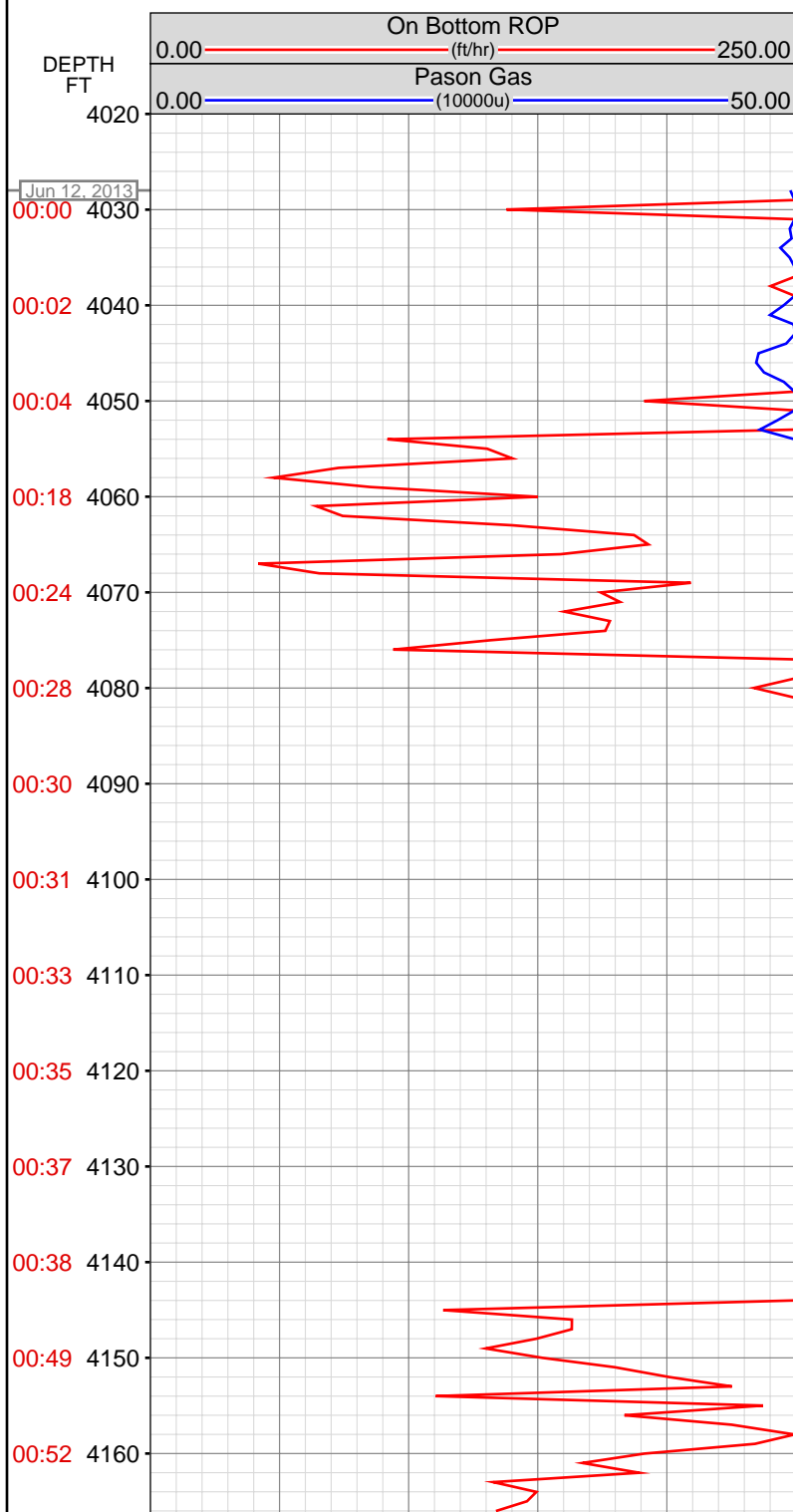


OPERATOR: EnCana Oil & Gas (USA), Inc.
WELL: SG 8513B-36 D36 496
FIELD:
LOCATION: SWSW SEC 36 T4S-R96W
COUNTRY: USA
RIG: Pat-UTI 326

CONTRACTOR: Patterson-UTI Drilling Company
UNIQUE WELL ID: 05-045-20929
SPUD DATE: Jun 12, 2013 18:00
RELEASE DATE:

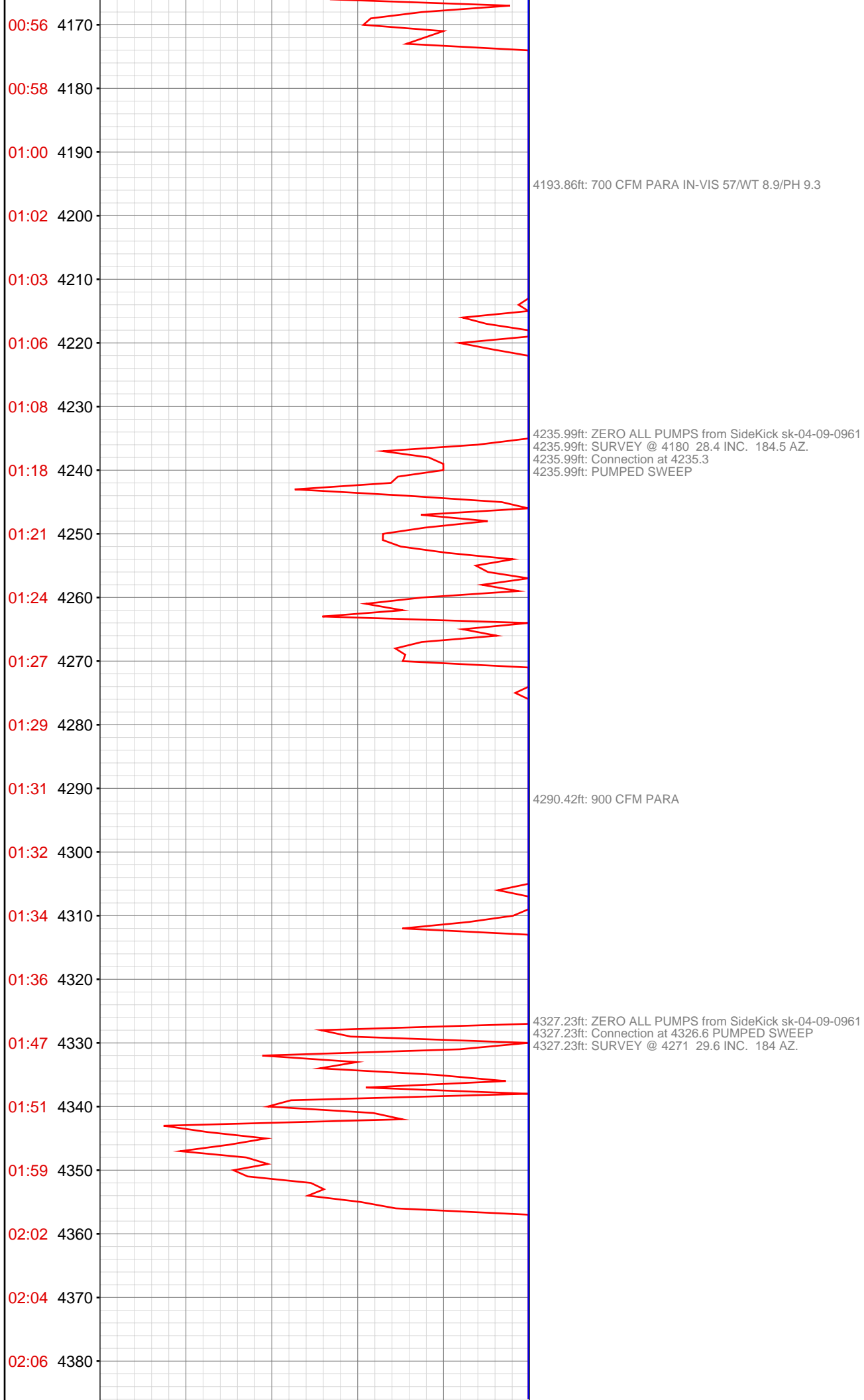


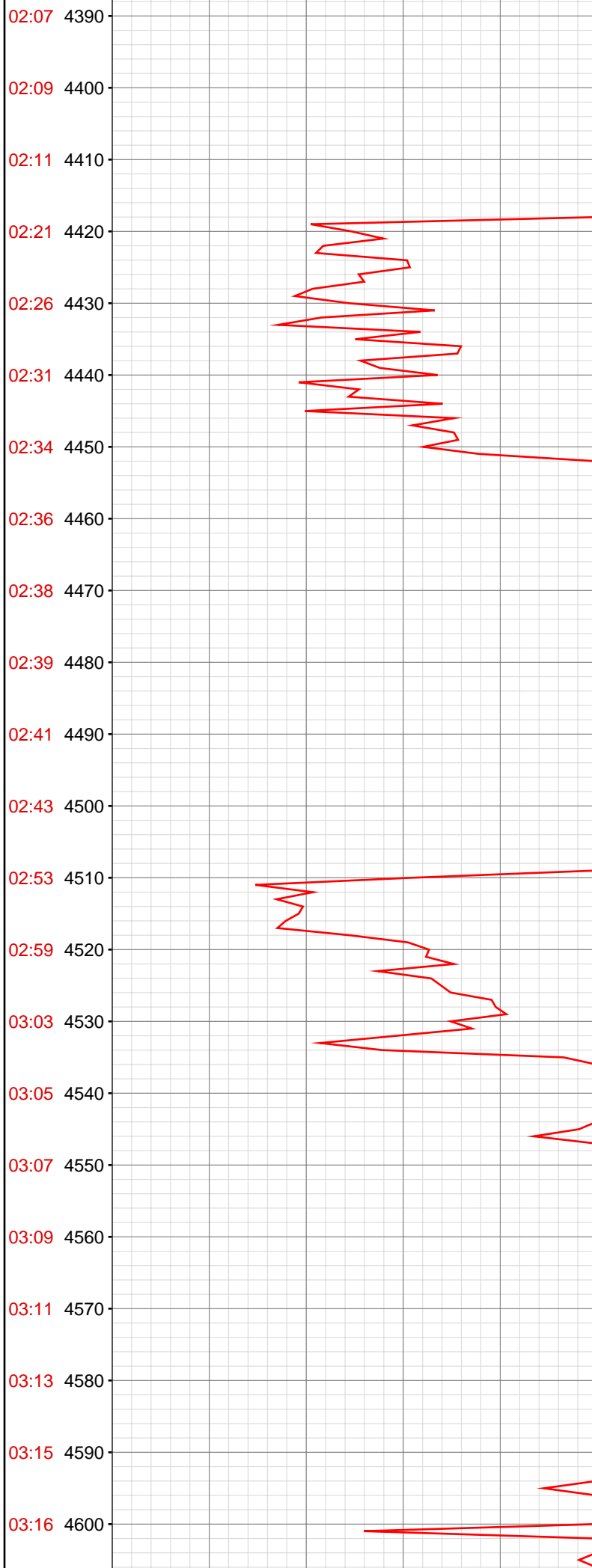
MEMOS

4053.74ft: ZERO ALL PUMPS from SideKick sk-04-09-0961
4053.74ft: Connection at 4053.2 PUMPED SWEEP
4053.74ft: IN-VIS 61/WT 8.9/PH 9.7
4053.74ft: SURVEY @ 3998 29.7 INC. 180 AZ.

4135.43ft: SURVEY @ 4089 29.3 INC. 181.5 AZ.

4144.55ft: ZERO ALL PUMPS from SideKick sk-04-09-0961
4144.55ft: Connection at 4144.7 PUMPED SWEEP





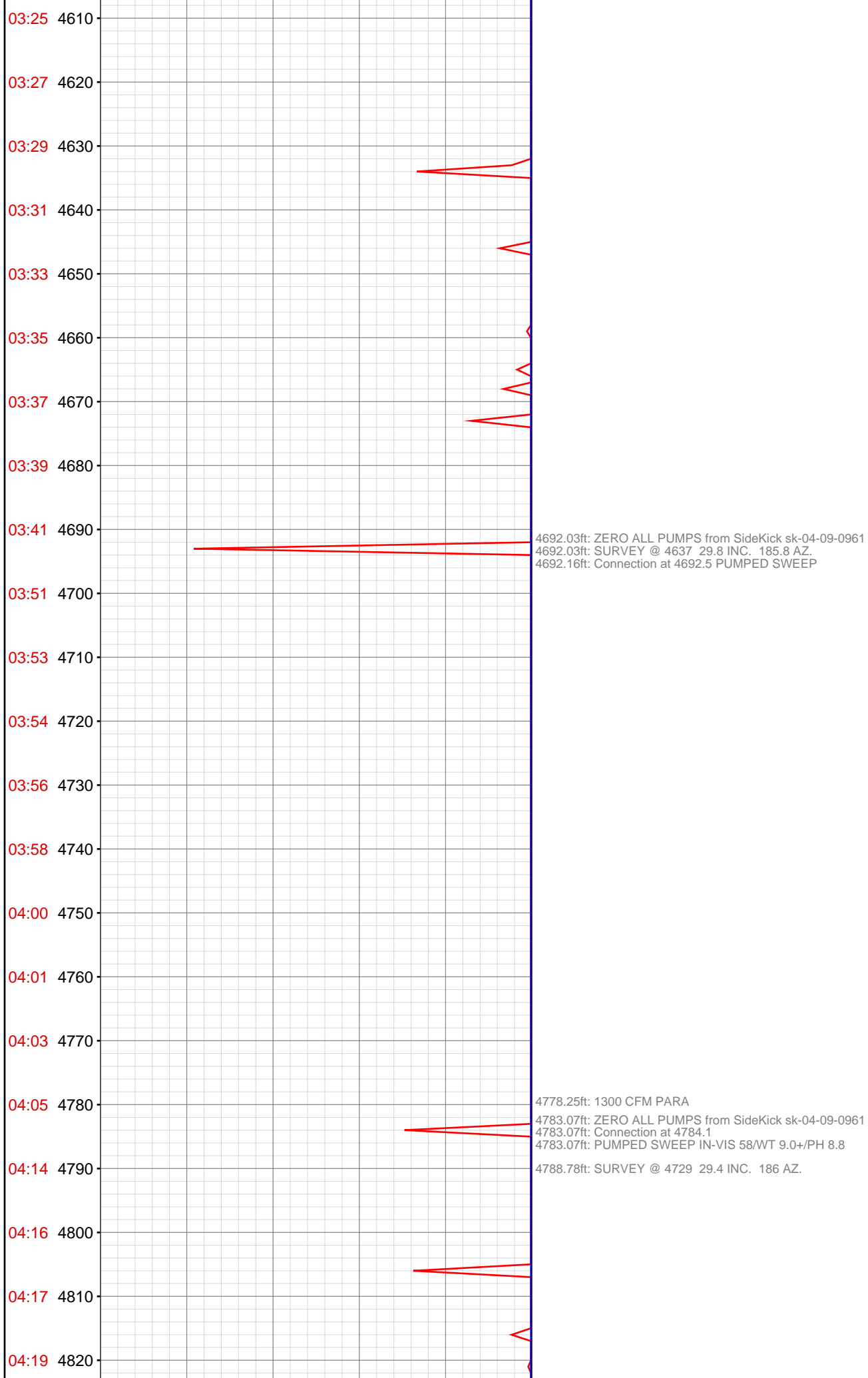
4415.16ft: 1100 CFM PARA
4418.47ft: ZERO ALL PUMPS from SideKick sk-04-09-0961
4418.47ft: Connection at 4418.1 PUMPED SWEEP
4418.47ft: SURVEY @ 4363 27.8 INC. 182.8 AZ.

