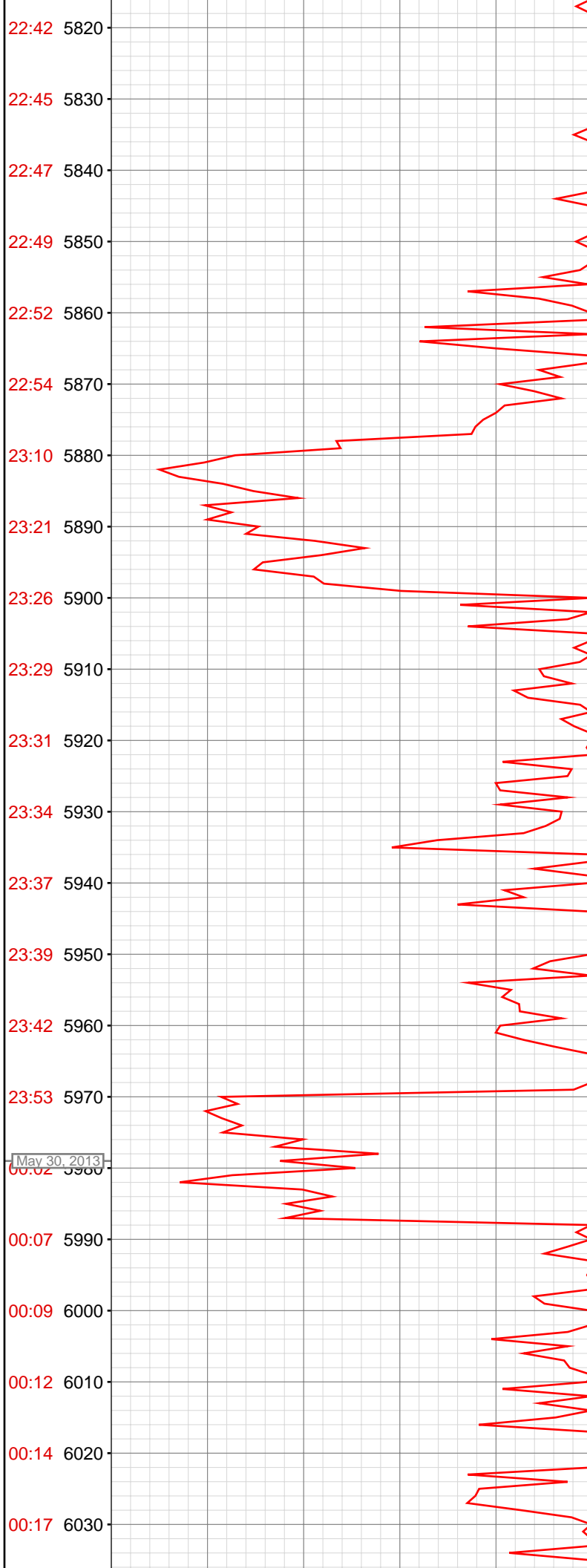
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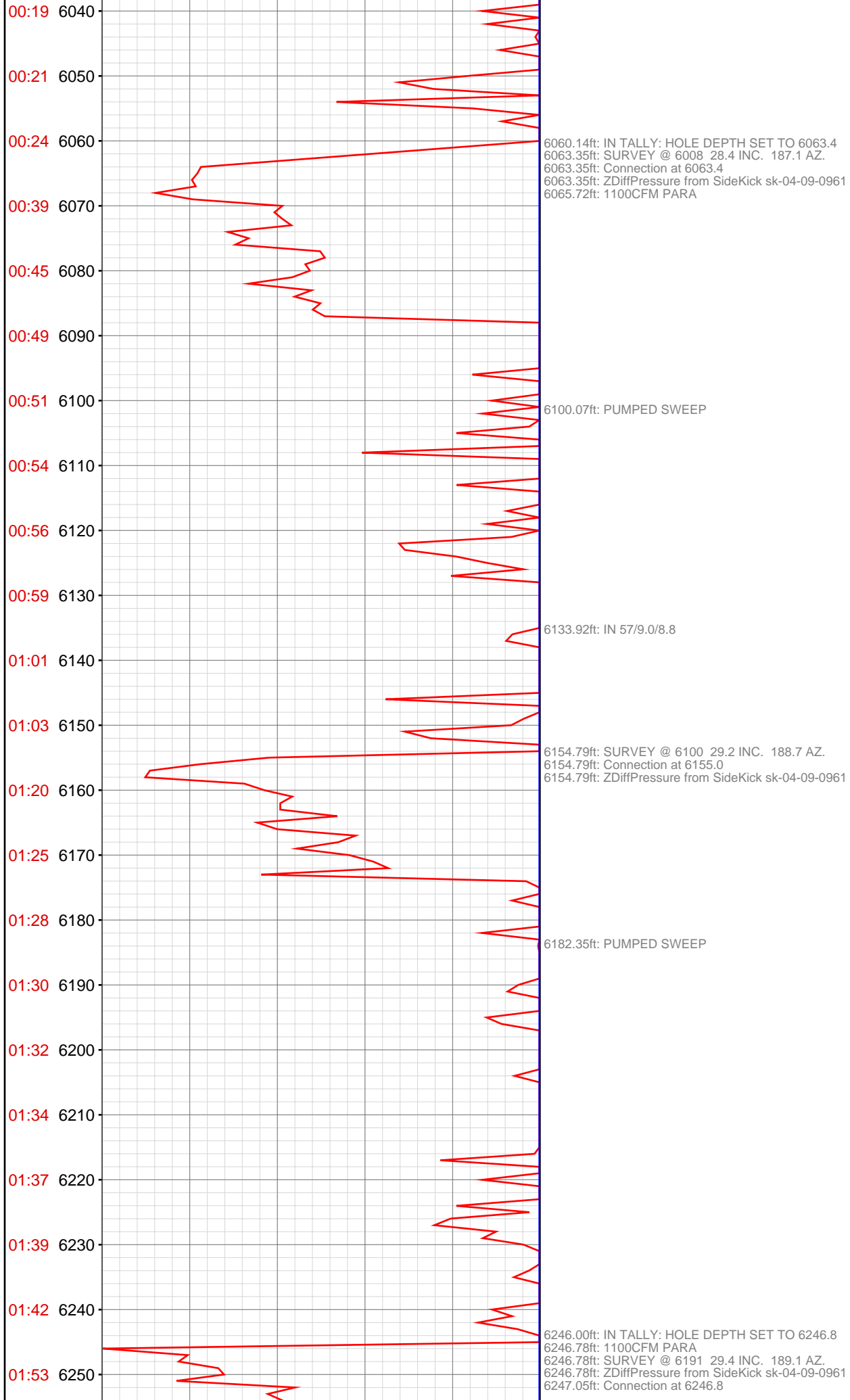
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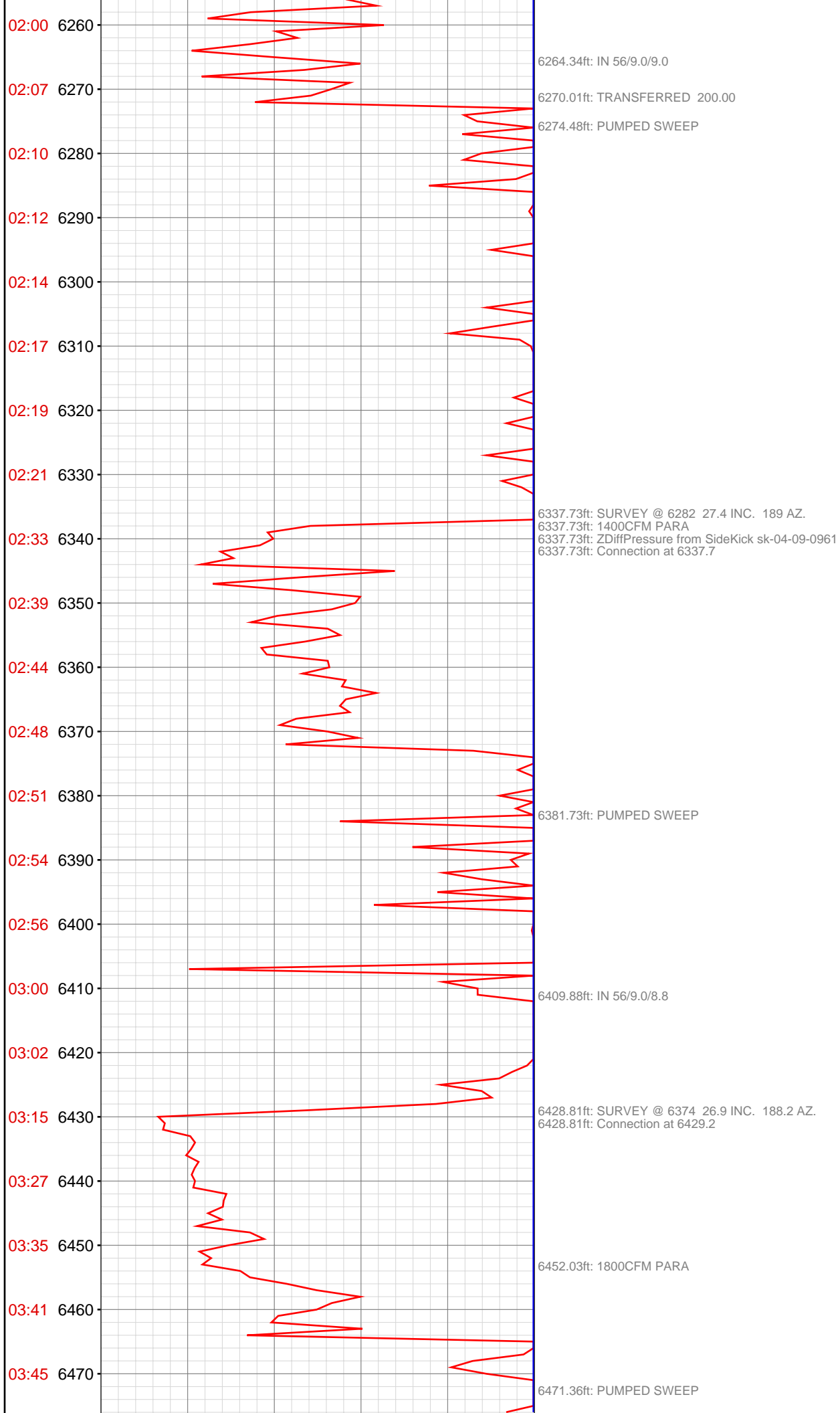
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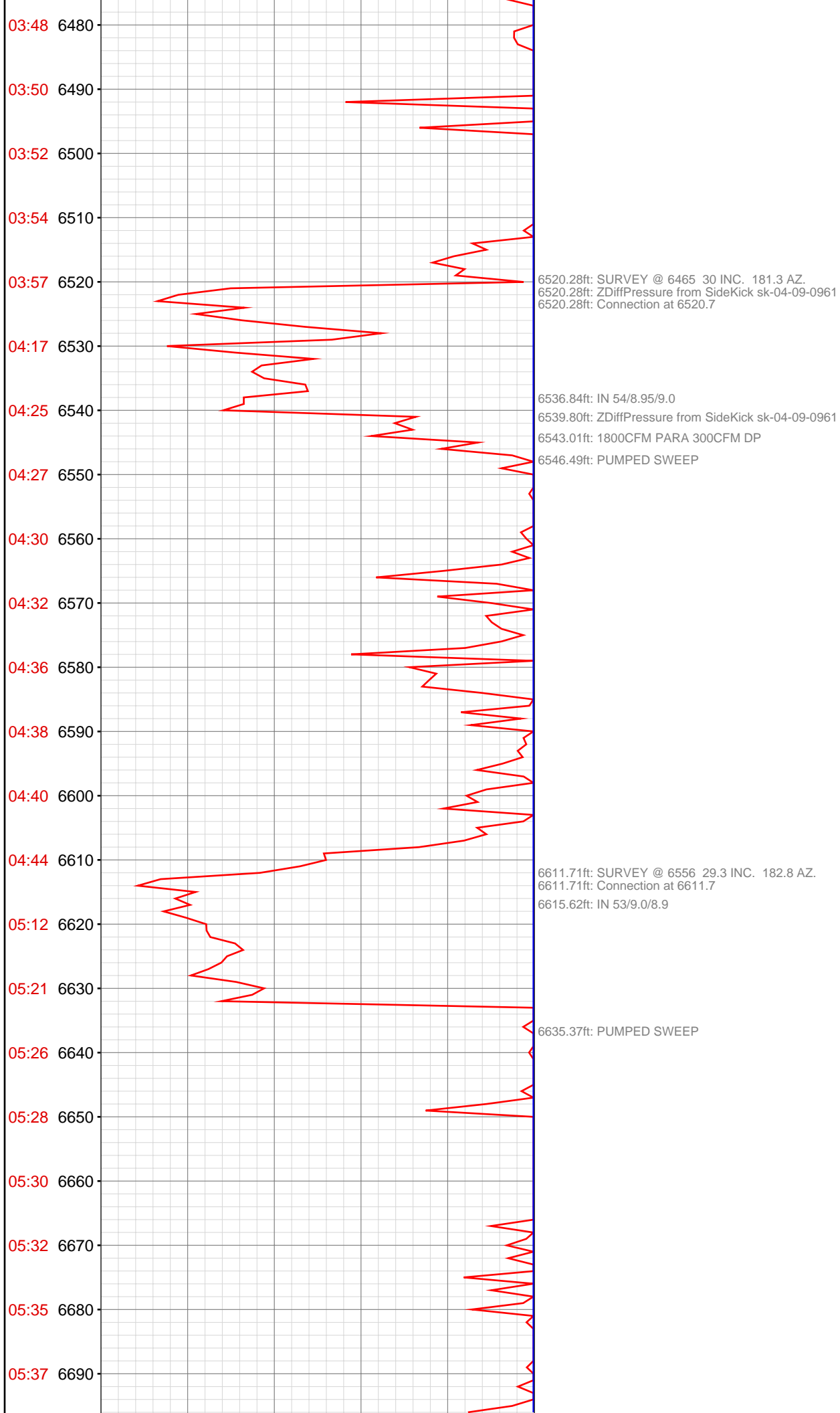
00:14 6020