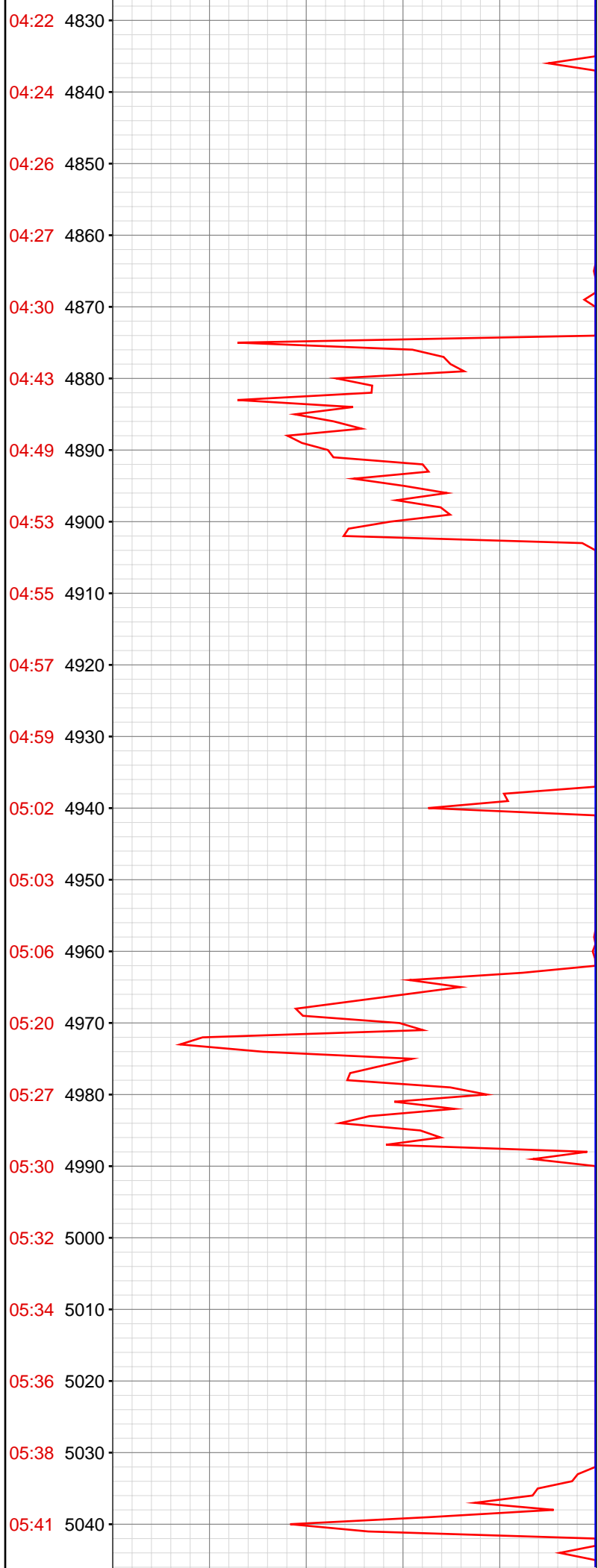
4436.38ft: IN-VIS 58/WT 9.0/PH 8.9

4509.68ft: SURVEY @ 4454 29.6 INC. 187 AZ.
4509.68ft: ZERO ALL PUMPS from SideKick sk-04-09-0961
4509.68ft: Connection at 4509.8
4509.68ft: PUMPED SWEEP

4562.80ft: SURVEY @ 4546 30.8 INC. 186.6 AZ.

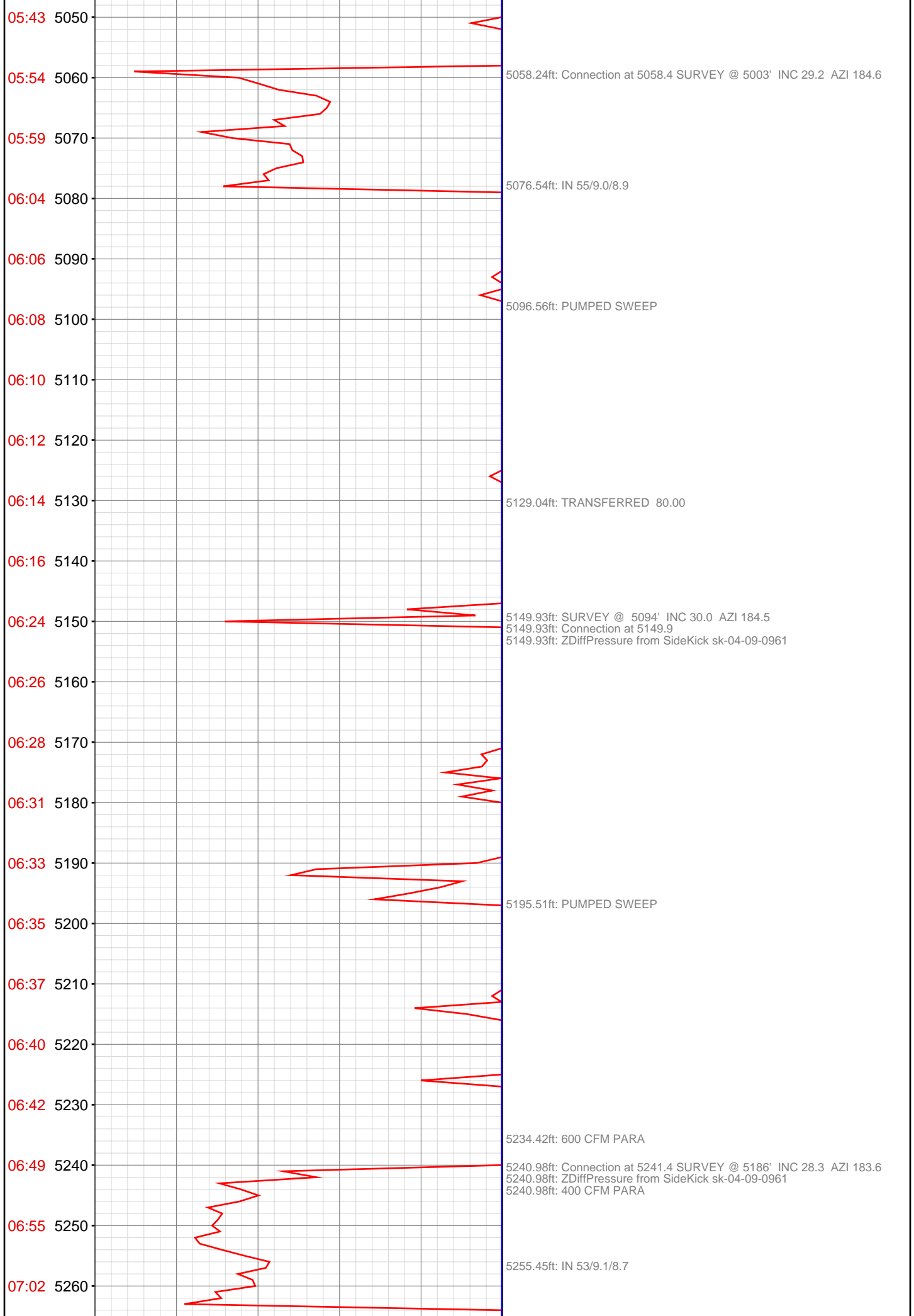
4600.79ft: ZERO ALL PUMPS from SideKick sk-04-09-0961
4600.79ft: Connection at 4601.3 PUMPED SWEEP

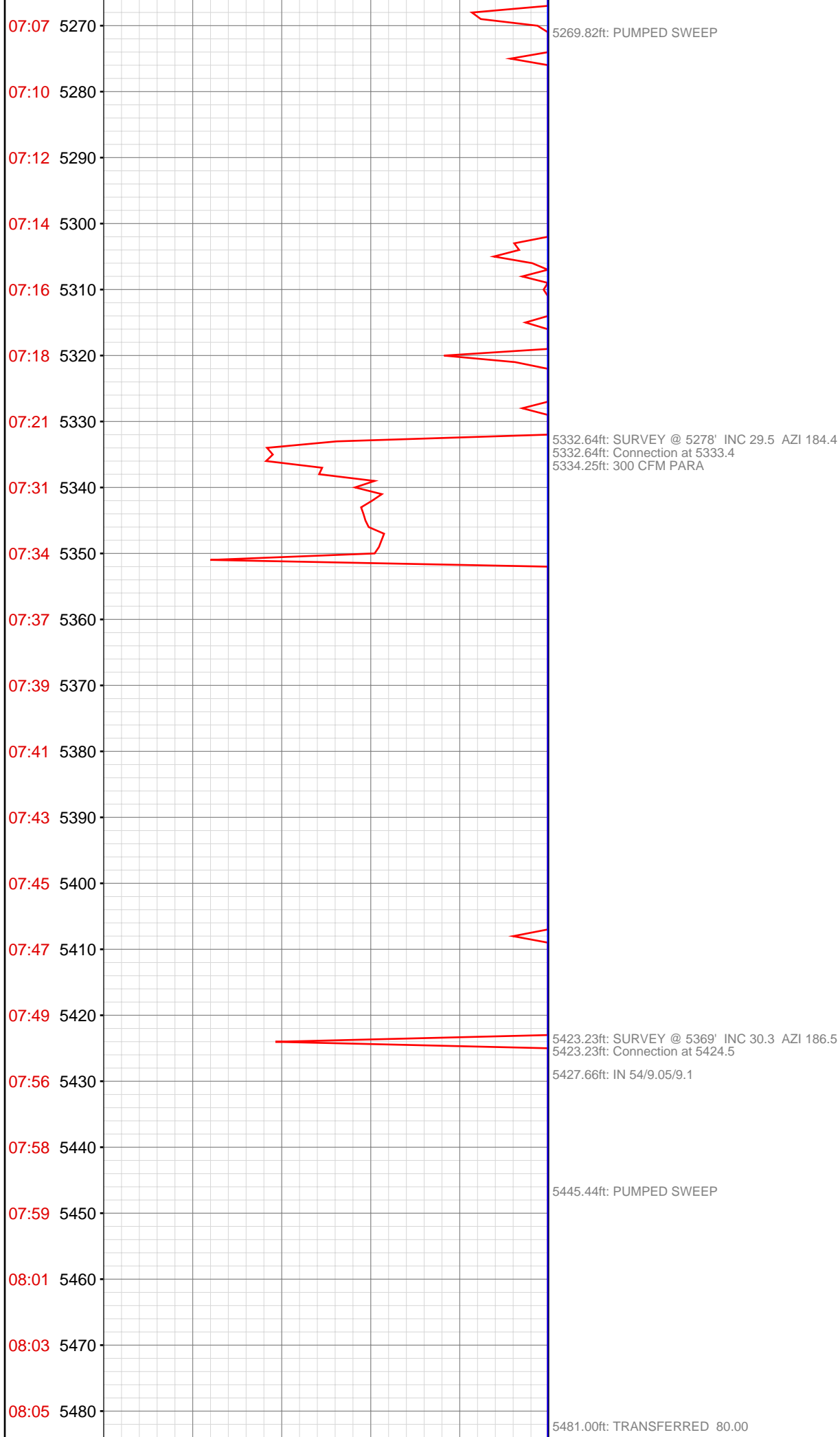


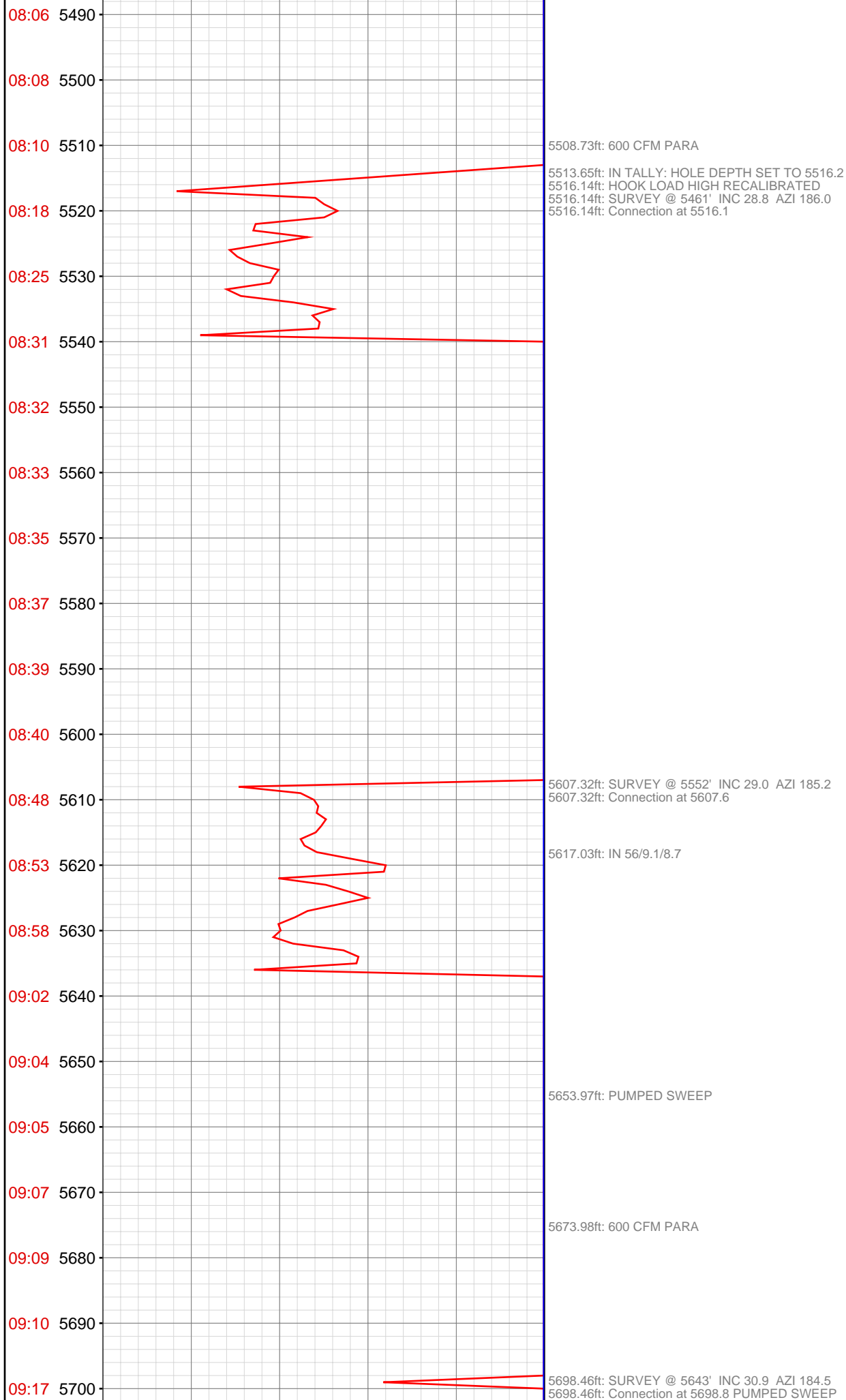


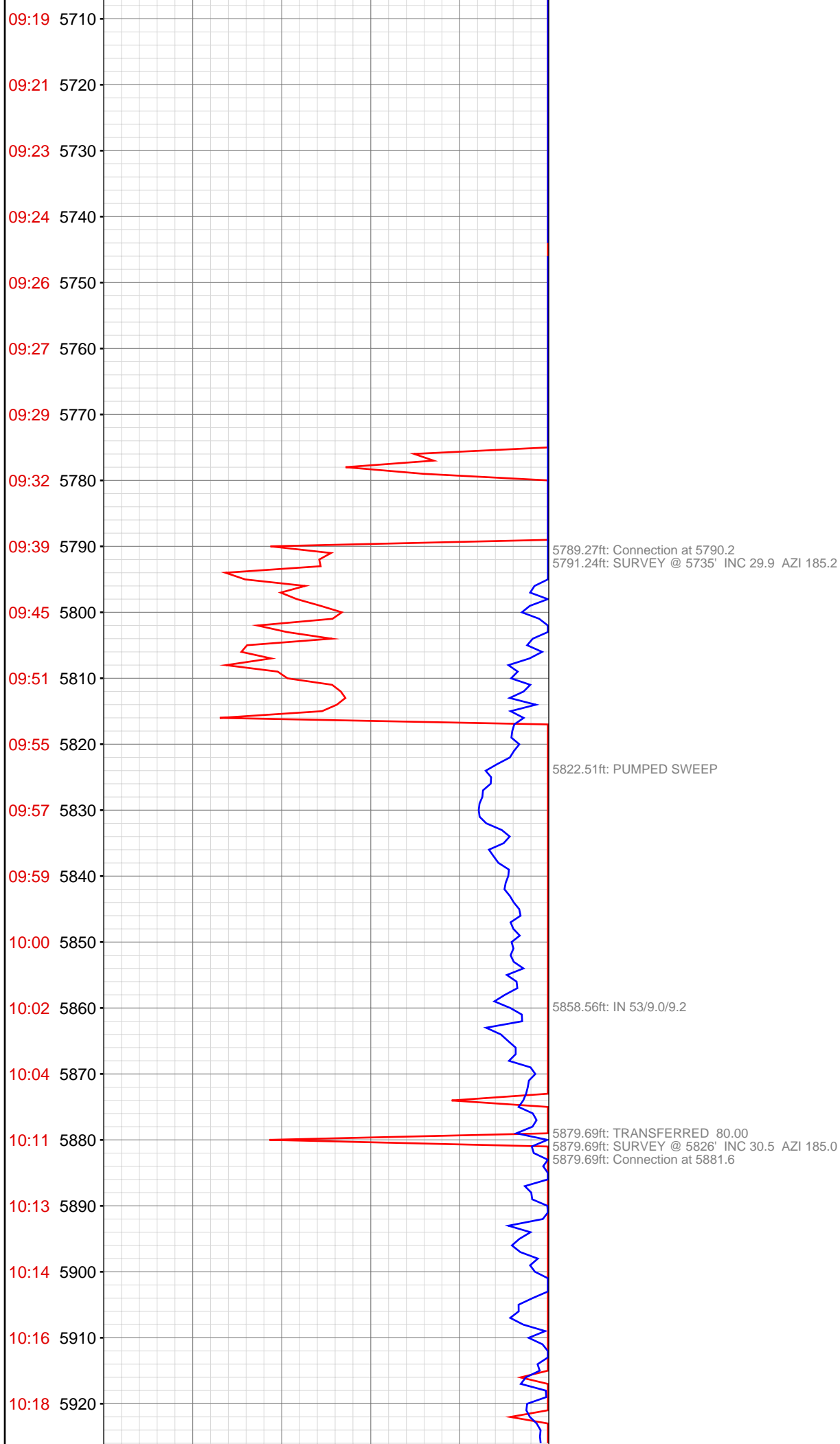
4873.79ft: SURVEY @ 4820 28.2 INC. 186.3 AZ.
4874.51ft: ZERO ALL PUMPS from SideKick sk-04-09-0961
4874.51ft: Connection at 4875.4 PUMPED SWEEP

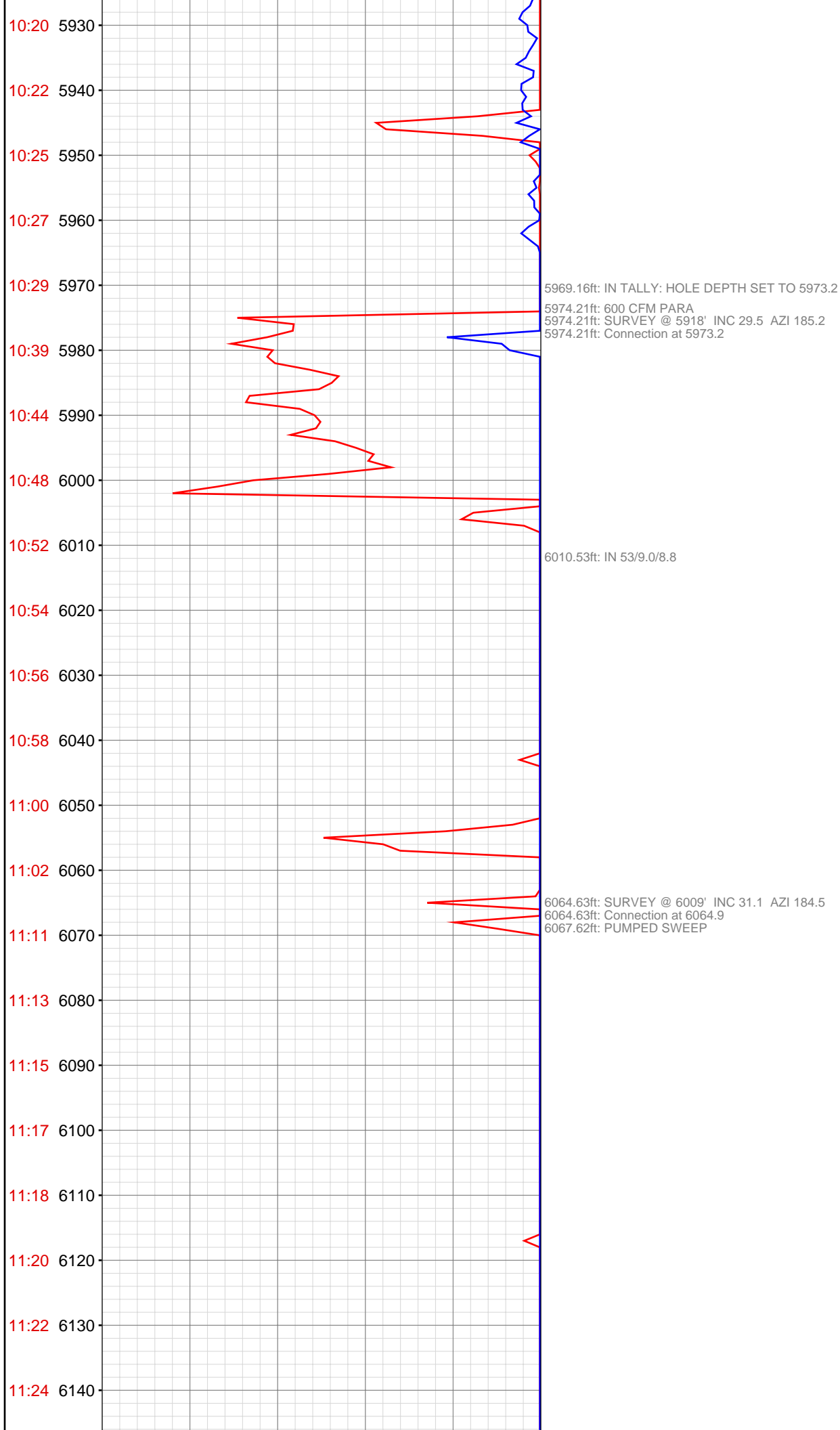
4965.62ft: Connection at 4967.0 PUMPED SWEEP
4966.99ft: ZERO ALL PUMPS from SideKick sk-04-09-0961
4966.99ft: SURVEY @ 4912 29.3 INC. 184.7 AZ.