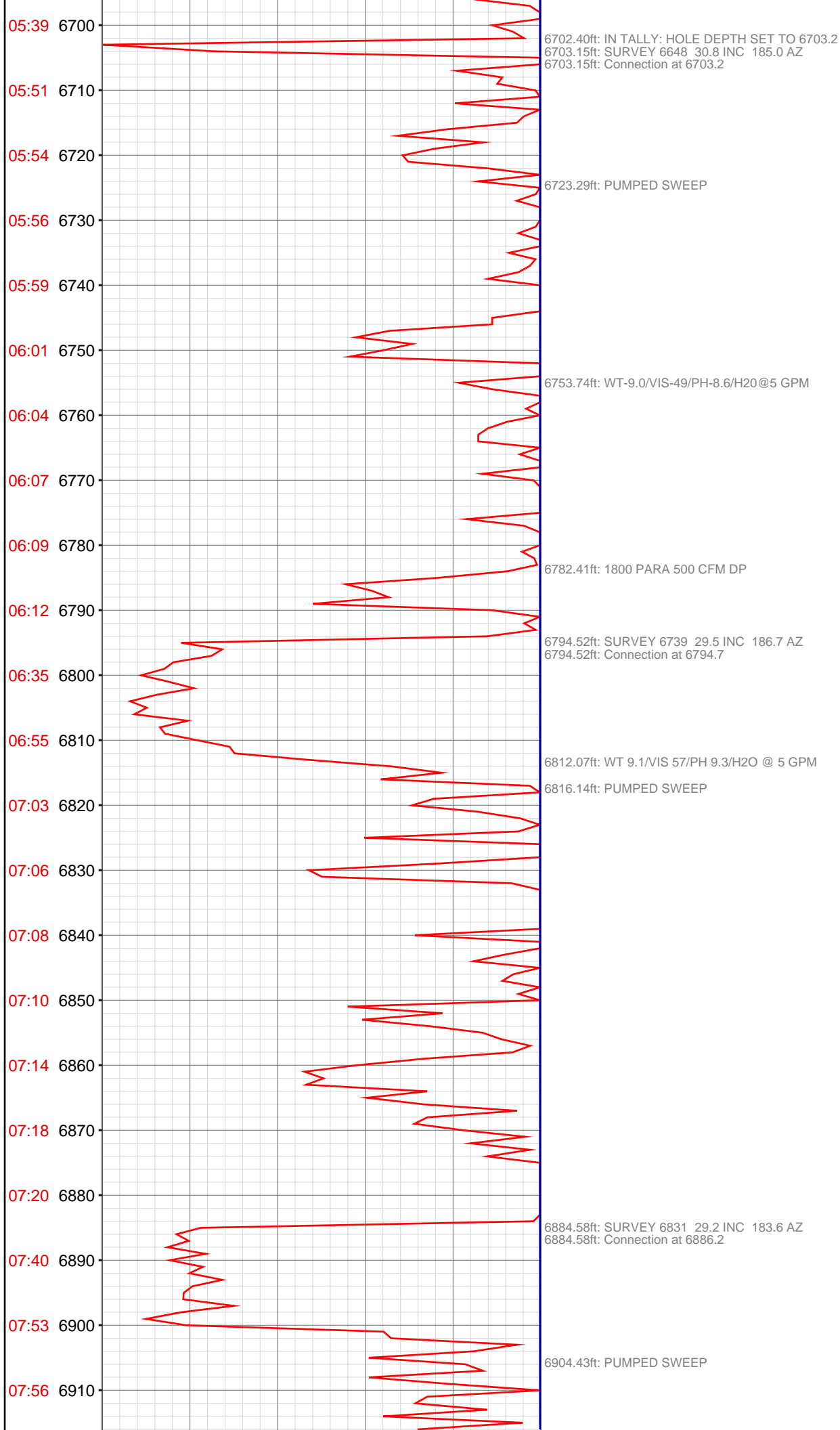
00:17 6030

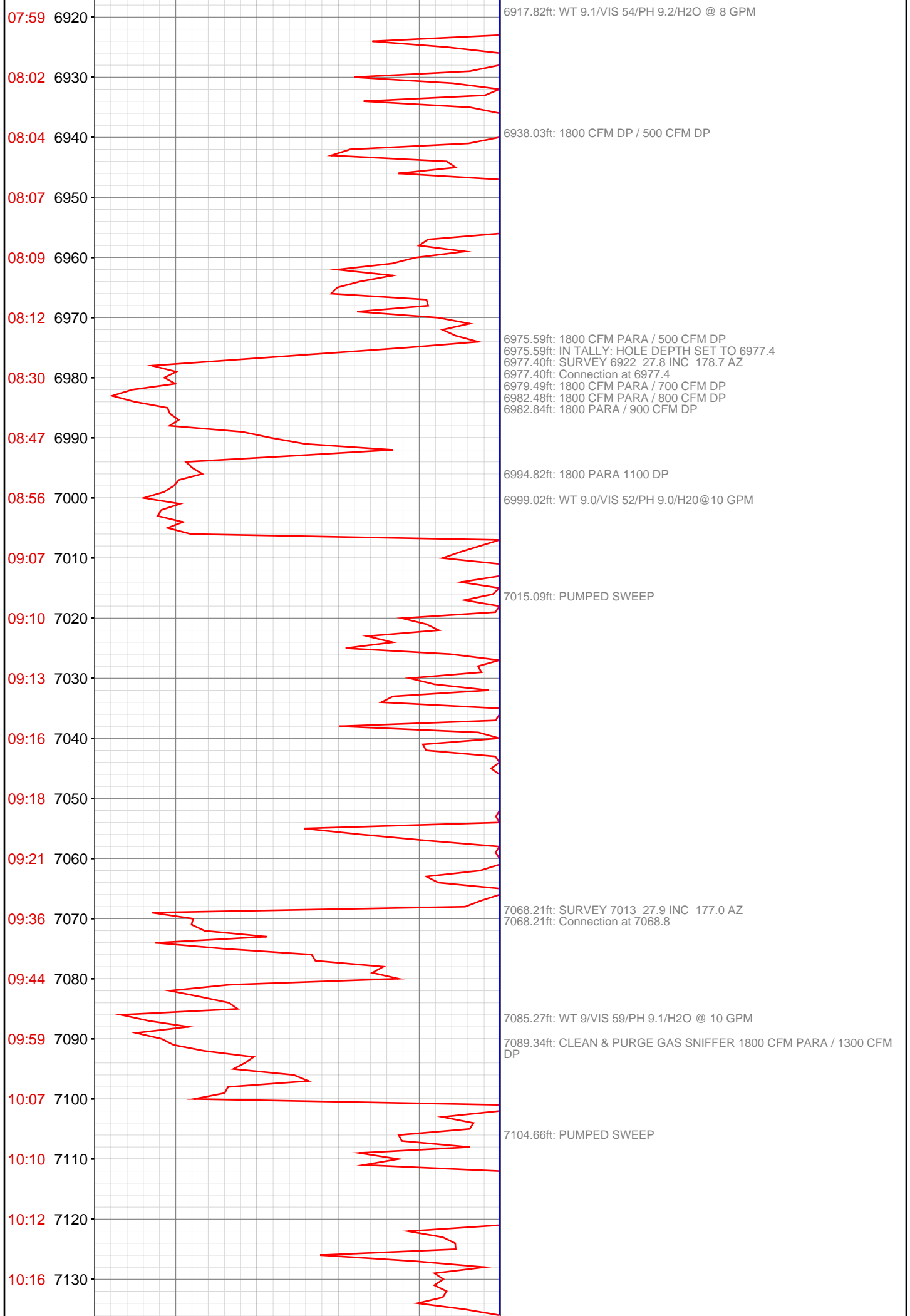


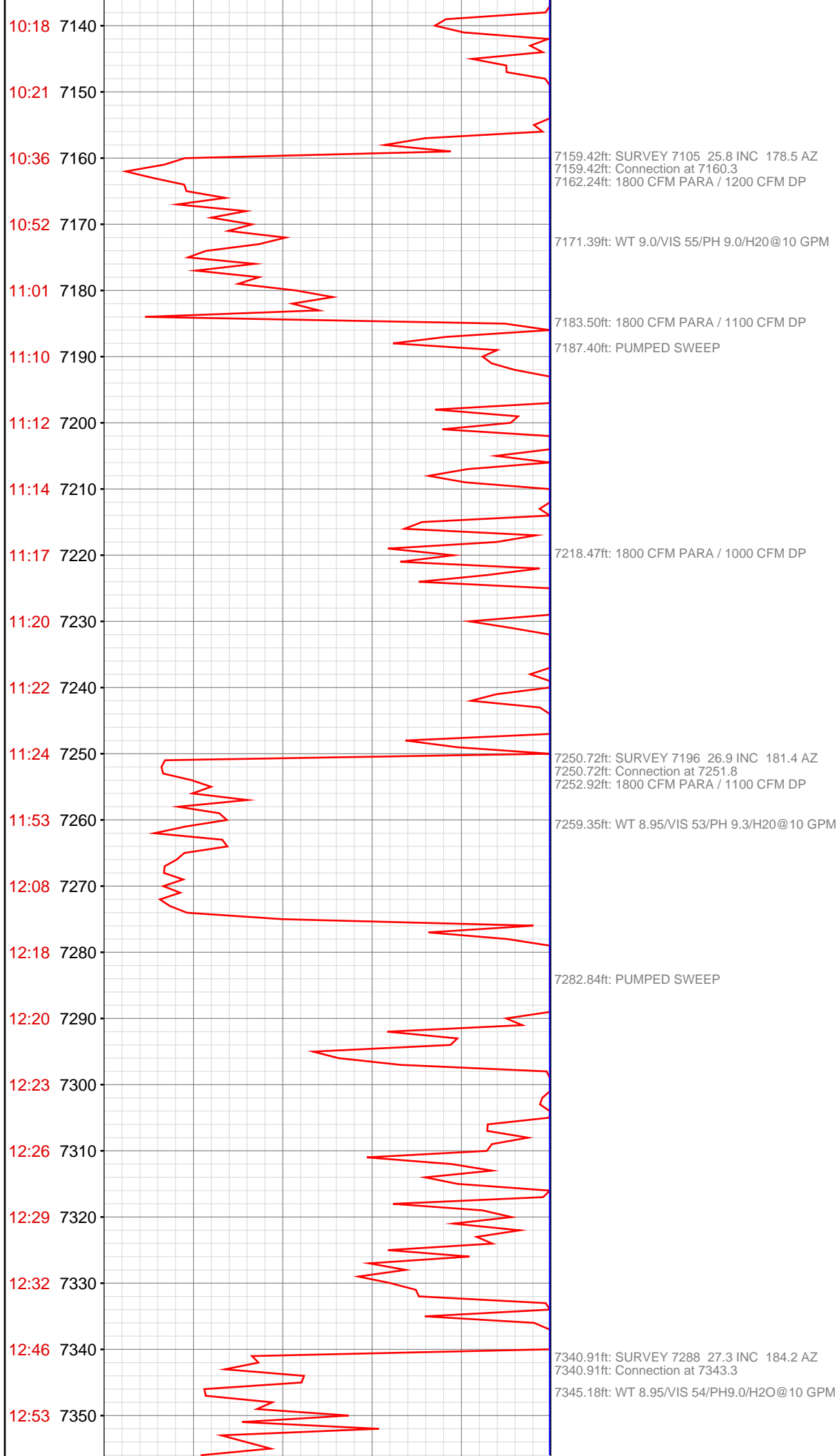


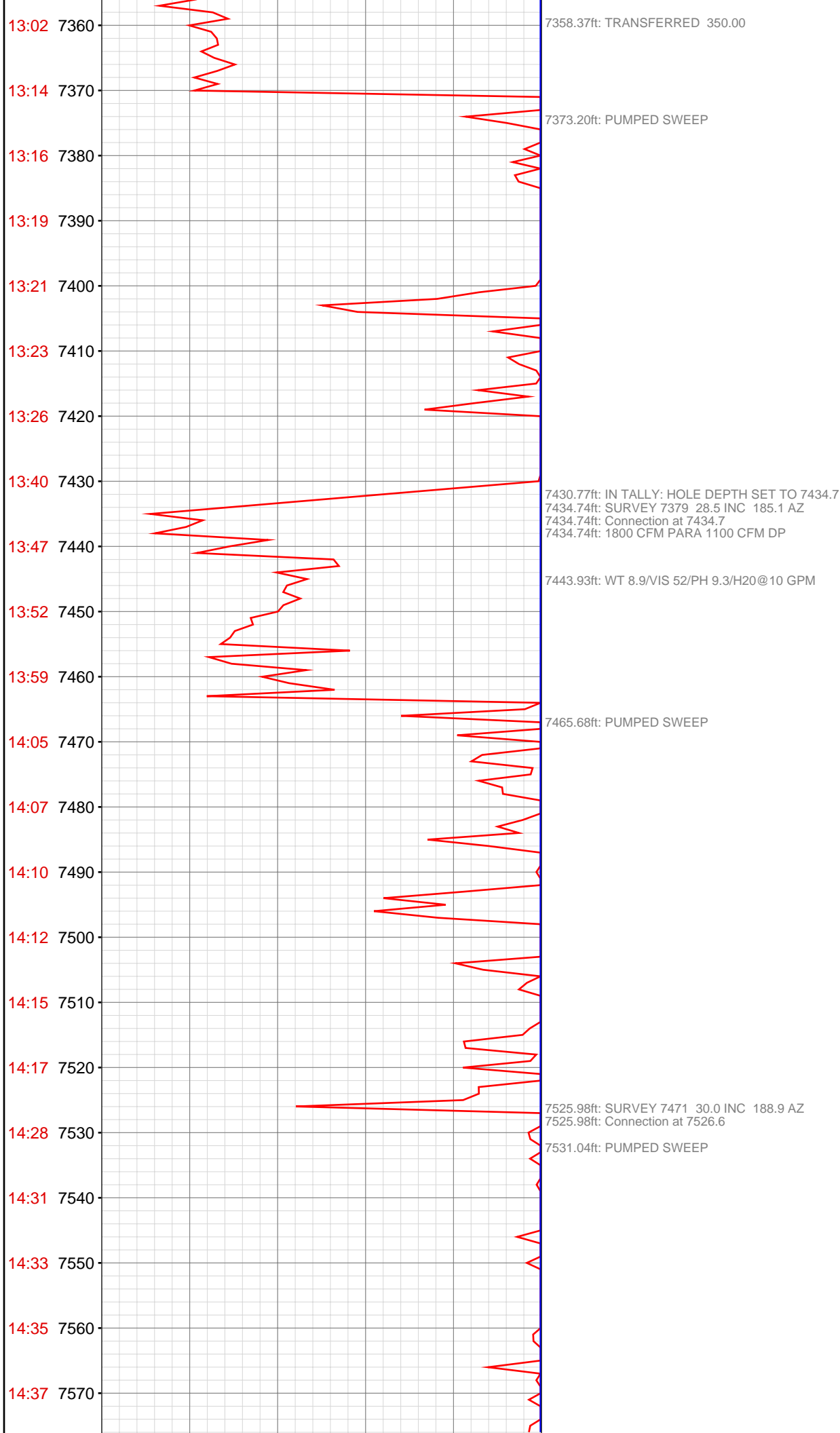


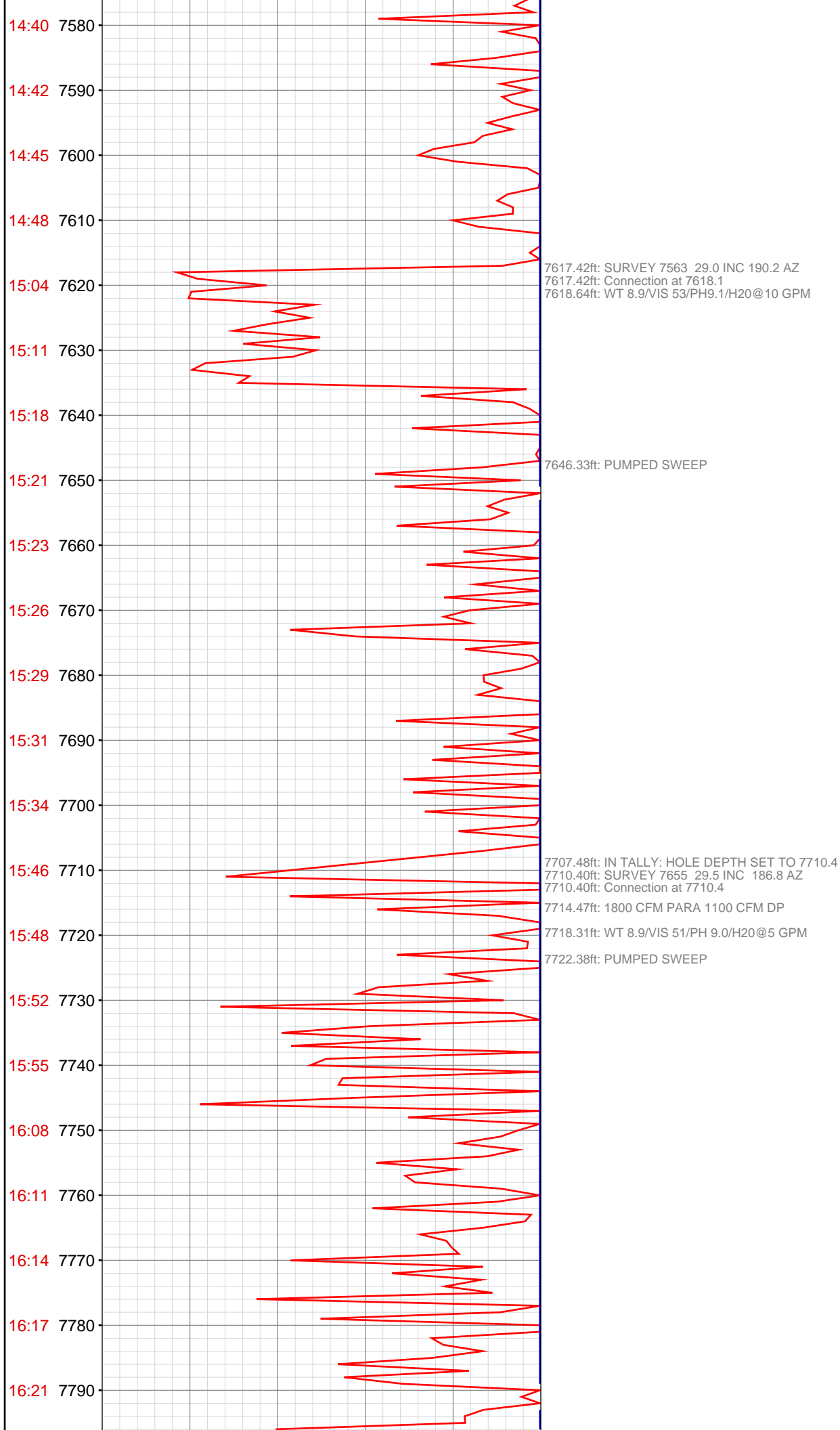


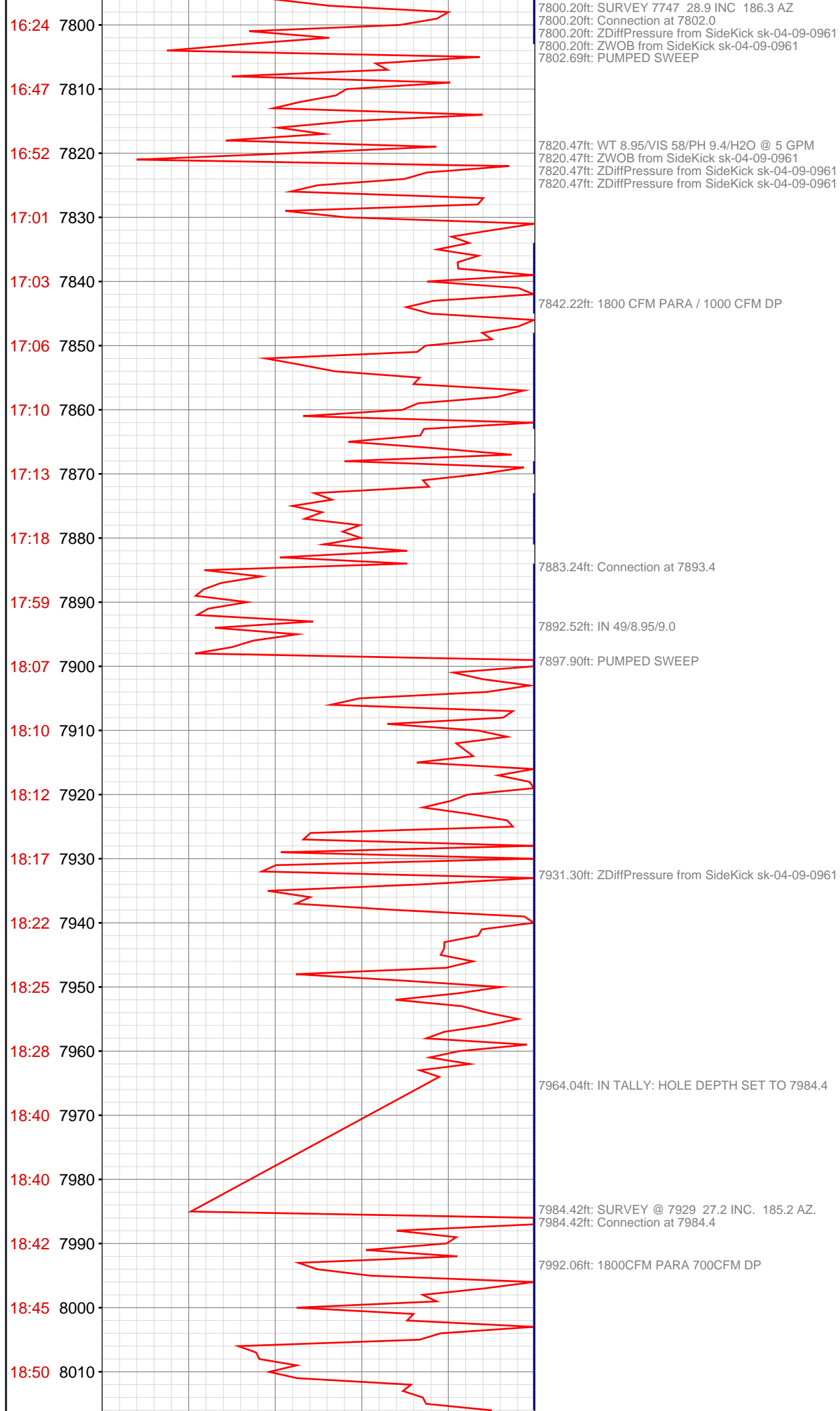


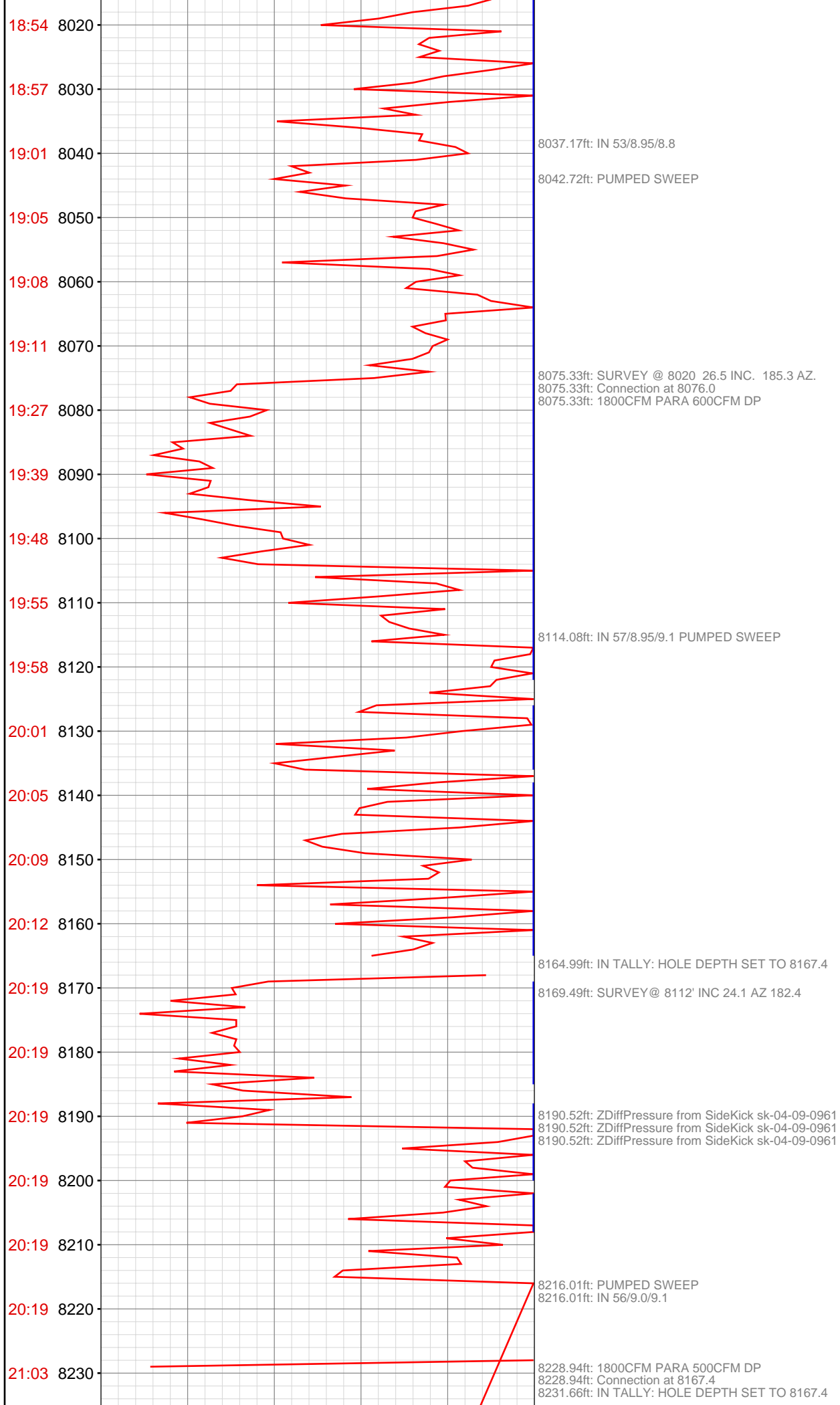


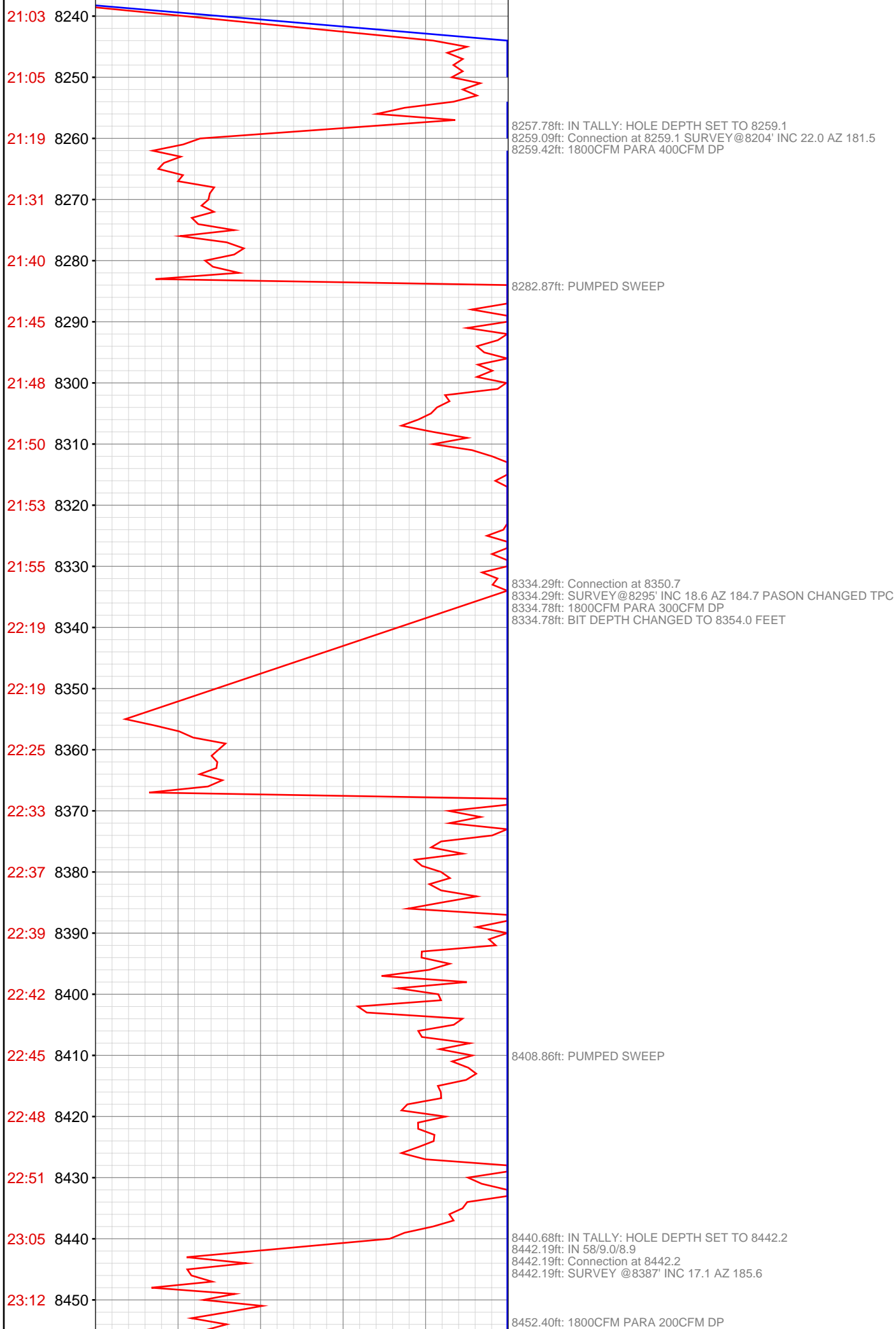


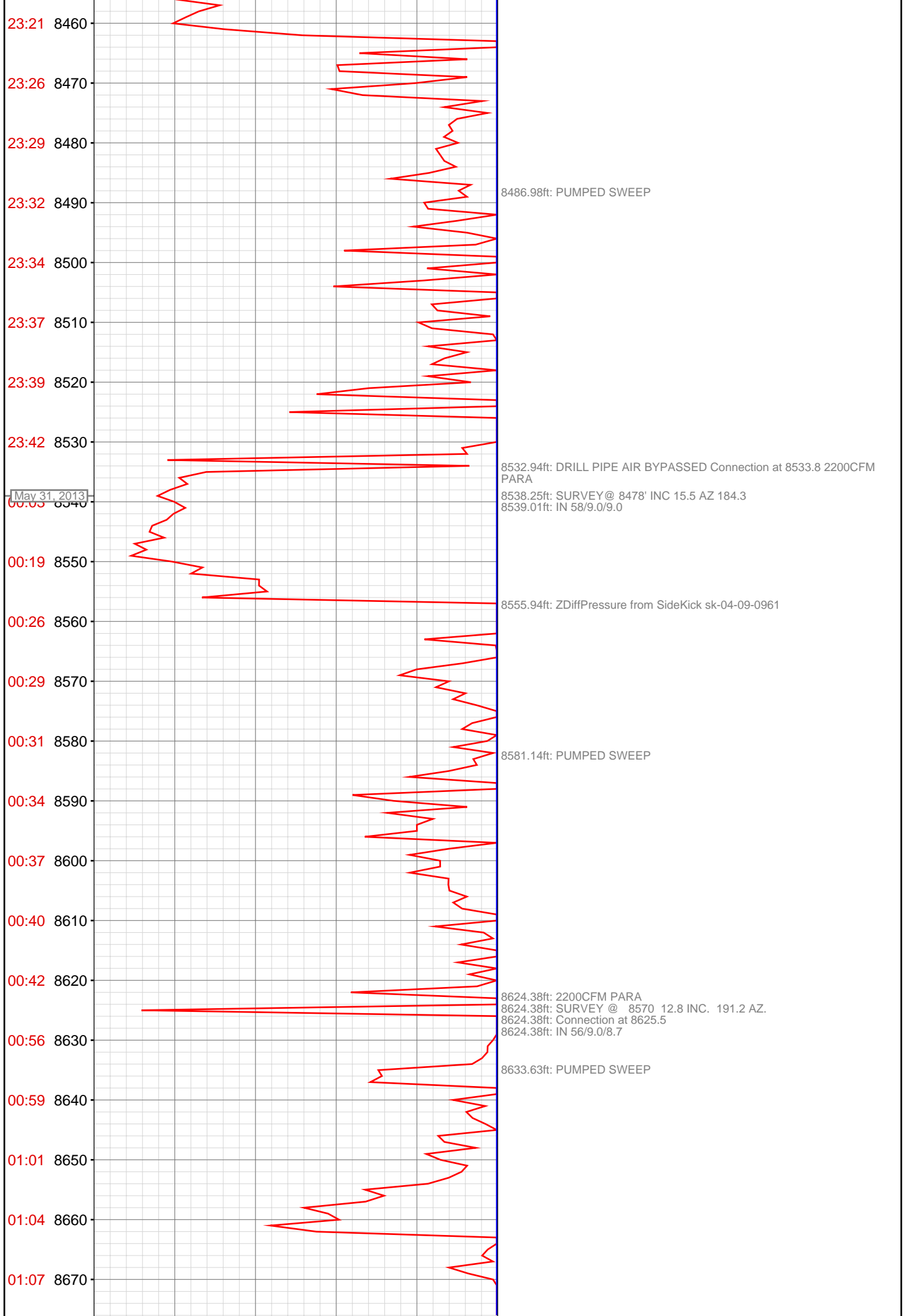