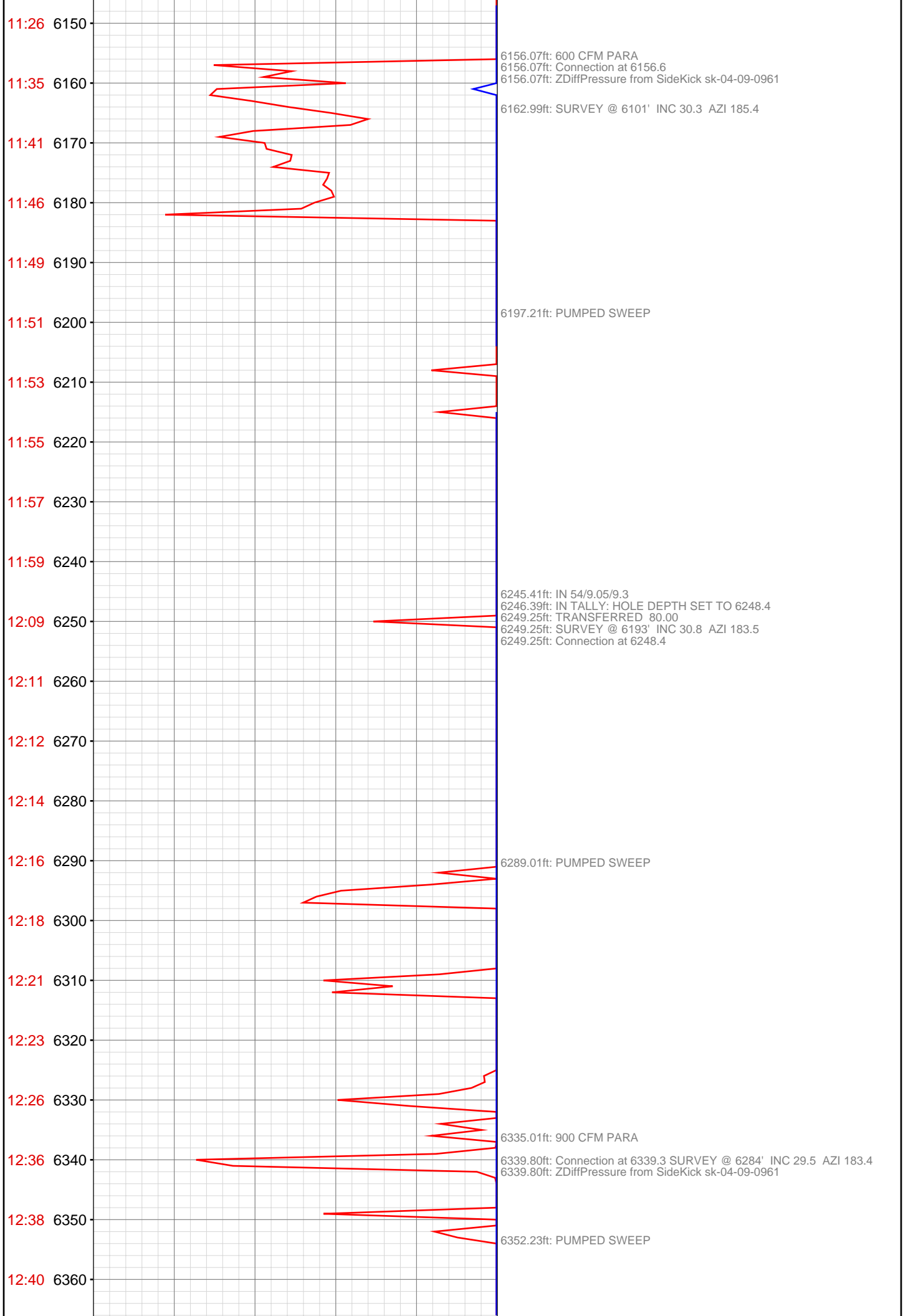


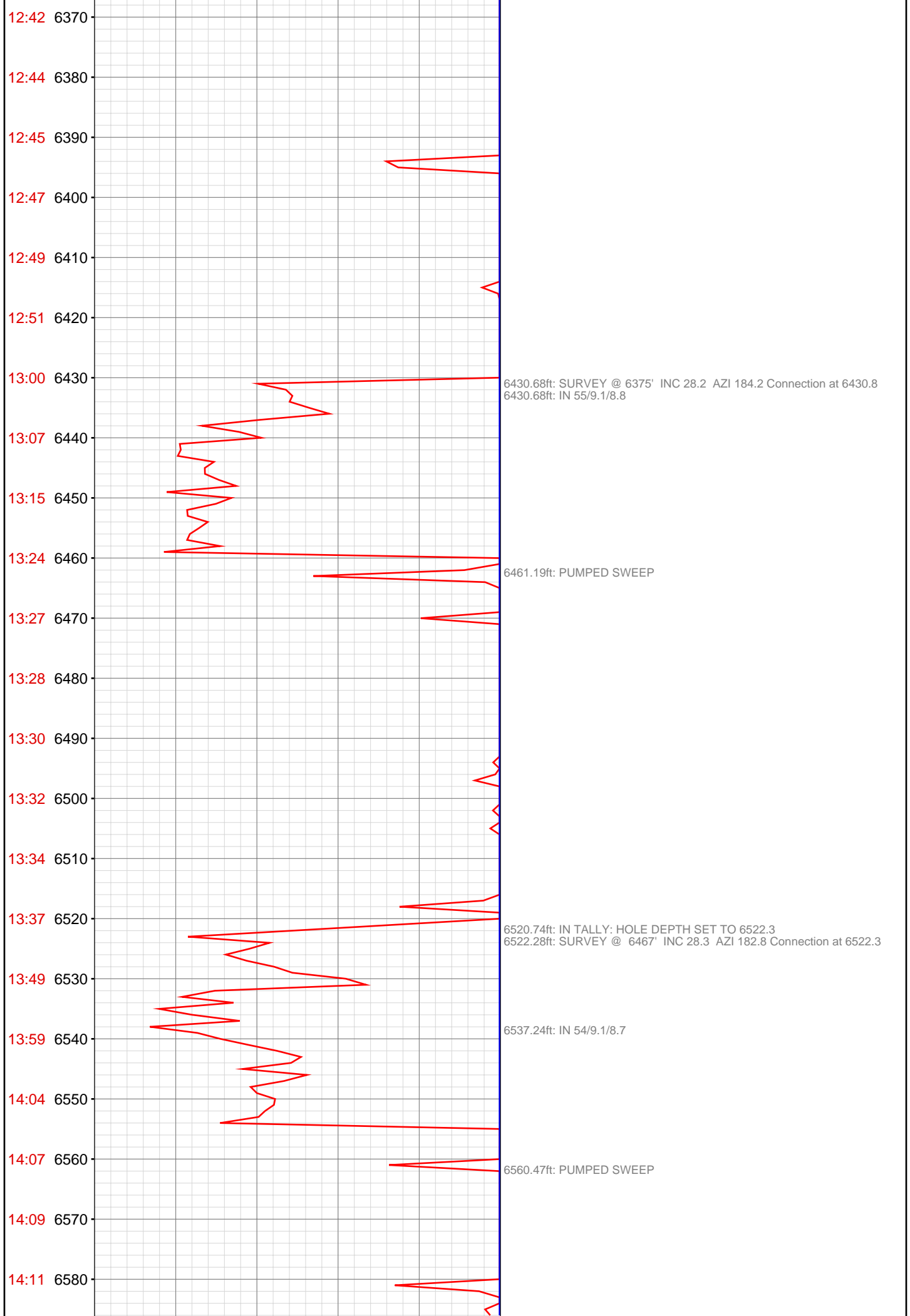


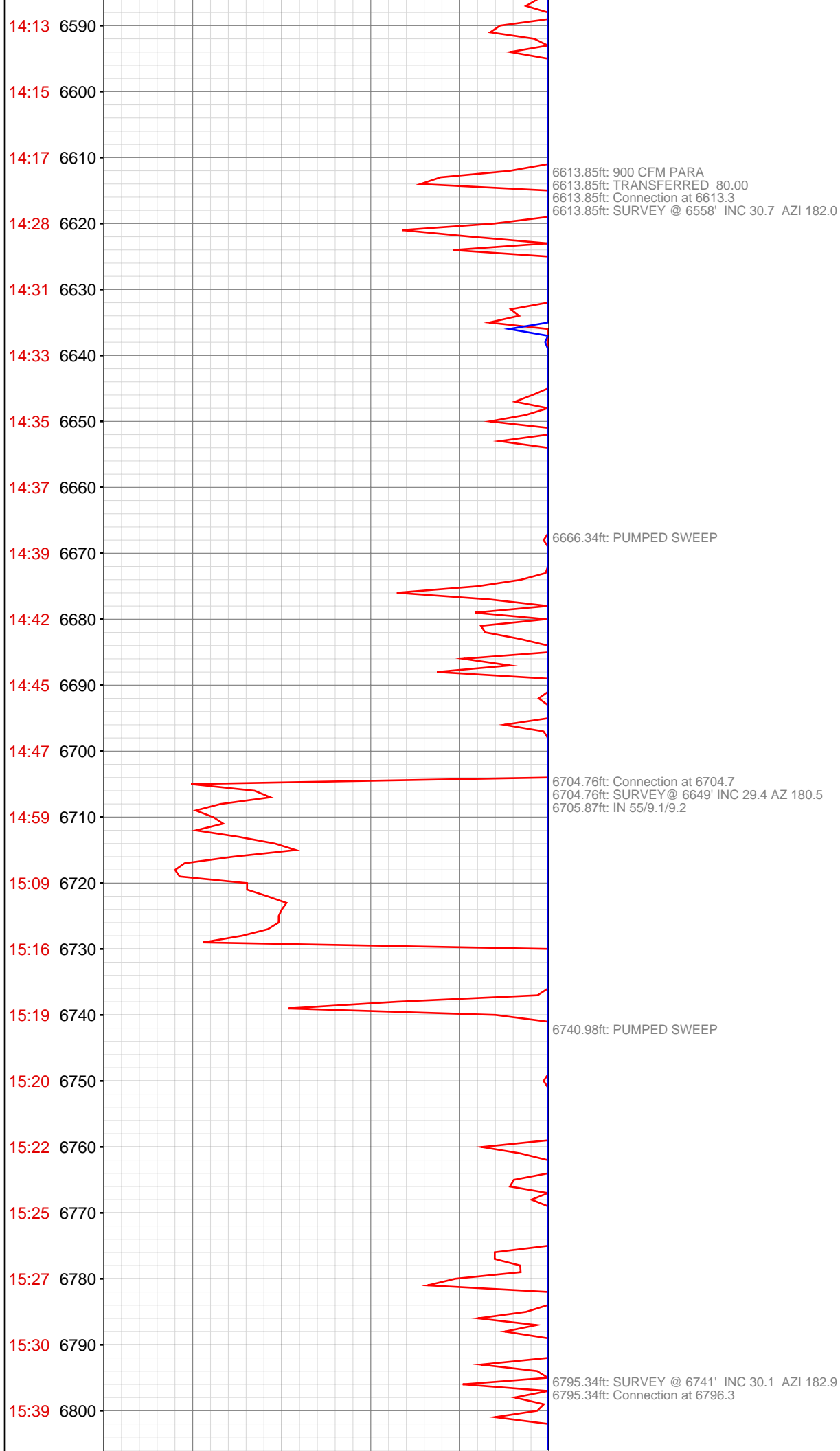


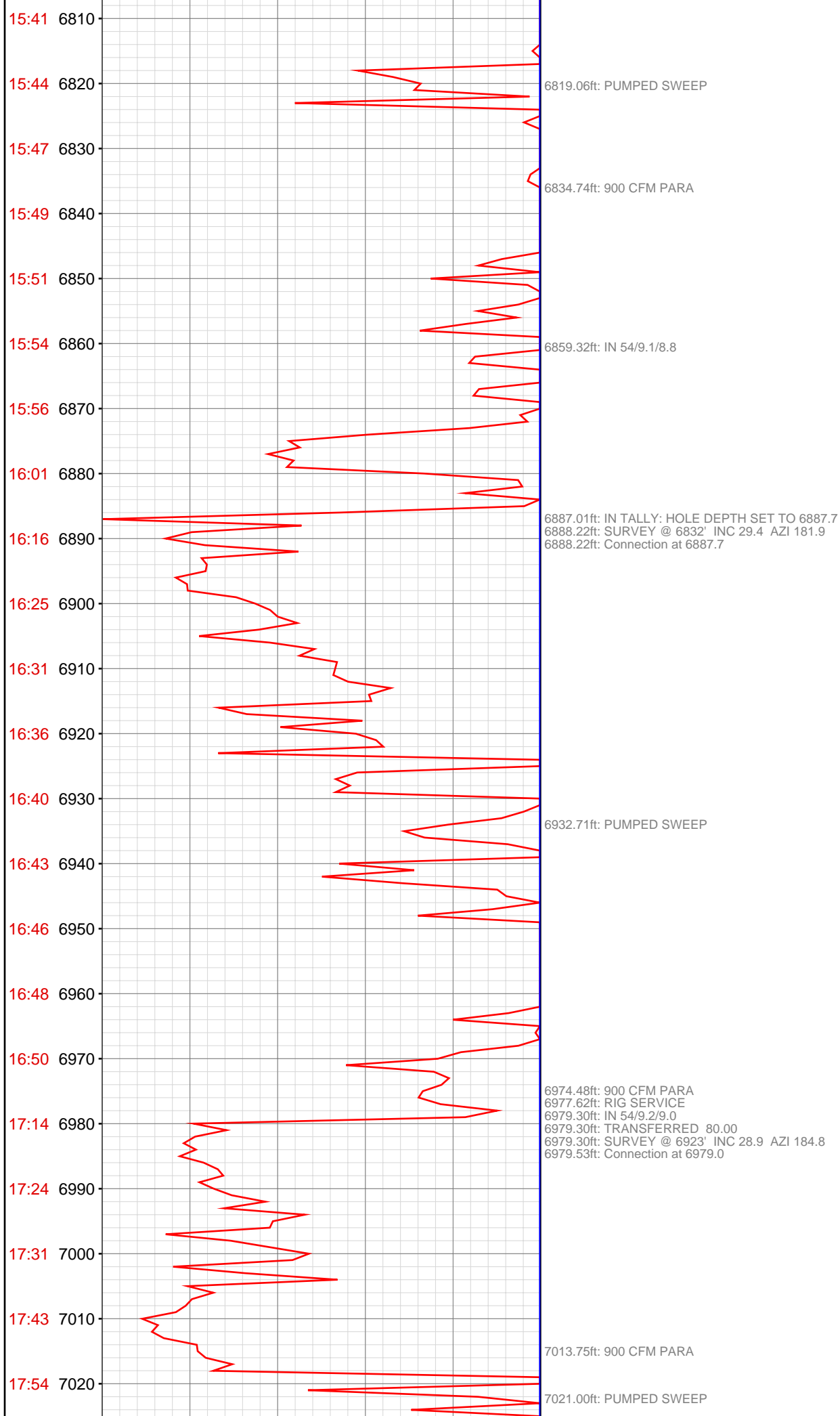