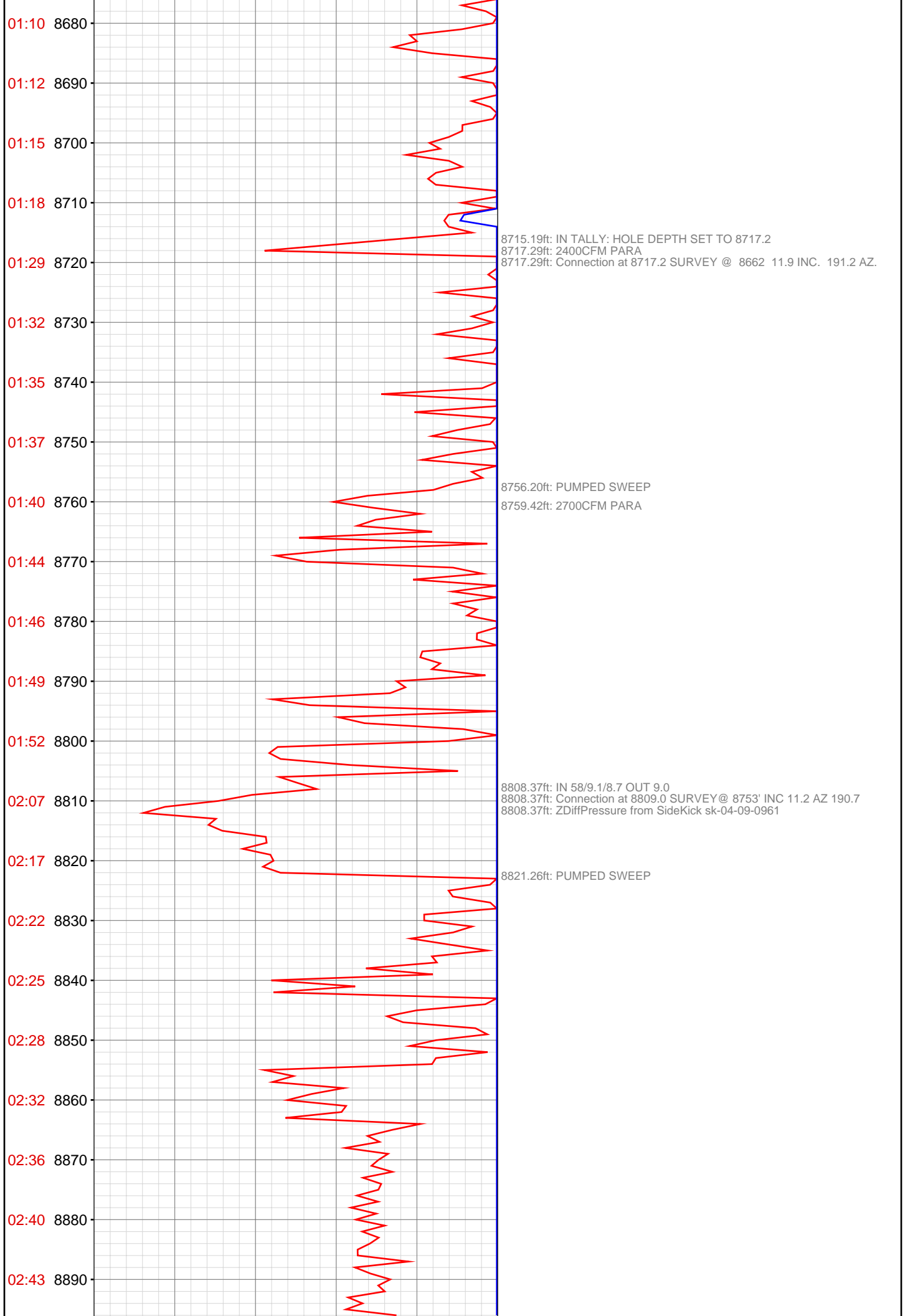


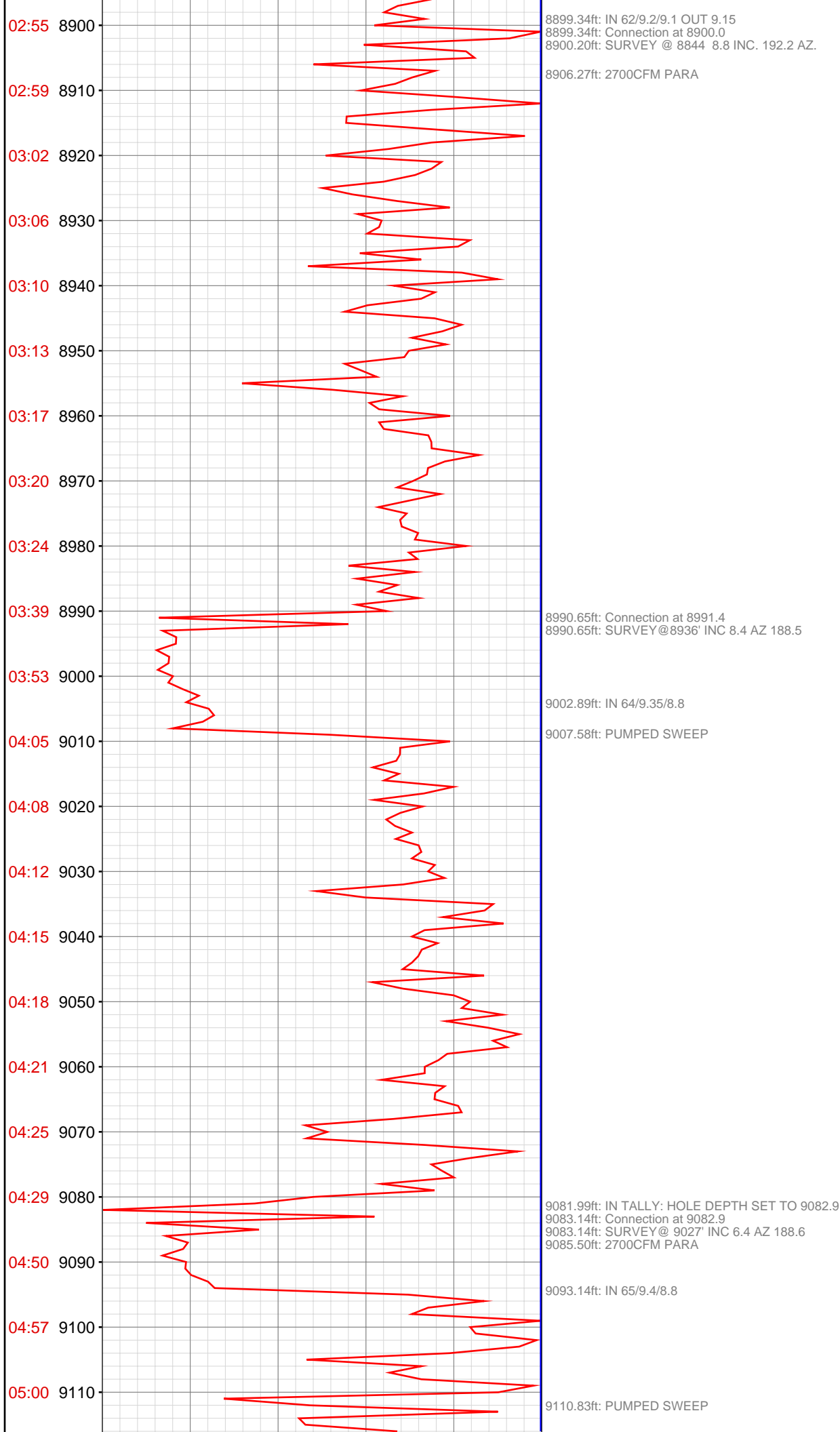


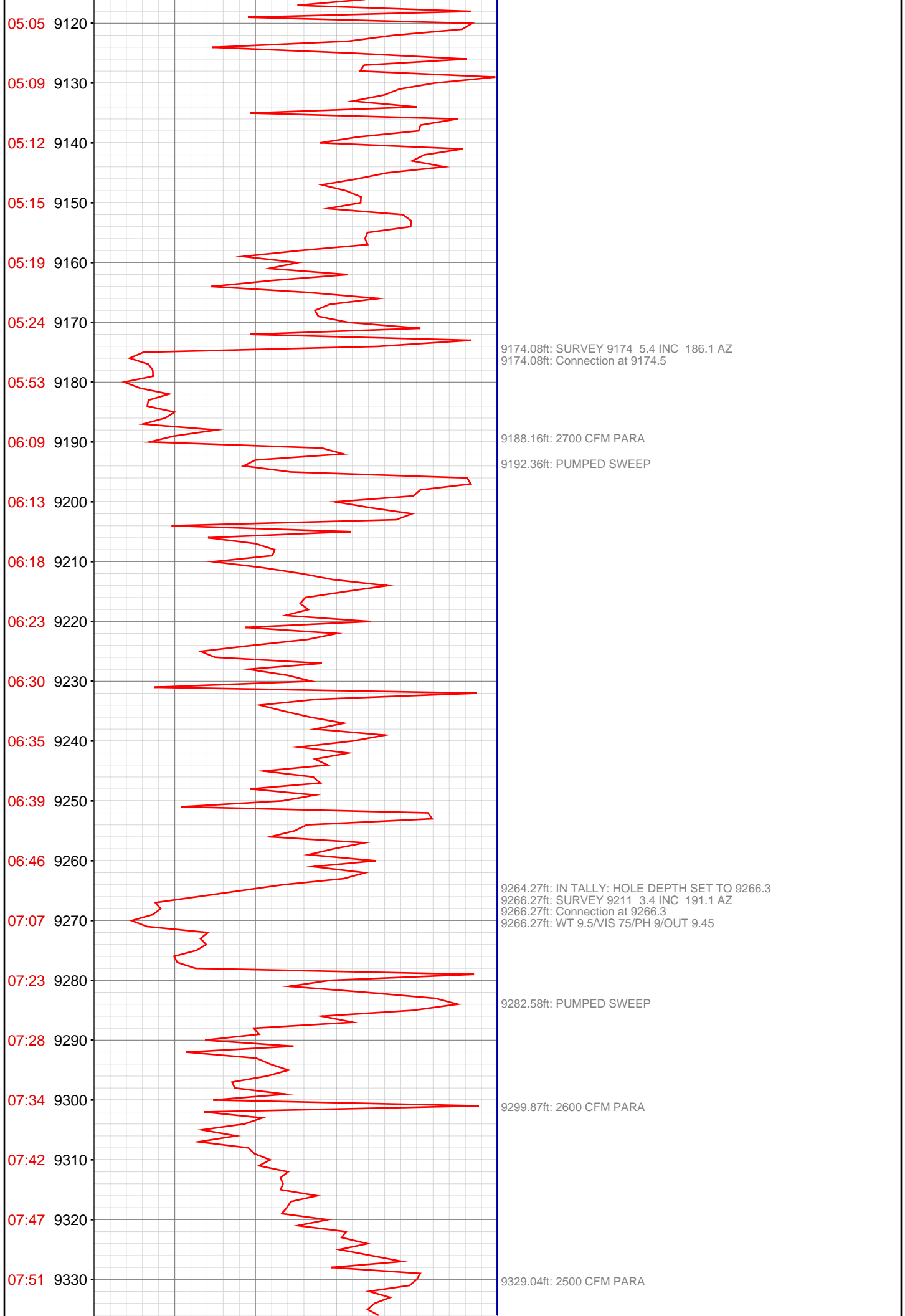


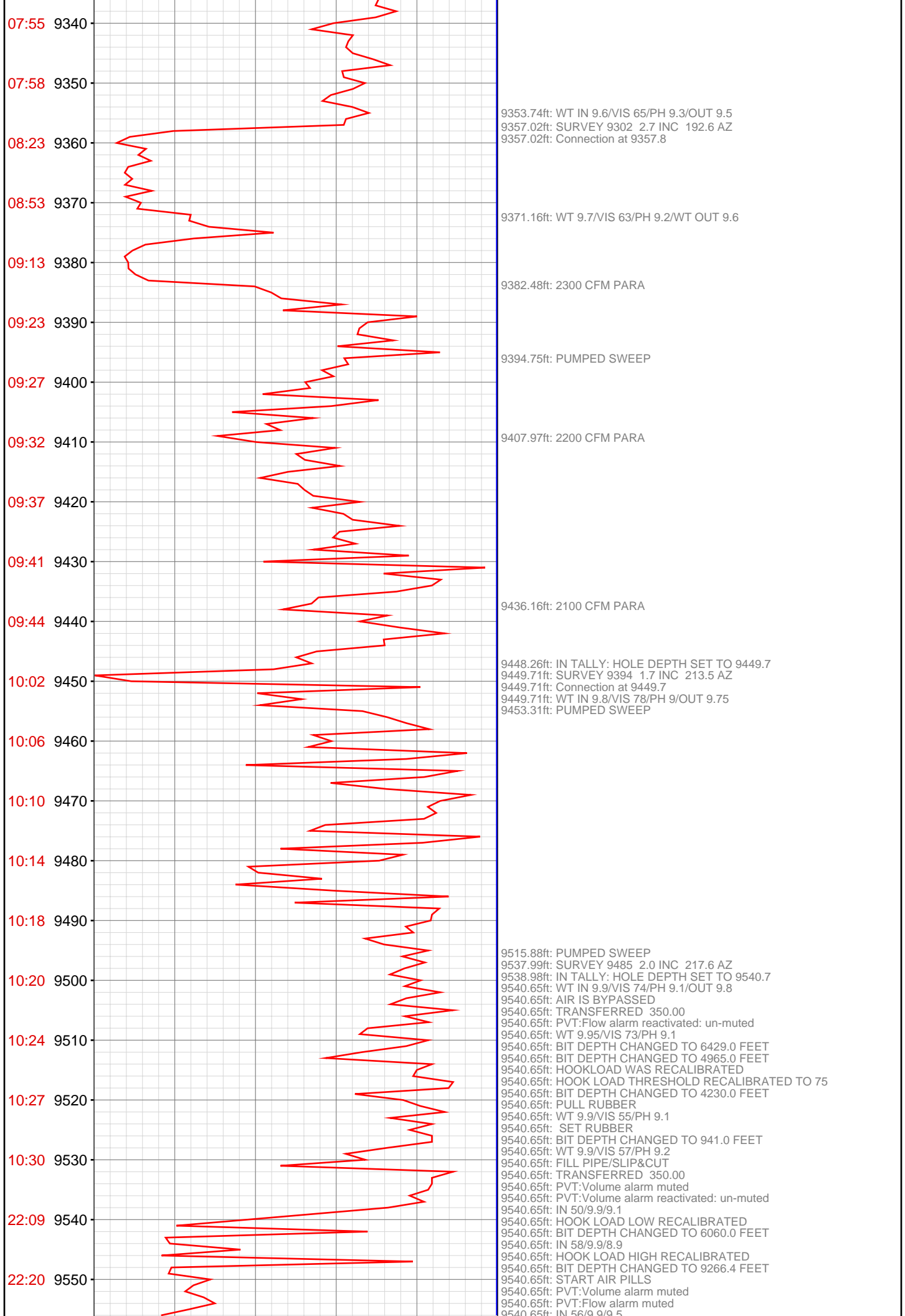


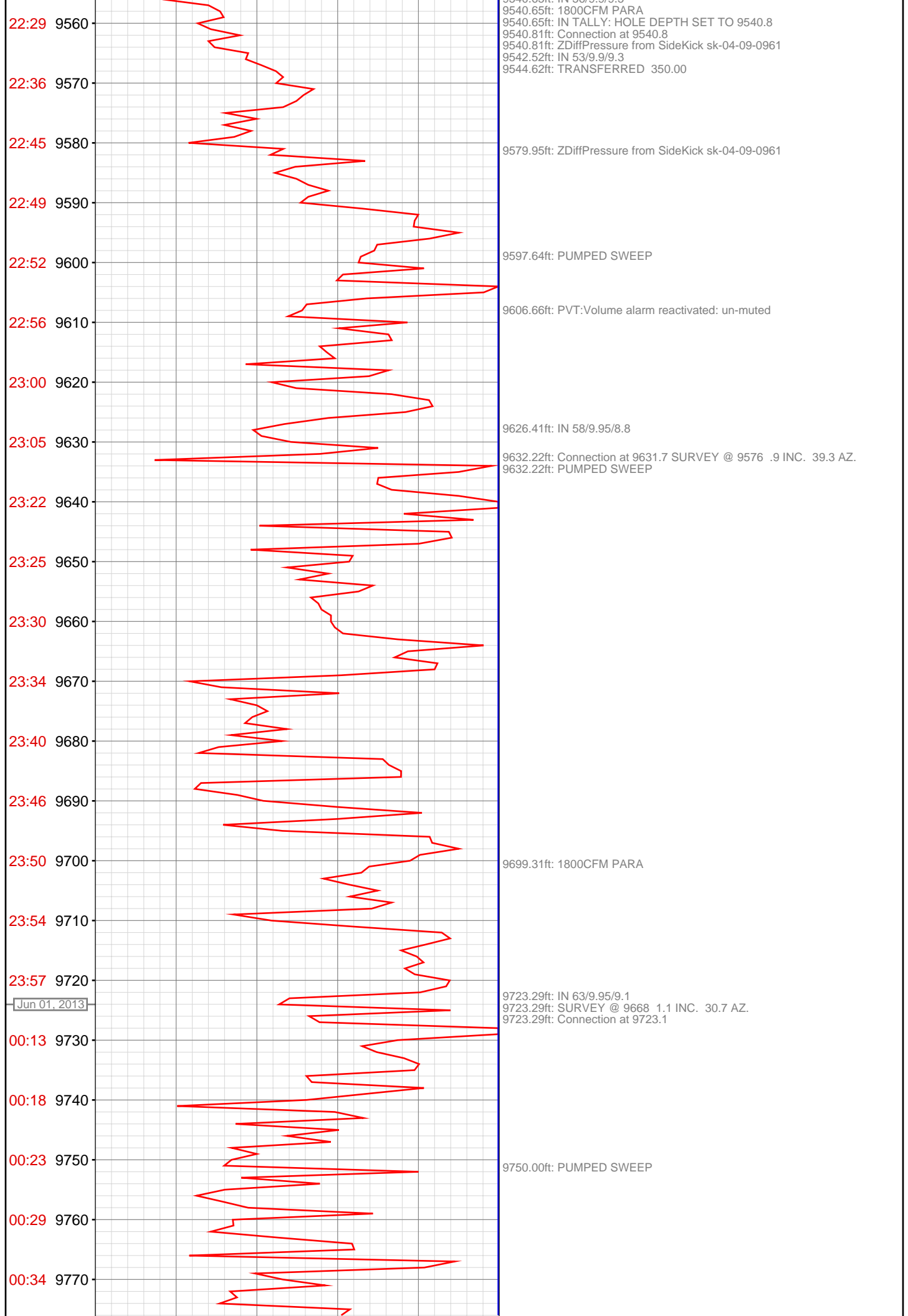


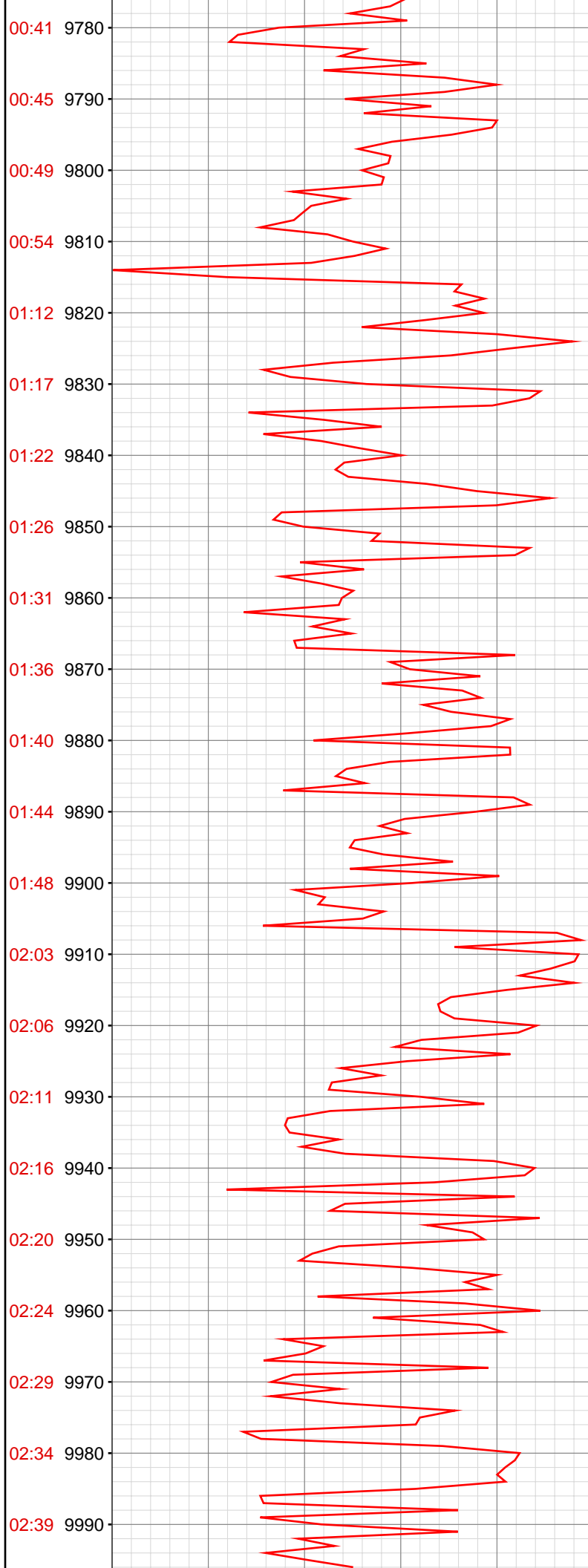








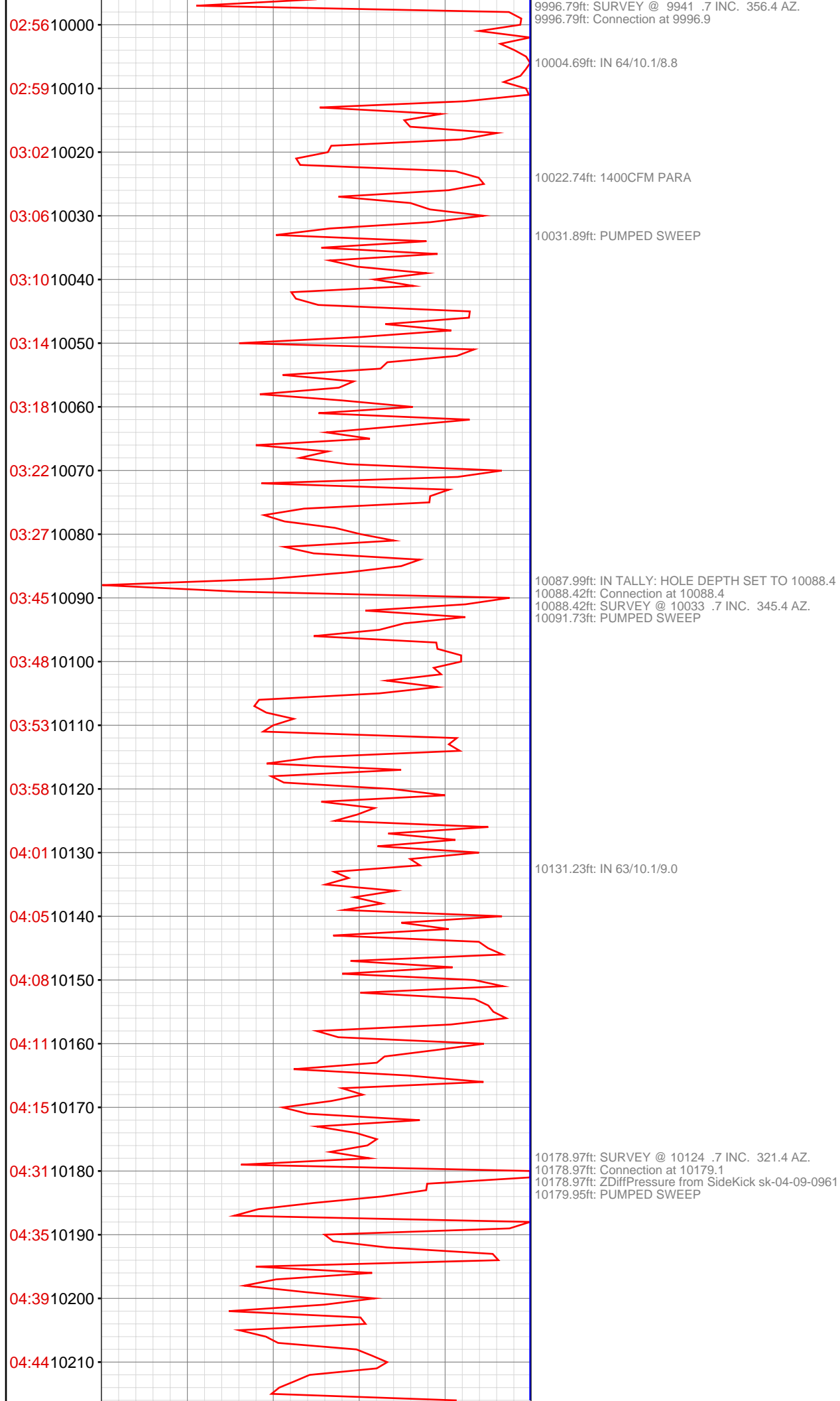


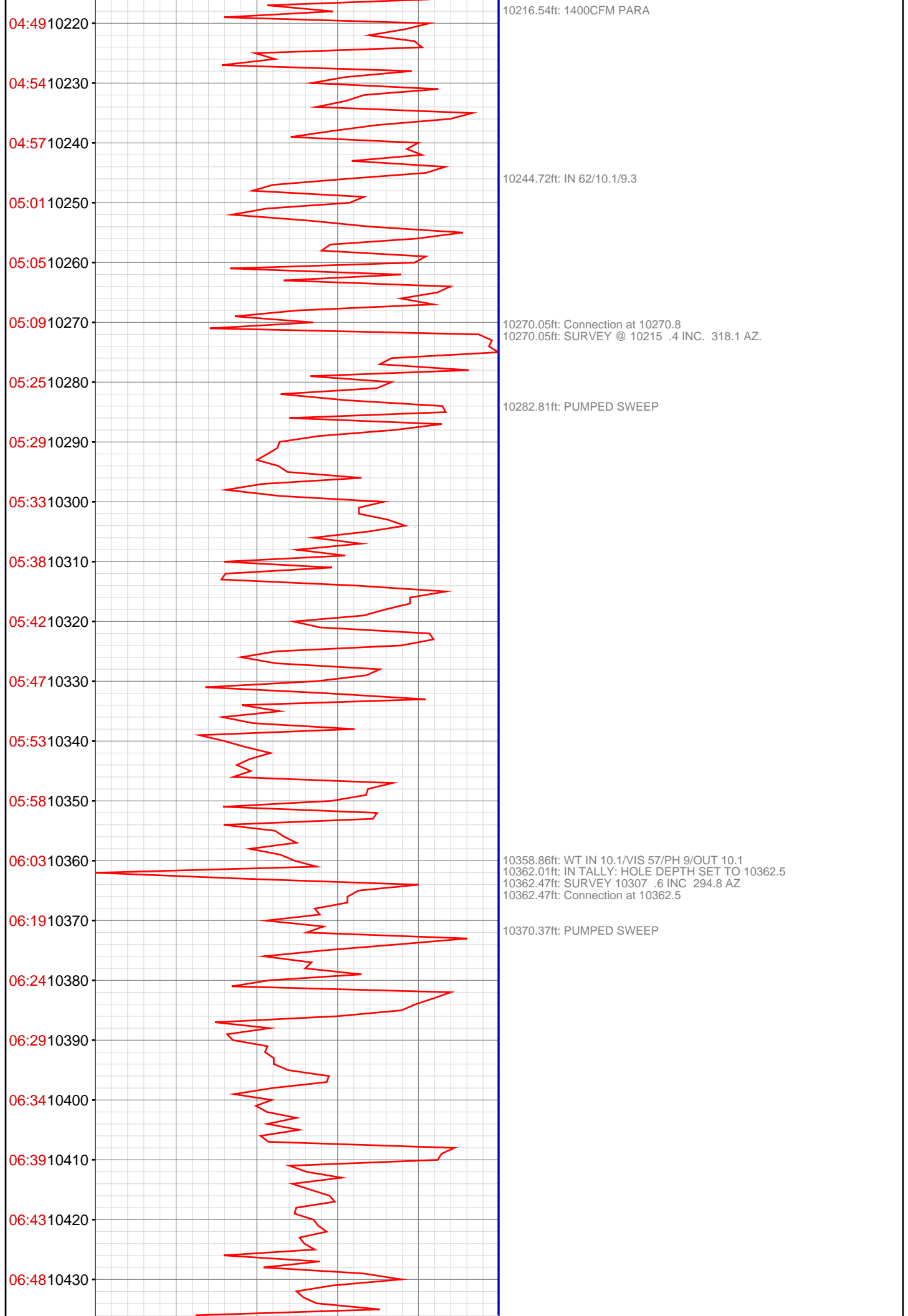


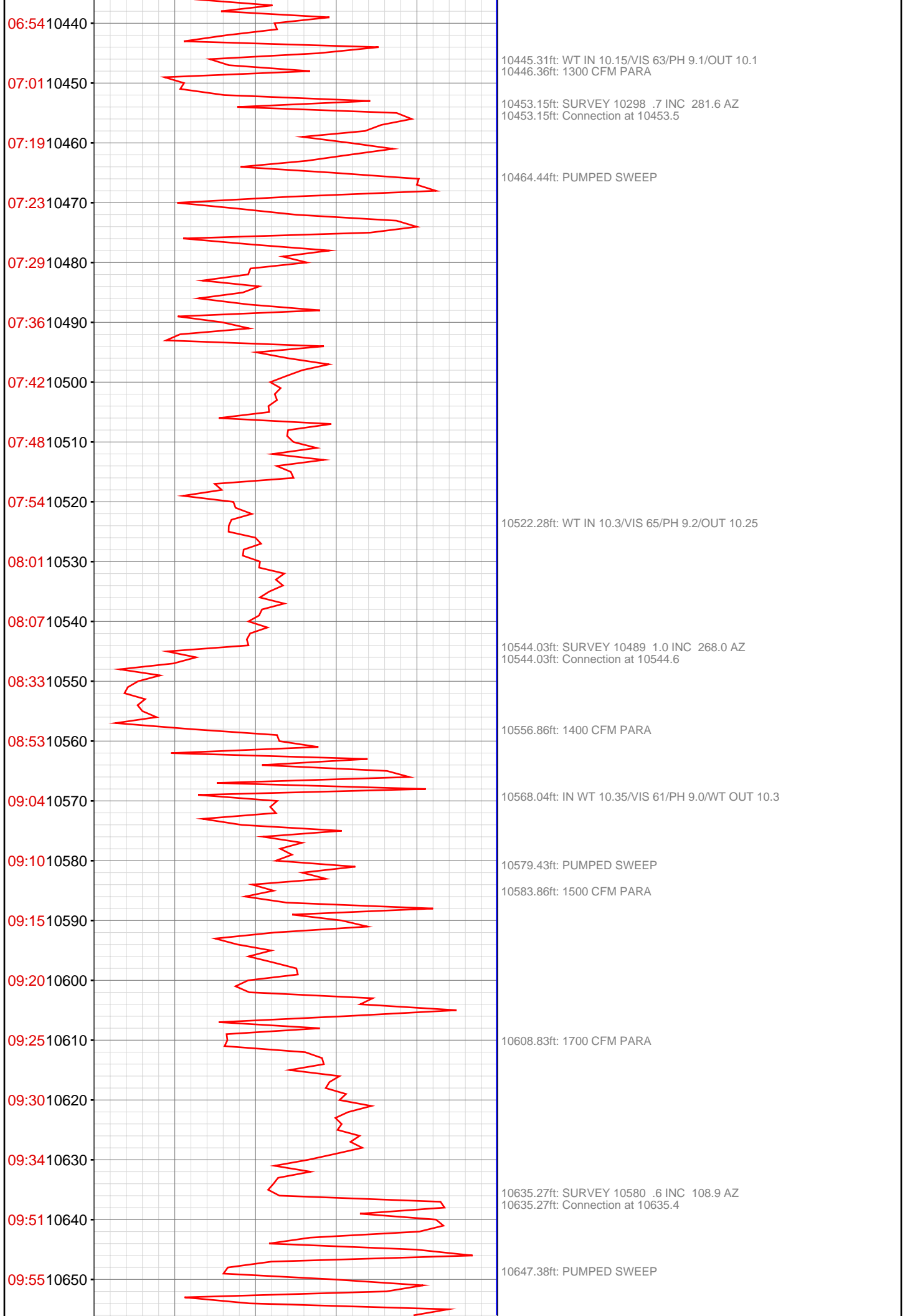
9812.17ft: IN 60/9.95/9.2