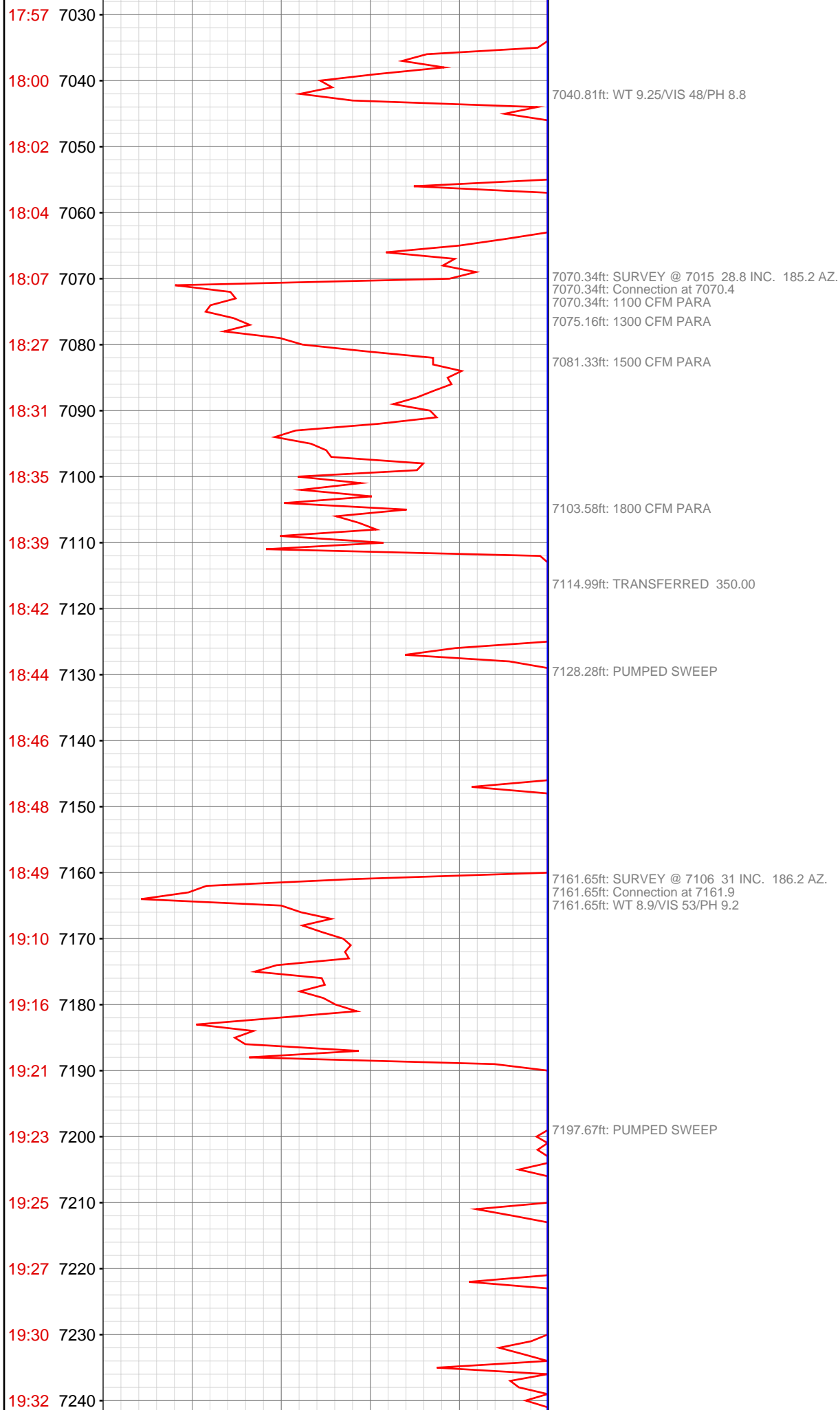


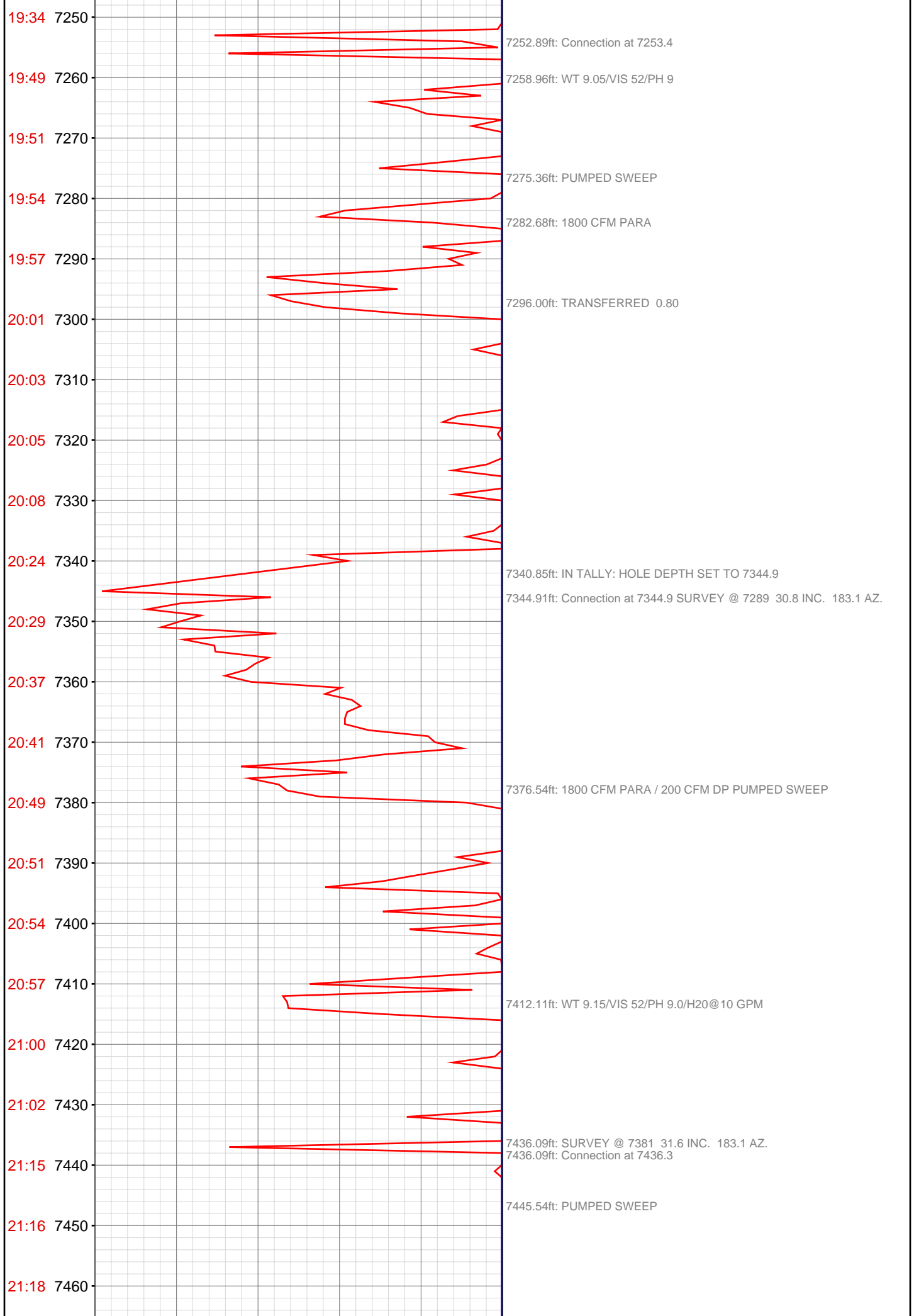


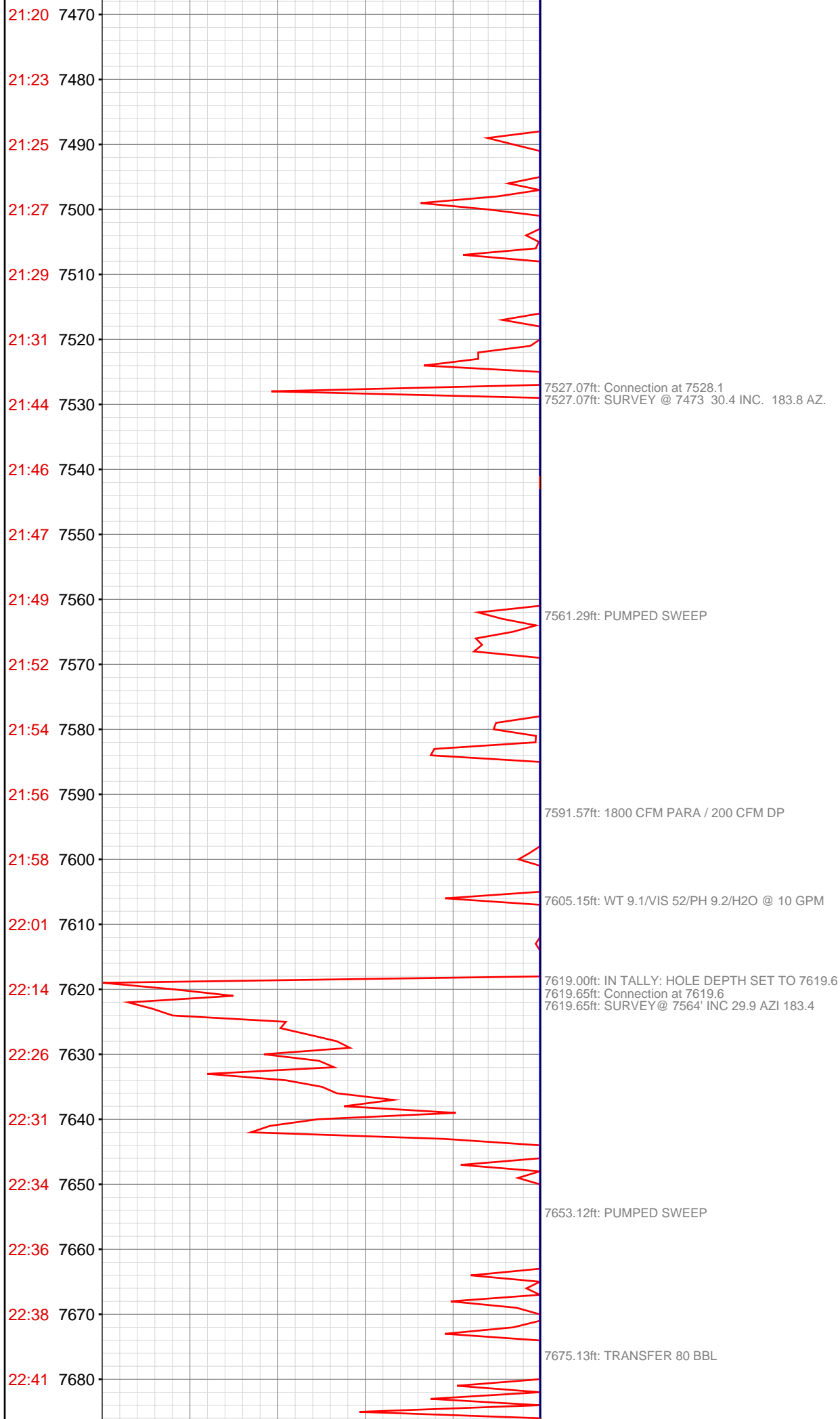


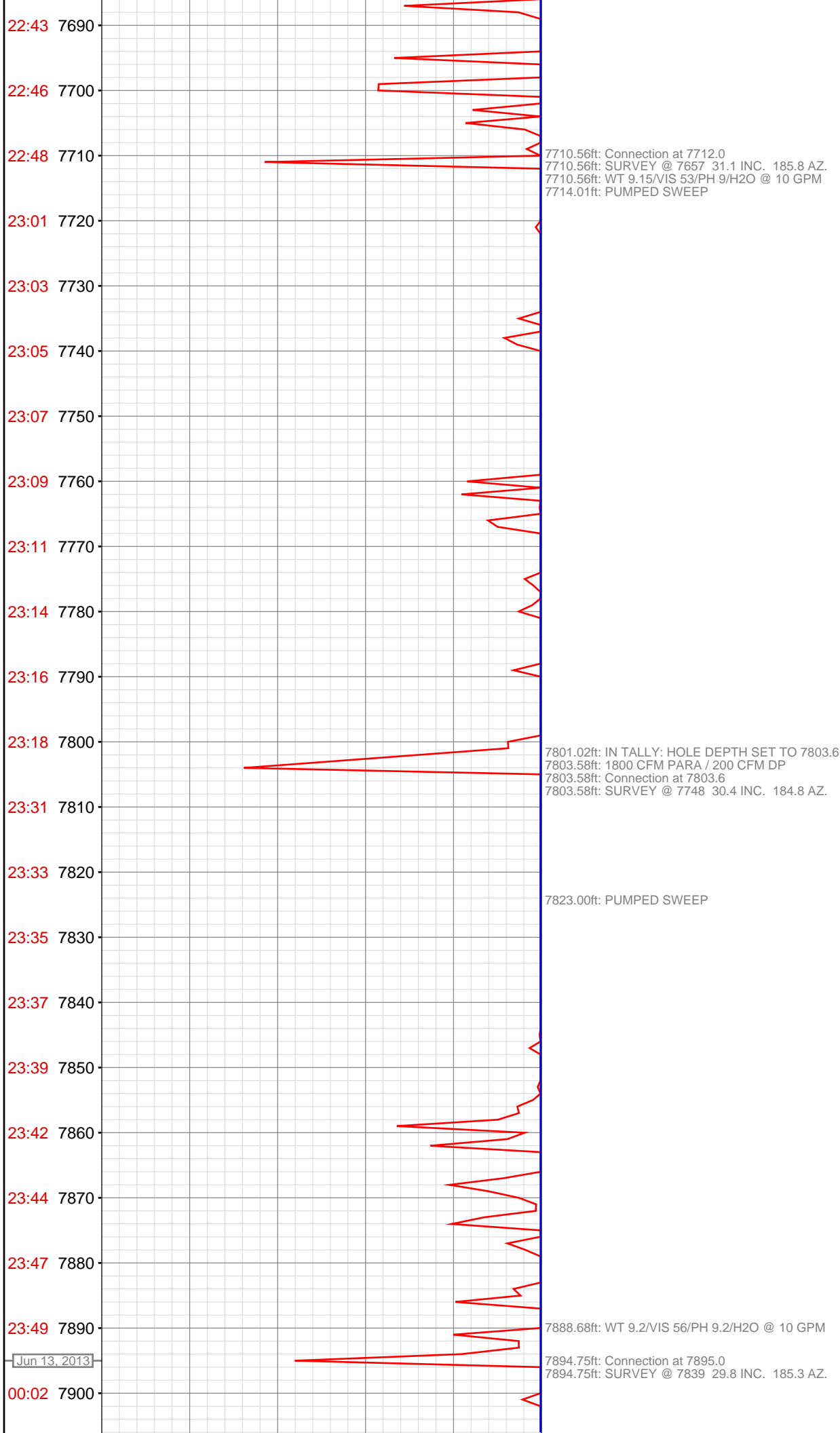


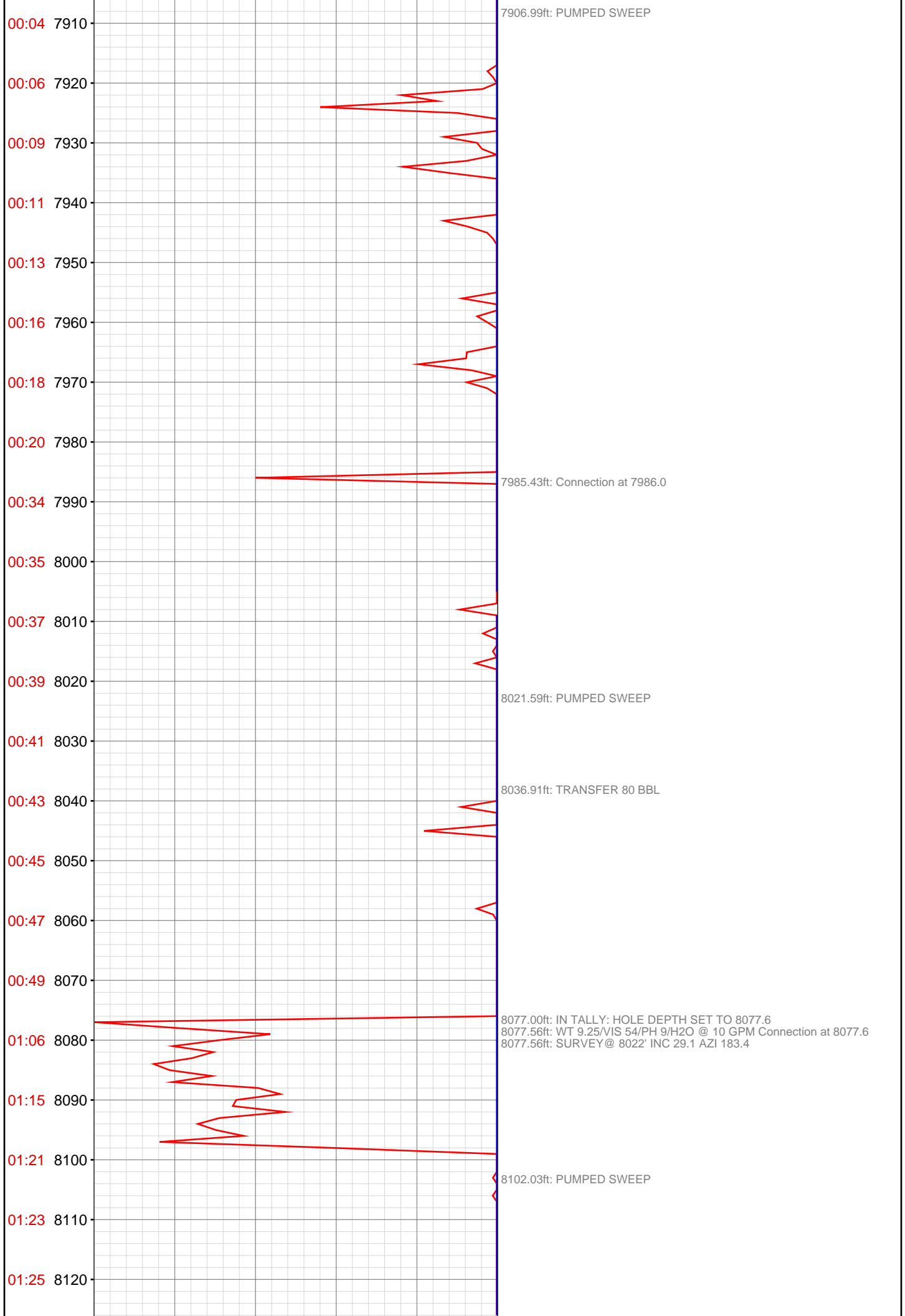