9813.55ft: IN TALLY: HOLE DEPTH SET TO 9814.6
9814.67ft: SURVEY @ 9759 1.1 INC. 17.2 AZ.
9814.67ft: Connection at 9814.5
9814.67ft: ZDiffPressure from SideKick sk-04-09-0961
9818.37ft: 1800CFM PARA

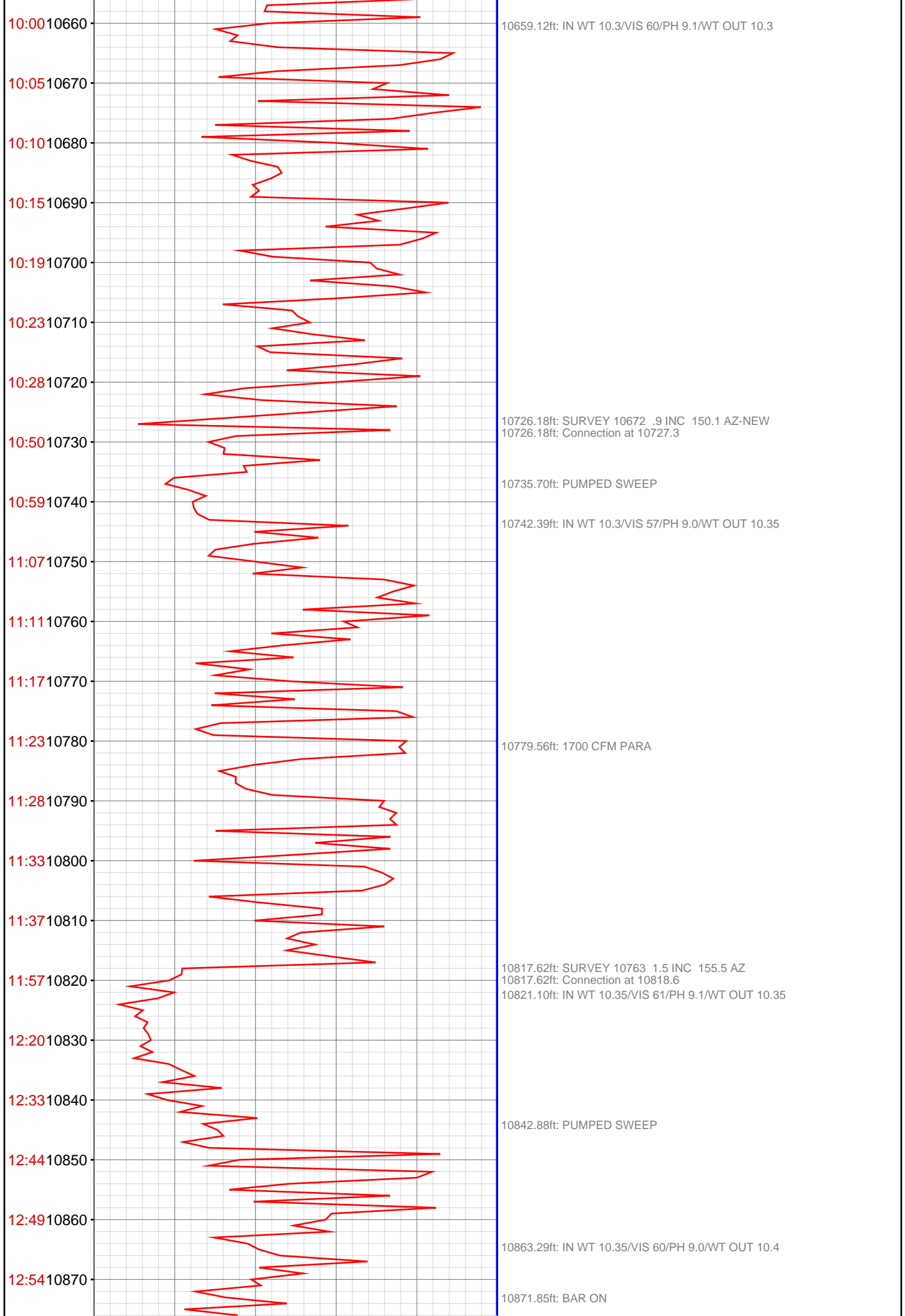
9905.61ft: SURVEY @ 9851 .8 INC. 17.5 AZ.
9905.61ft: Connection at 9906.1
9905.61ft: IN 64/10.0/8.9 OUT 9.95

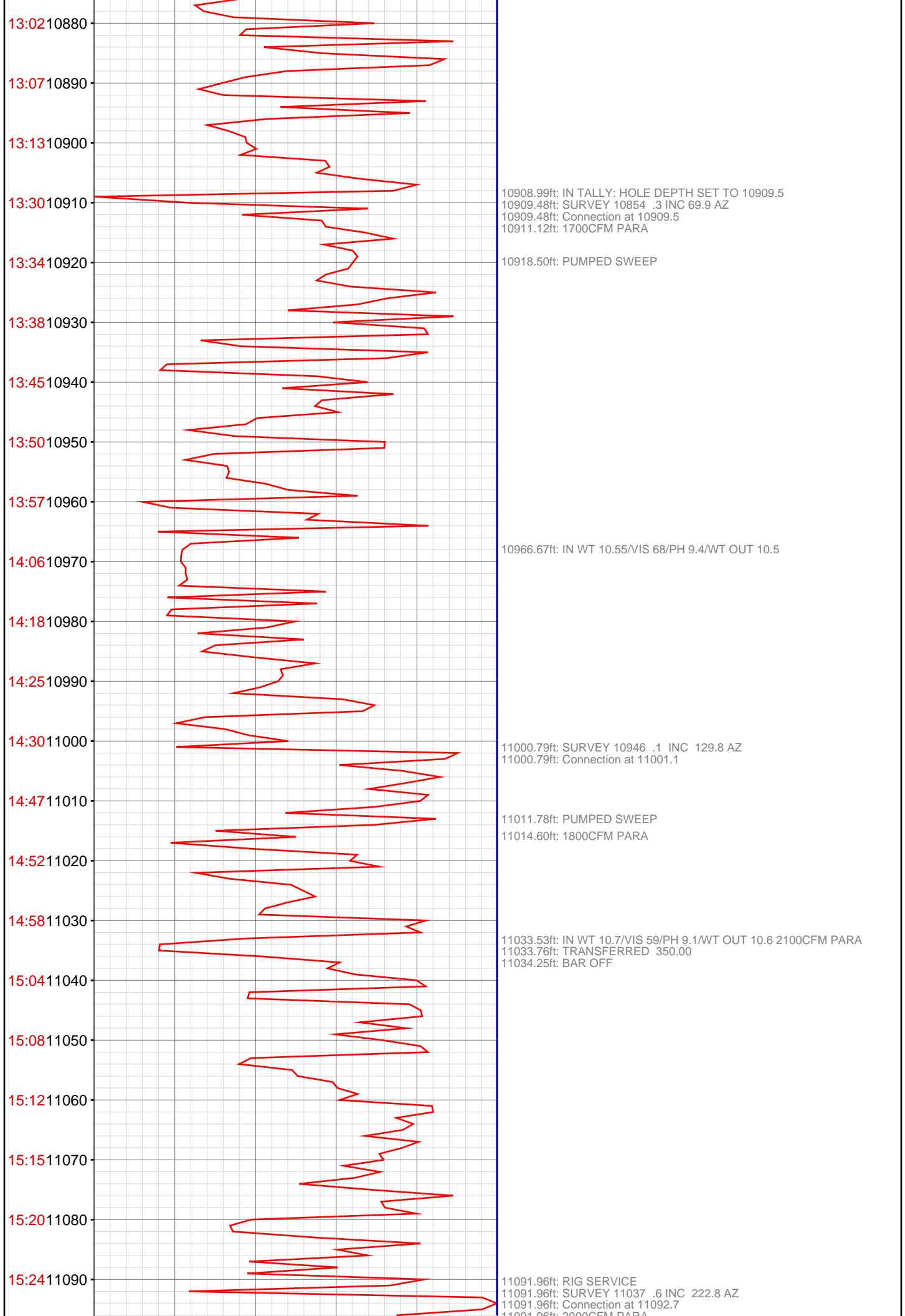
9926.12ft: 1600CFM PARA
9928.08ft: PUMPED SWEEP