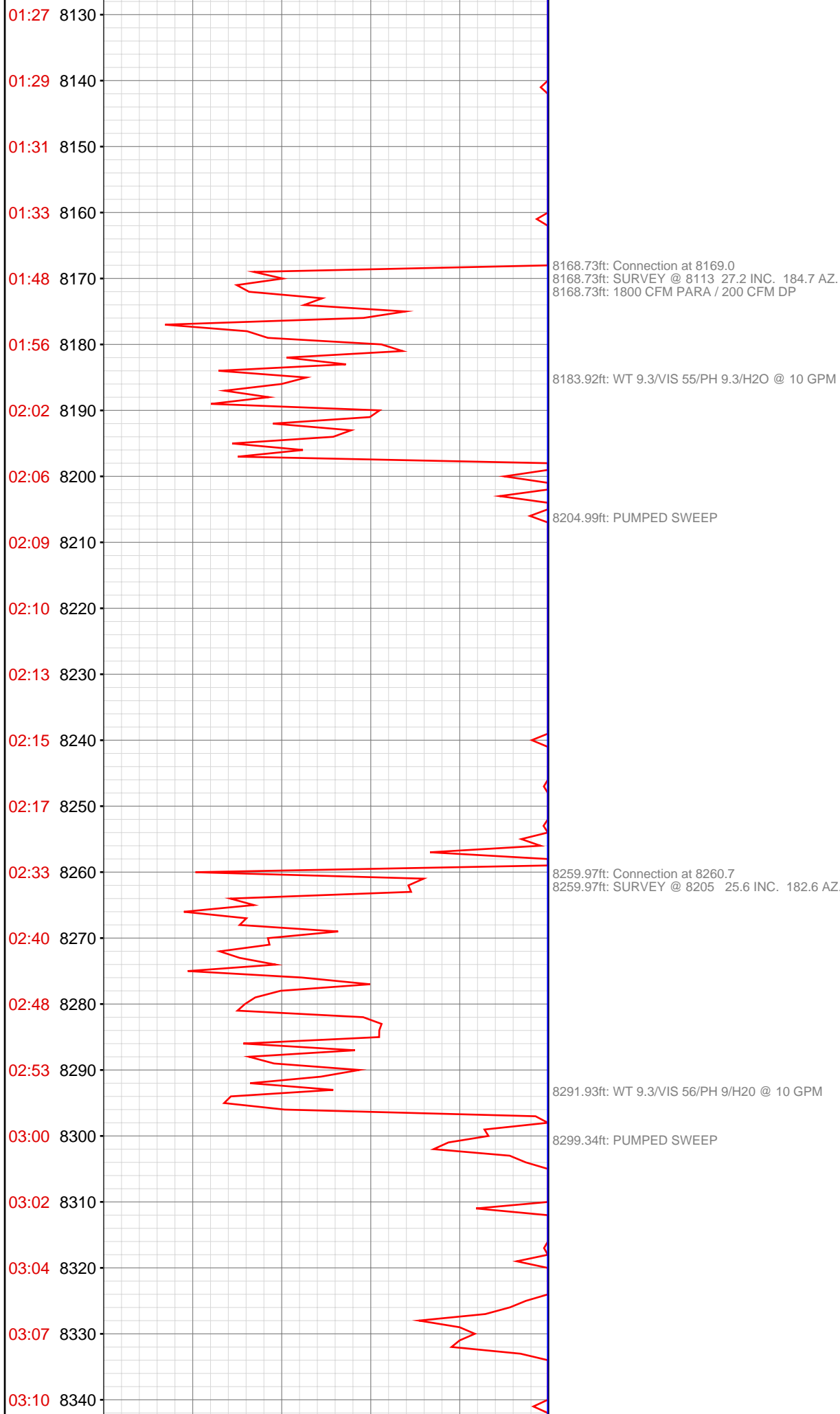




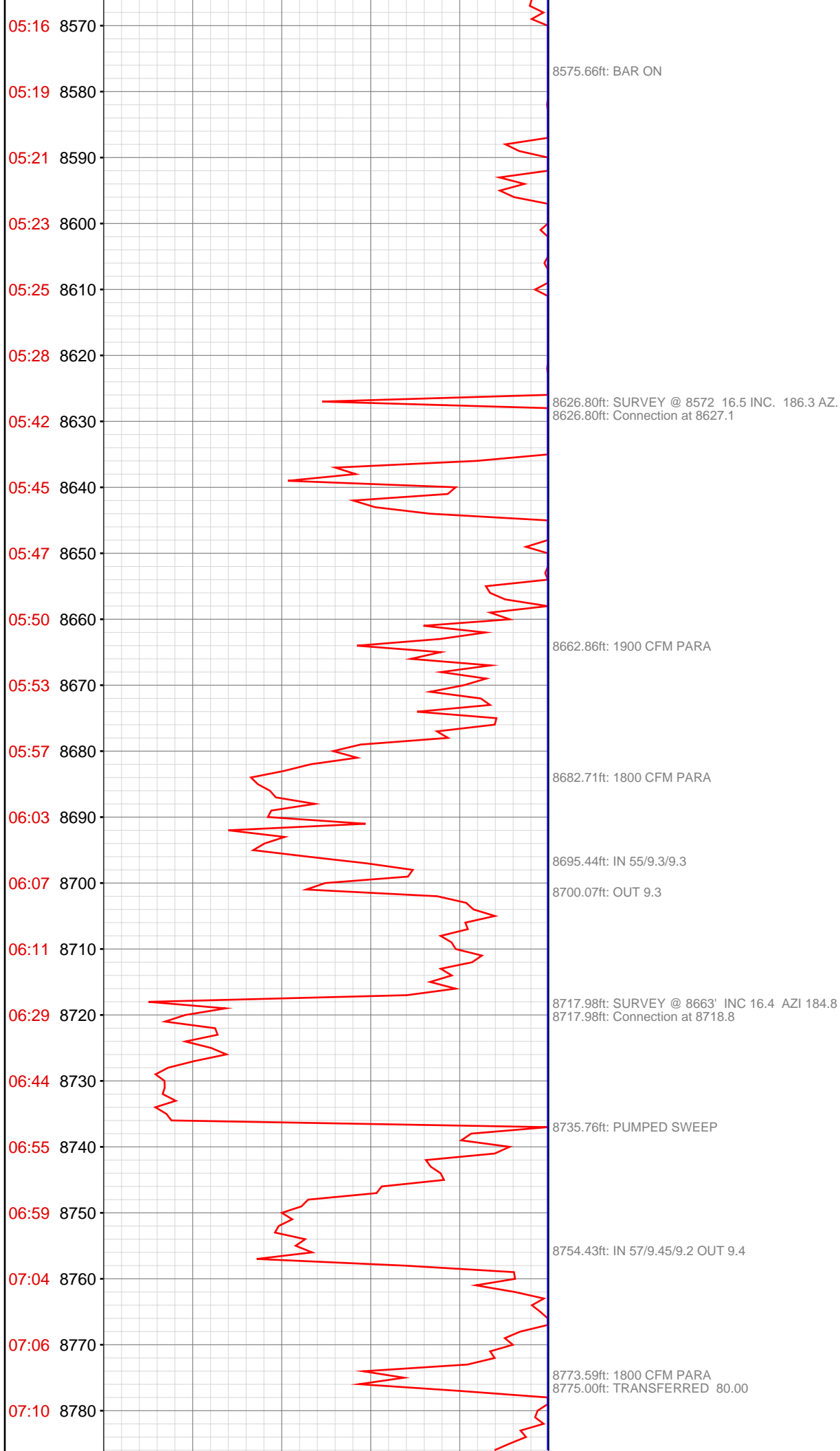


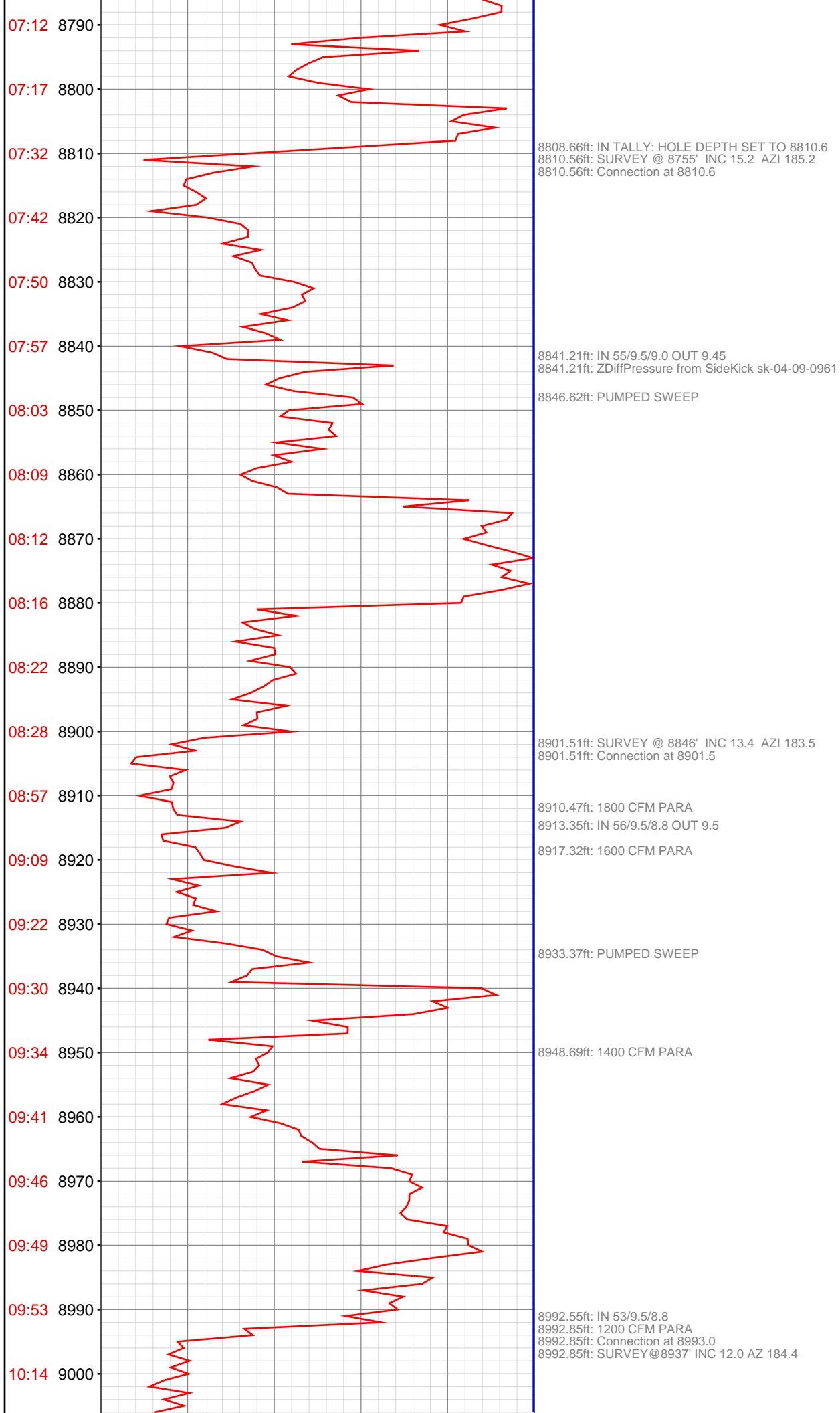


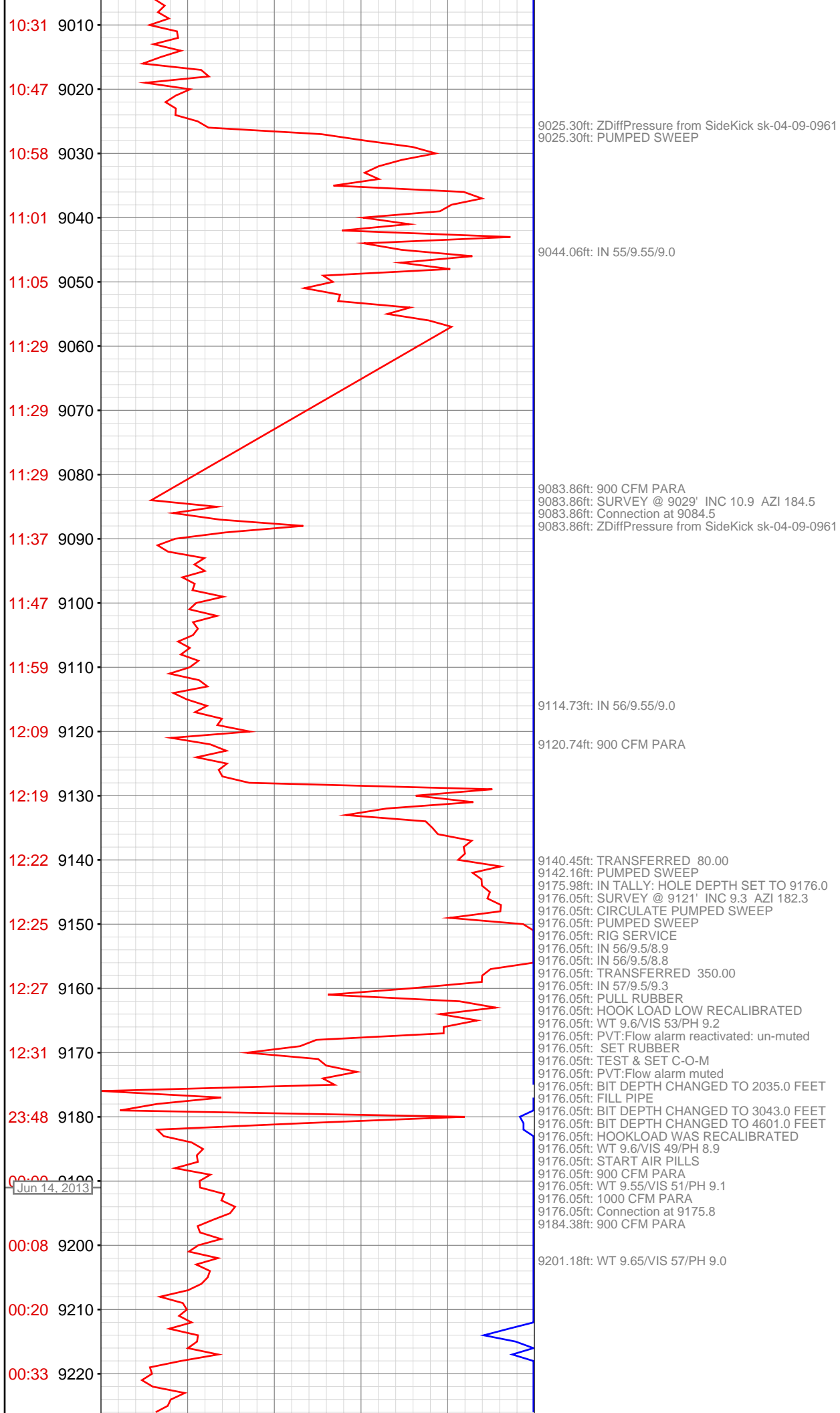