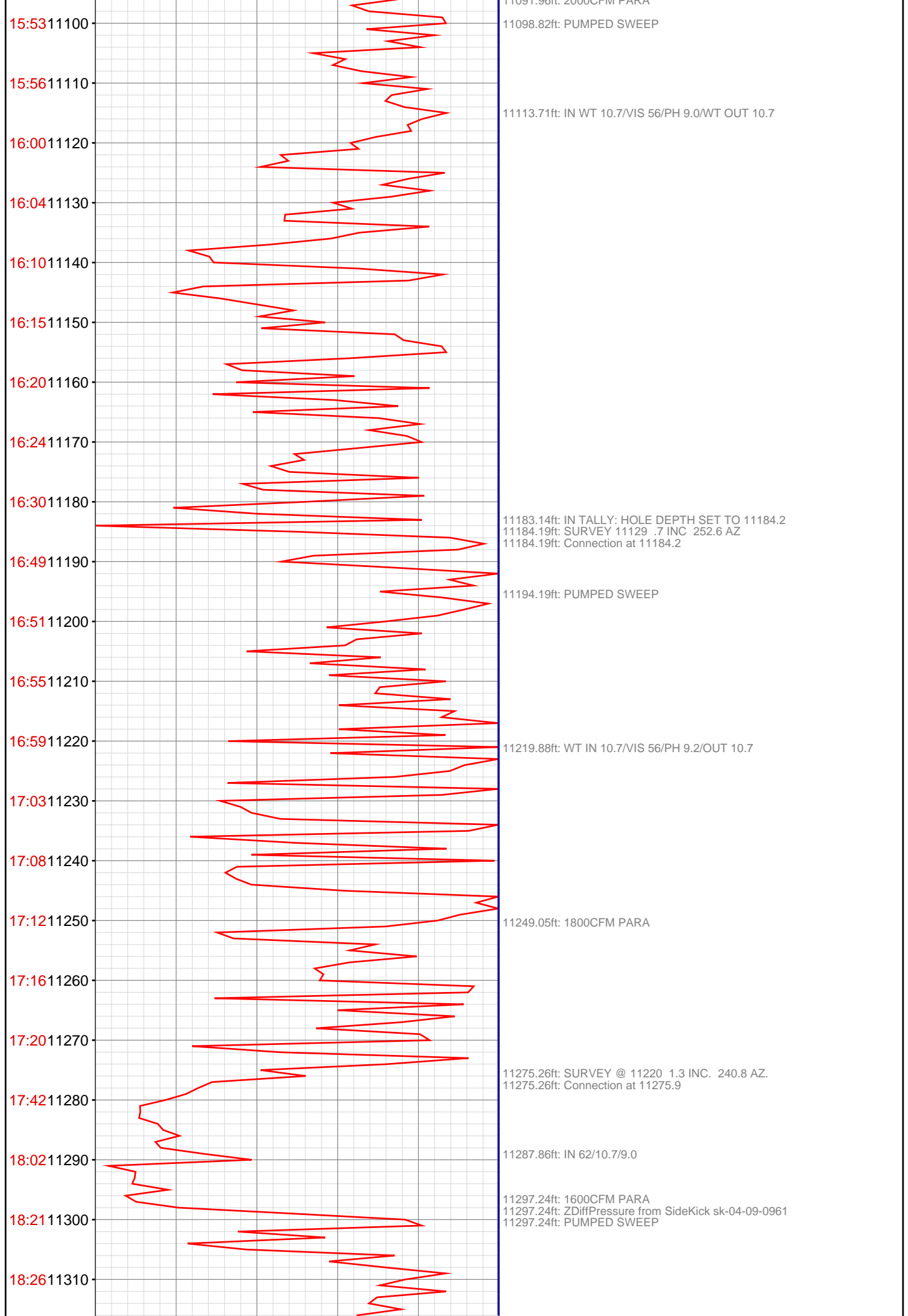


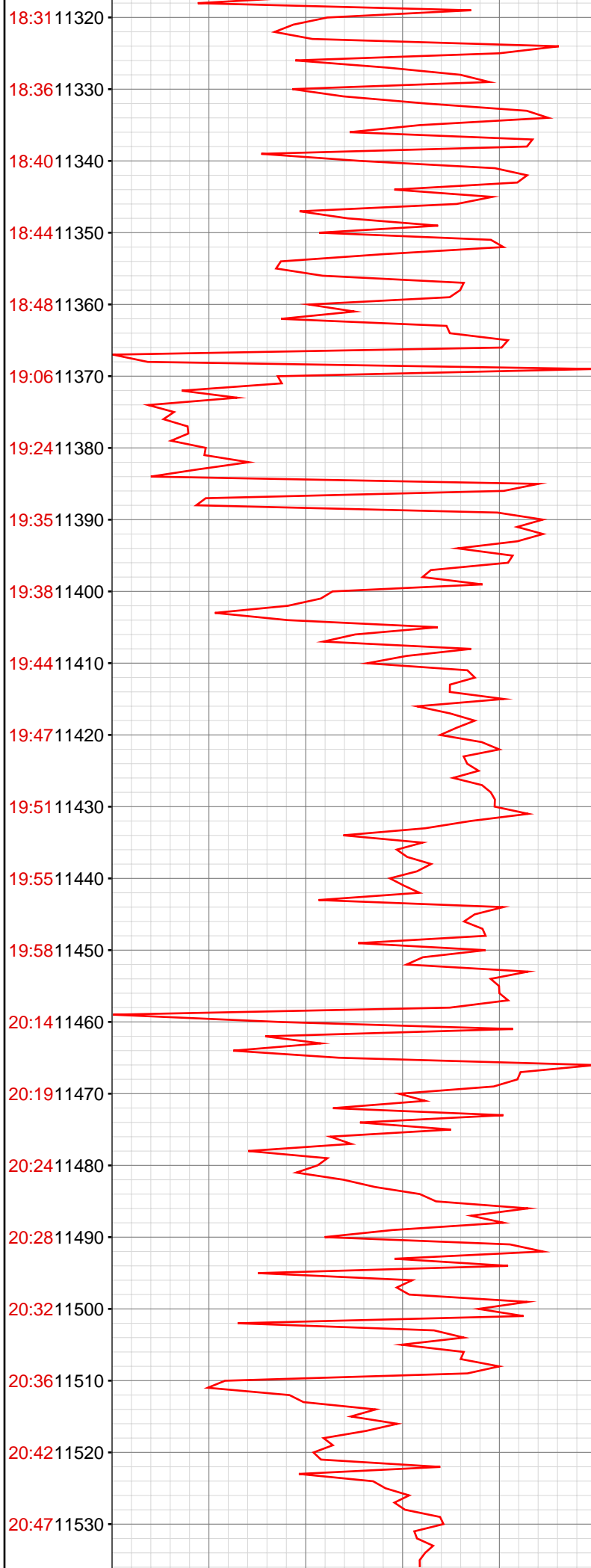












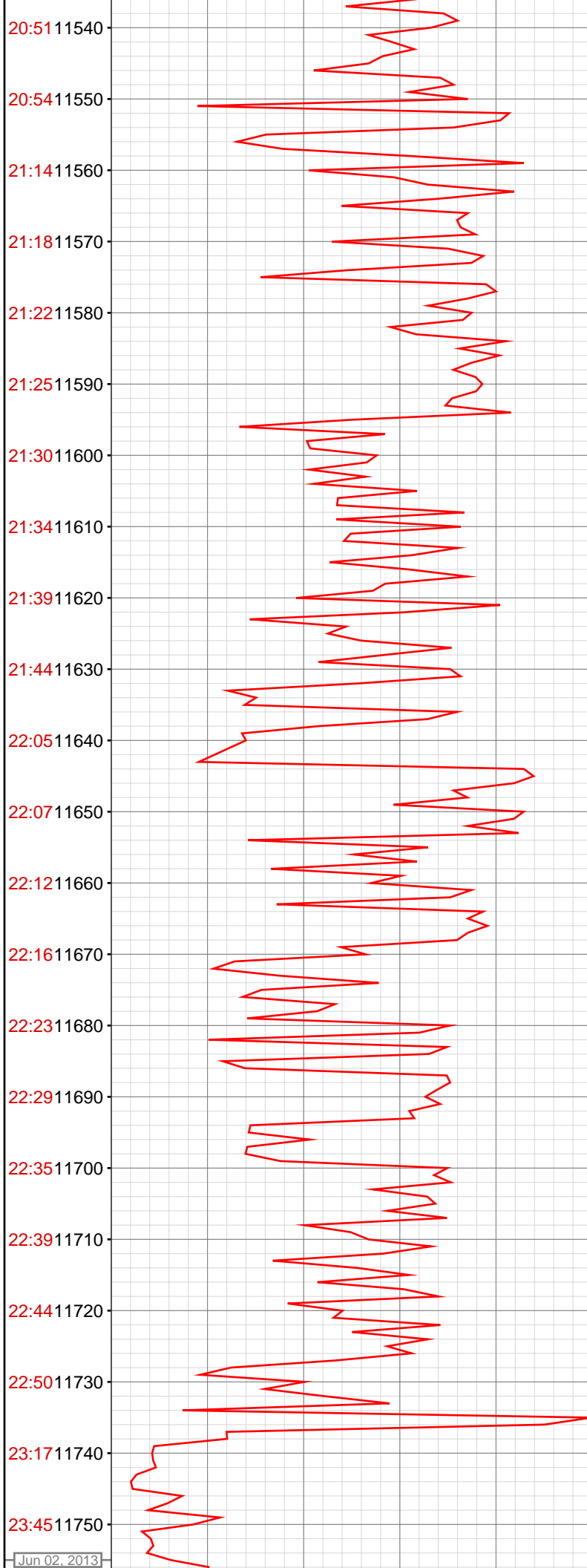
11367.00ft: IN TALLY: HOLE DEPTH SET TO 11367.6
11367.55ft: SURVEY @ 11312 .5 INC. 289.8 AZ.
11367.55ft: IN 58/10.7/9.1
11367.55ft: Connection at 11367.6
11367.82ft: ZDiffPressure from SideKick sk-04-09-0961

11383.63ft: ZDiffPressure from SideKick sk-04-09-0961
11383.63ft: PUMPED SWEEP

11440.72ft: IN 54/10.7/9.0

11458.99ft: IN TALLY: HOLE DEPTH SET TO 11459.4
11459.35ft: SURVEY @ 11404 .3 INC. 325.9 AZ.
11459.35ft: Connection at 11459.4
11459.35ft: ZDiffPressure from SideKick sk-04-09-0961
11462.50ft: 1600CFM PARA

11524.54ft: 1800CFM PARA



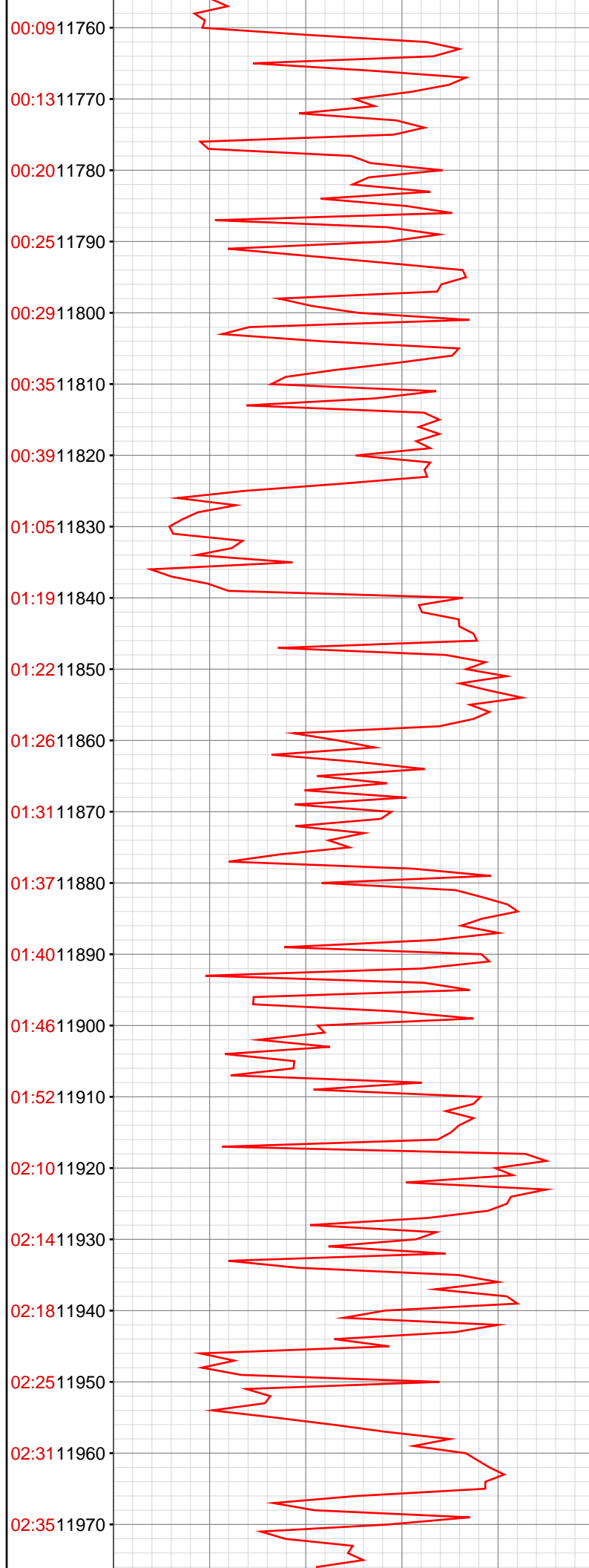
11550.72ft: IN 58/10.7/9.0
11550.72ft: Connection at 11551.0
11550.72ft: SURVEY @ 11495 .5 INC. 321.7 AZ.

11599.64ft: PUMPED SWEEP

11640.42ft: IN TALLY: HOLE DEPTH SET TO 11642.3
11642.55ft: Connection at 11642.3
11642.55ft: SURVEY @ 11587 .8 INC. 286.7 AZ.
11642.55ft: IN 57/10.7/9.1
11642.55ft: ZDiffPressure from SideKick sk-04-09-0961
11650.23ft: 2000CFM PARA

11670.67ft: PUMPED SWEEP

11733.50ft: IN 62/10.7/8.8
11733.50ft: Connection at 11733.8



11758.10ft: IN 64/10.7/9.3
11759.58ft: ZDiffPressure from SideKick sk-04-09-0961
11759.58ft: PUMPED SWEEP

11820.37ft: SURVEY @ 11770 1 INC. 330.8 AZ.
11825.07ft: Connection at 11825.1
11825.30ft: ZDiffPressure from SideKick sk-04-09-0961
11827.53ft: 1800CFM PARA
11828.02ft: IN 62/10.7/9.0

11838.16ft: ZDiffPressure from SideKick sk-04-09-0961
11838.16ft: PUMPED SWEEP

11906.86ft: IN 62/10.7/8.8

11916.04ft: SURVEY @ 11861 .7 INC. 292.3 AZ.
11916.04ft: Connection at 11916.8
11916.04ft: ZDiffPressure from SideKick sk-04-09-0961

11933.89ft: PUMPED SWEEP