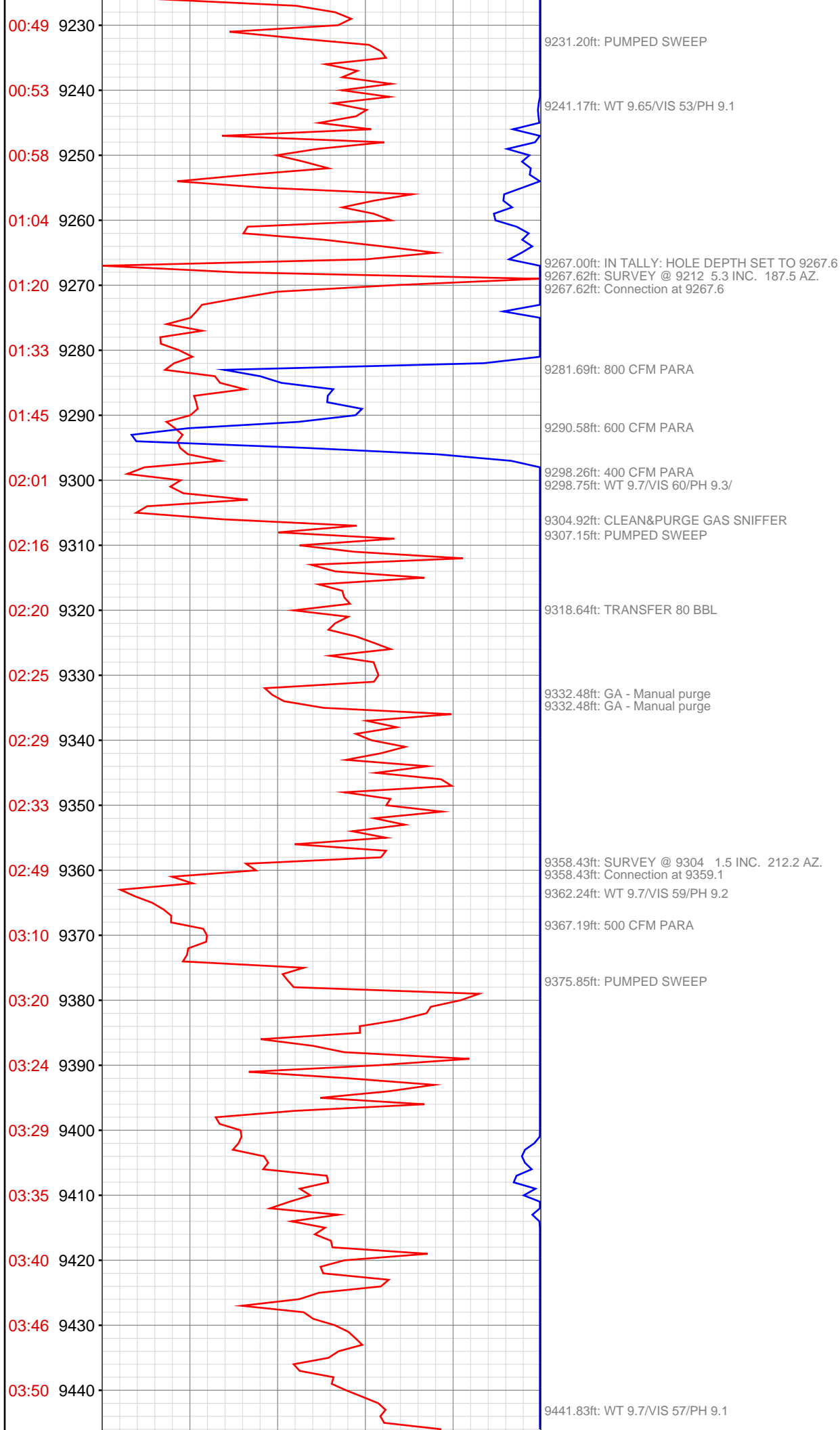


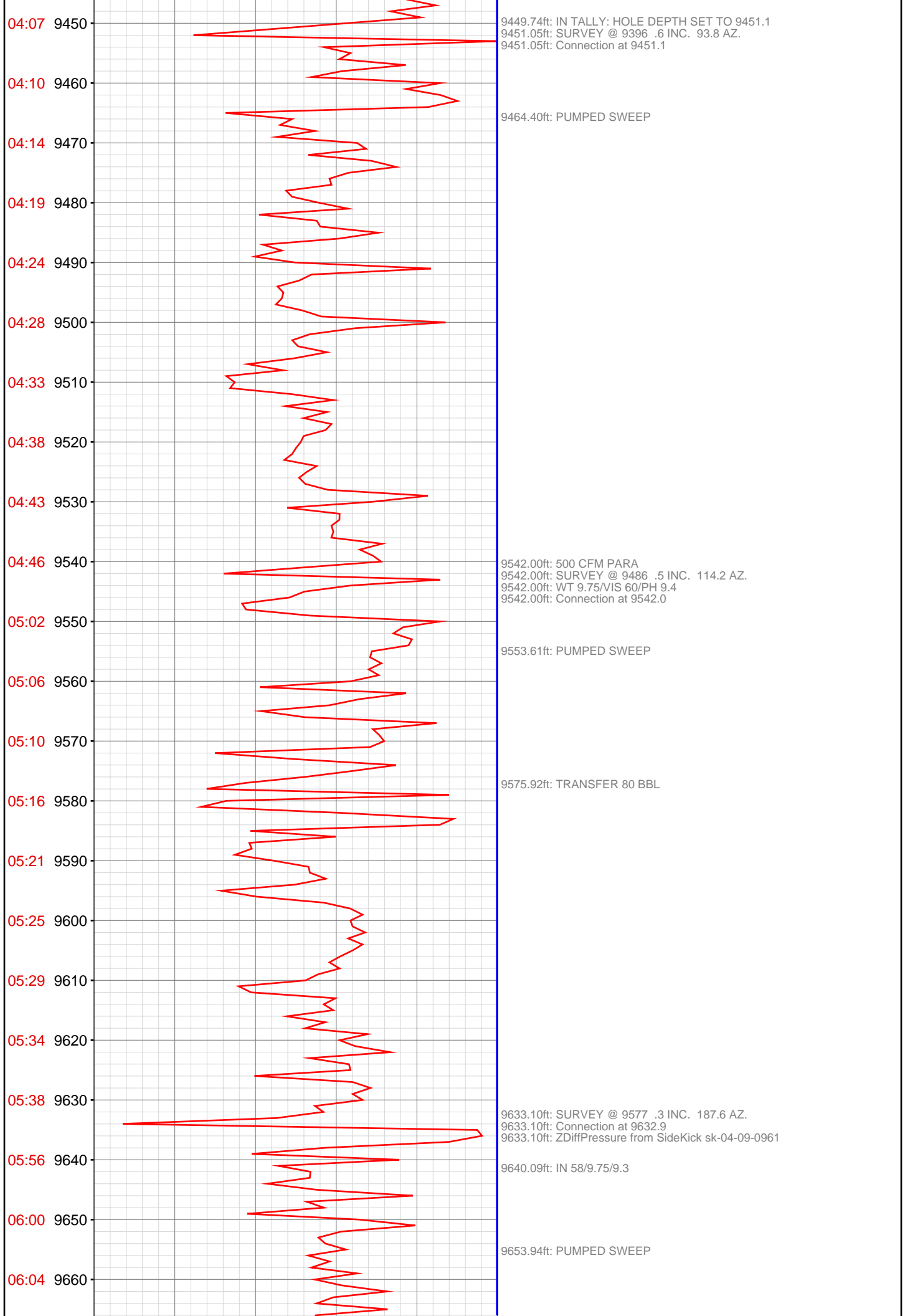


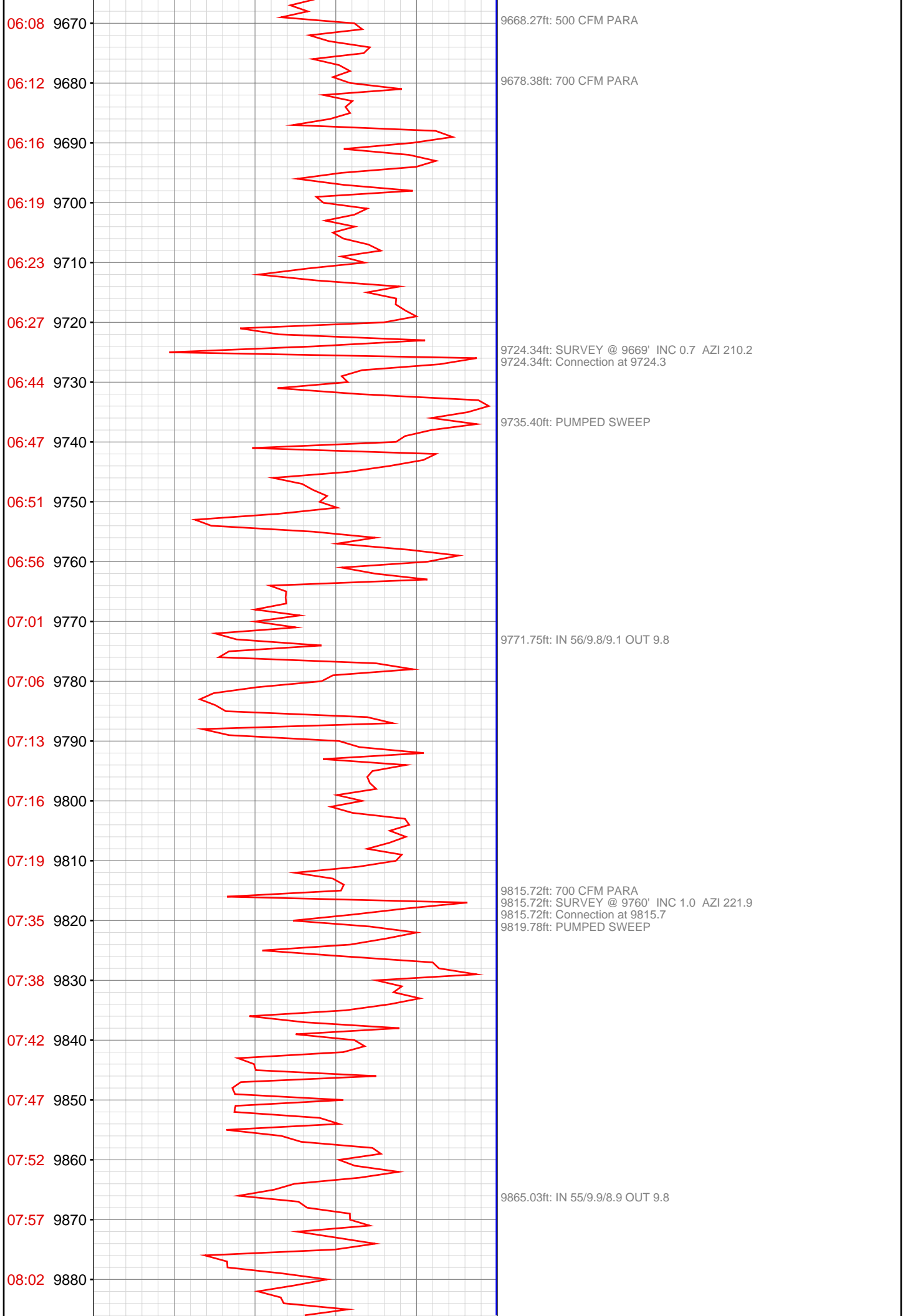


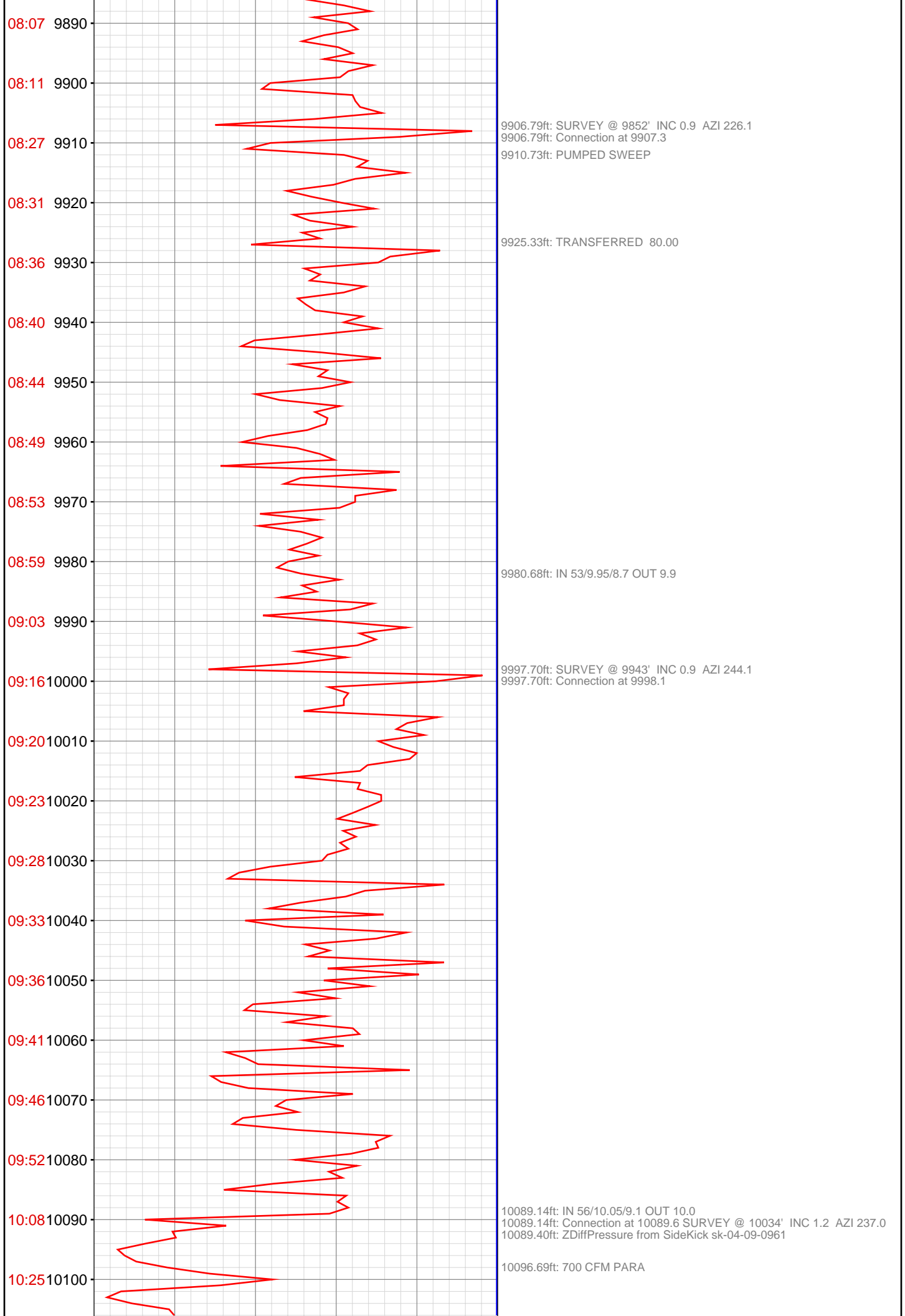


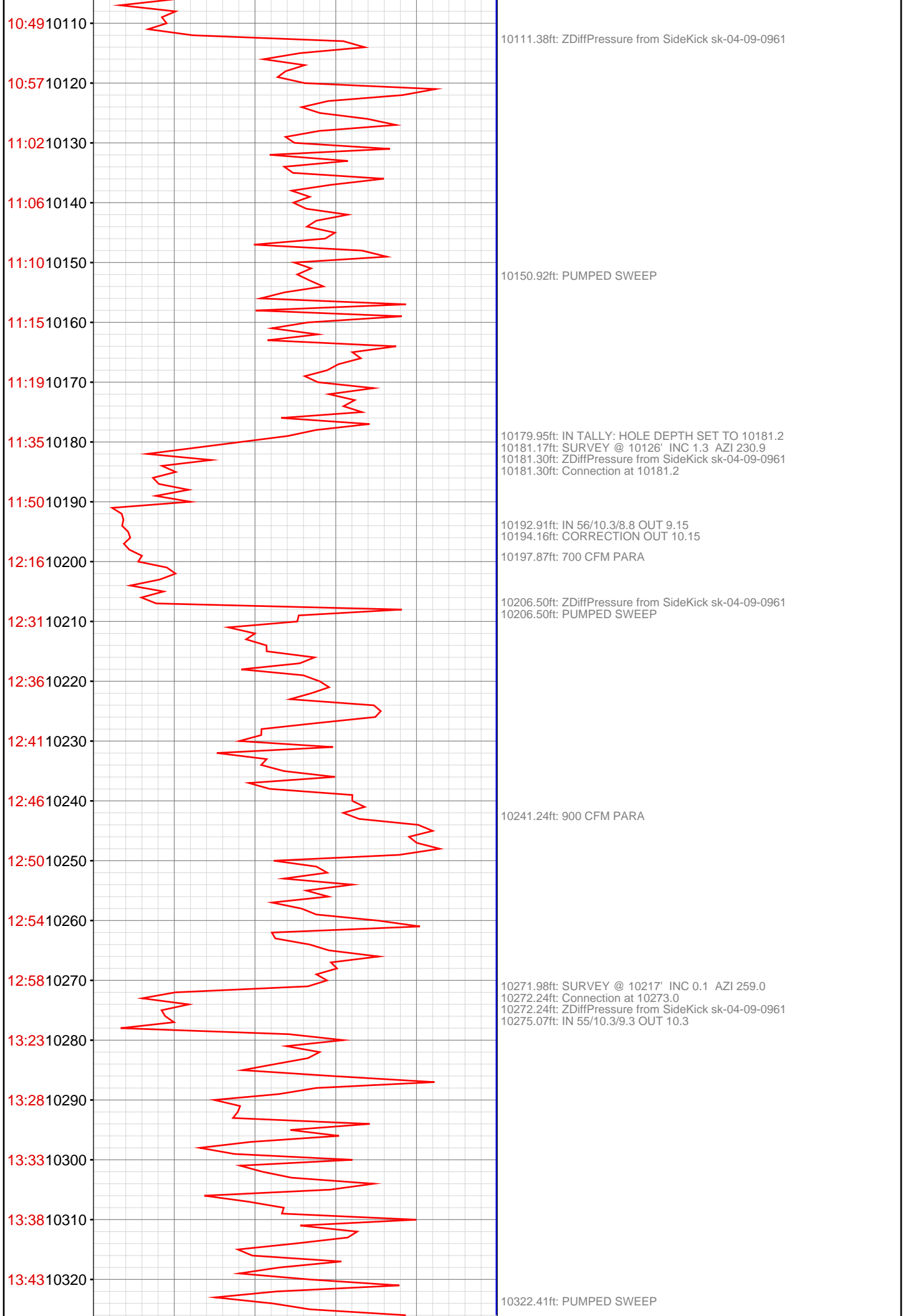


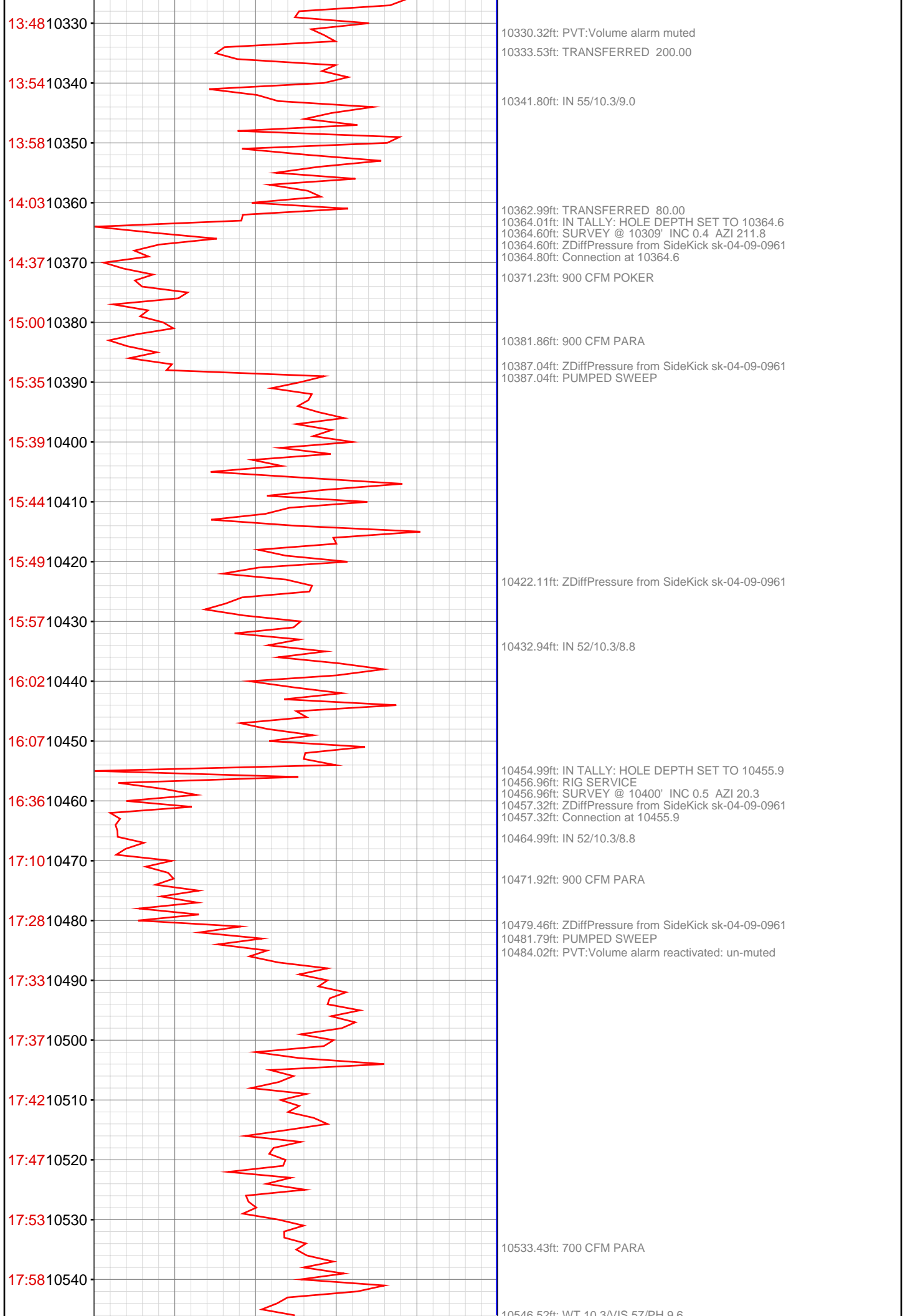


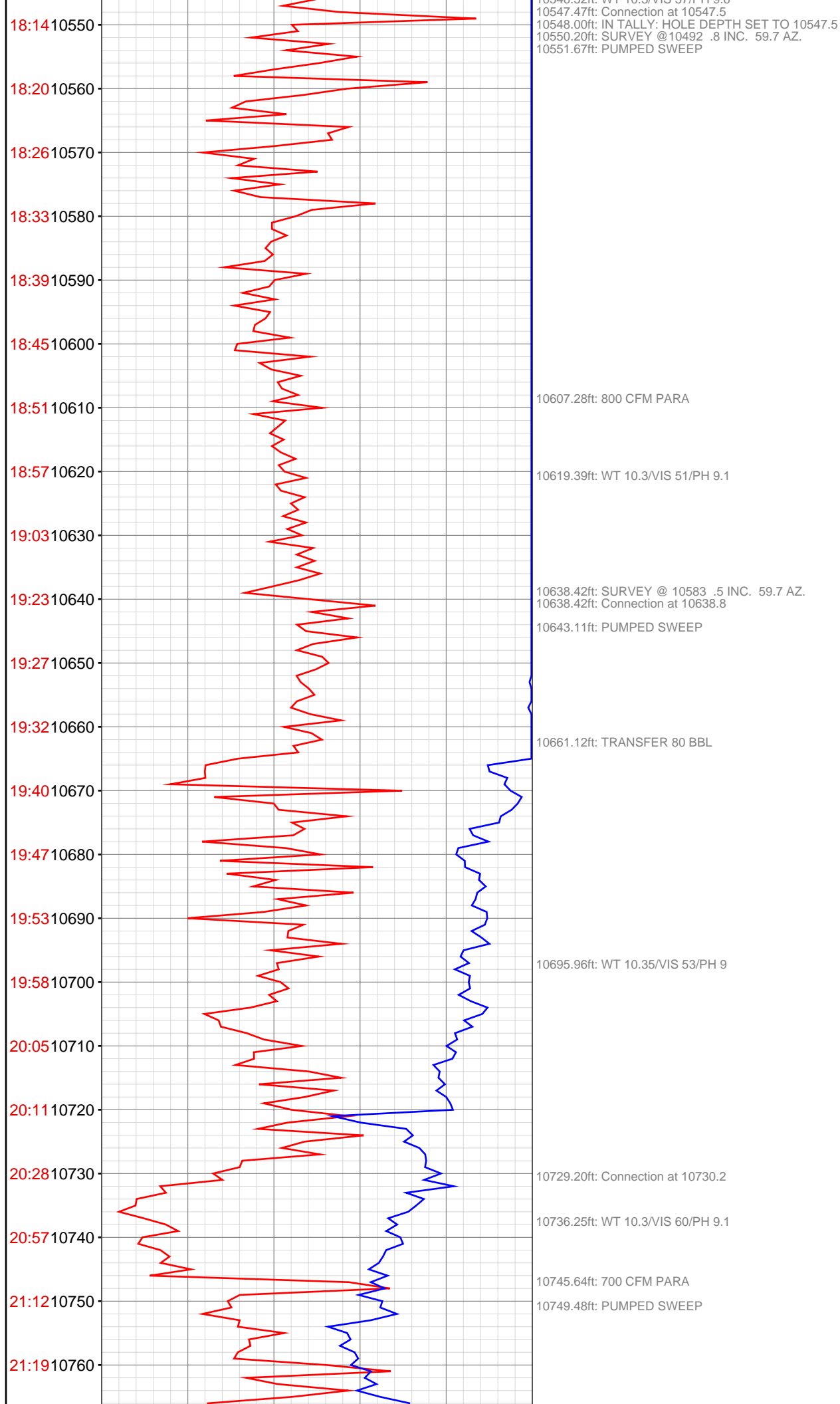


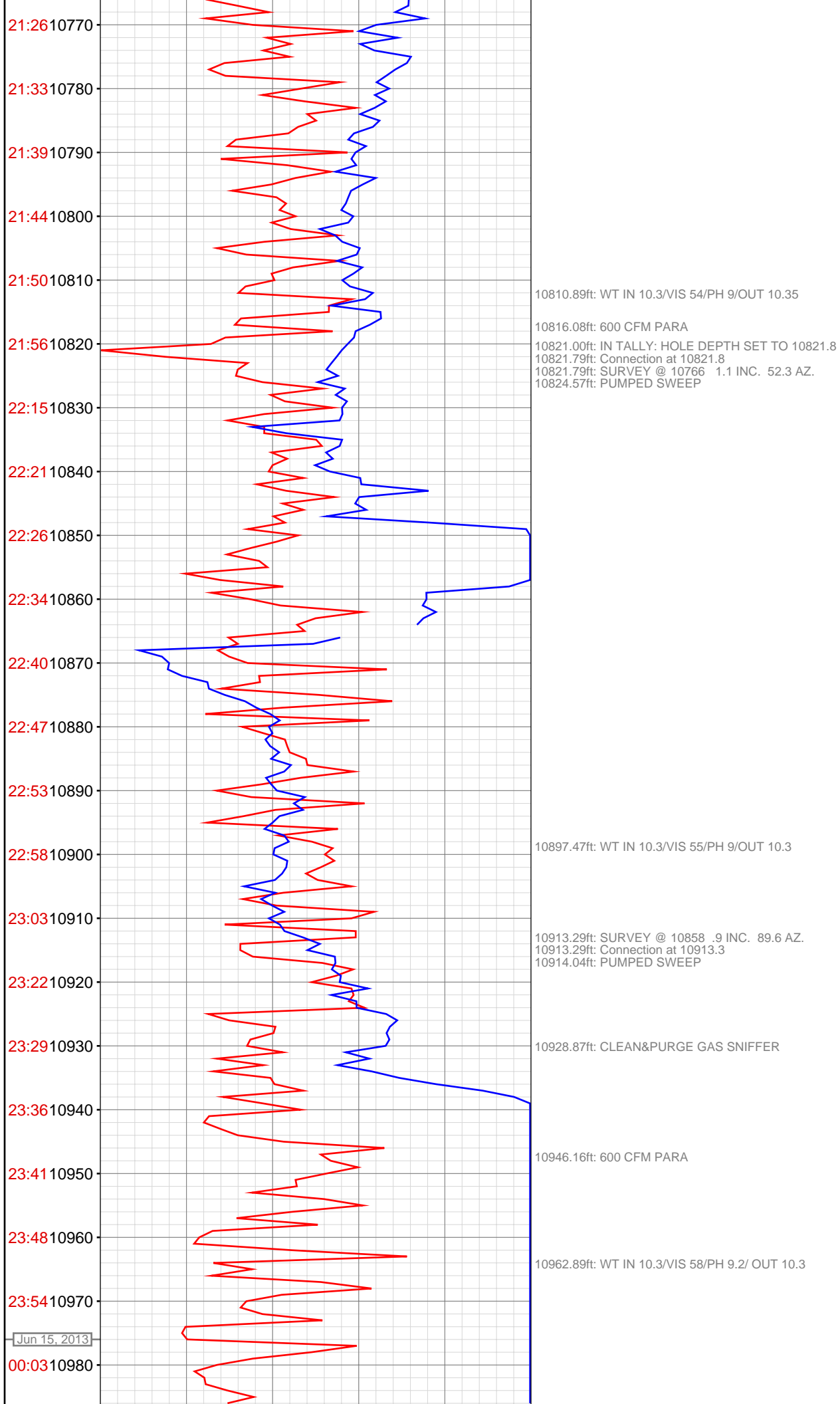


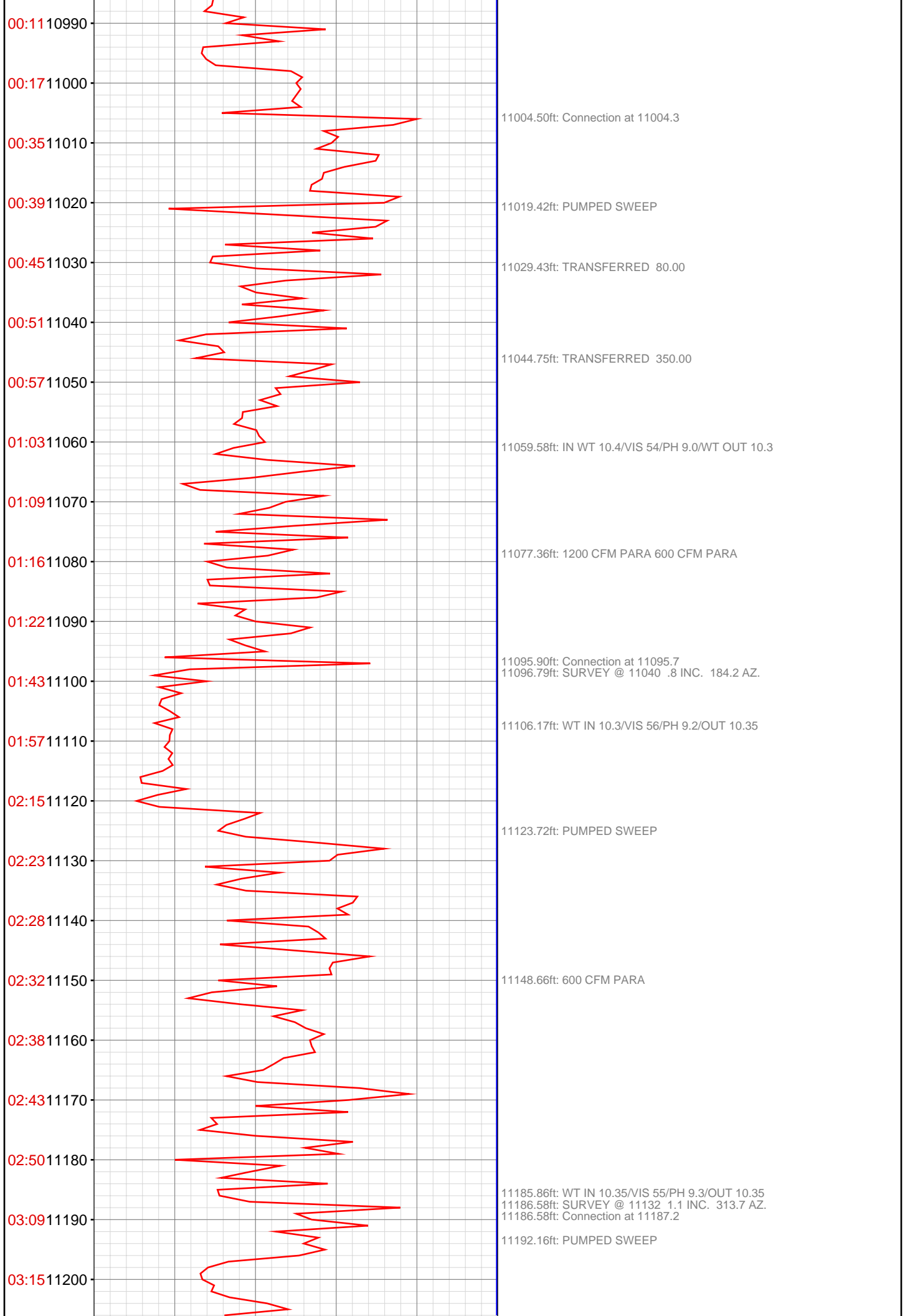


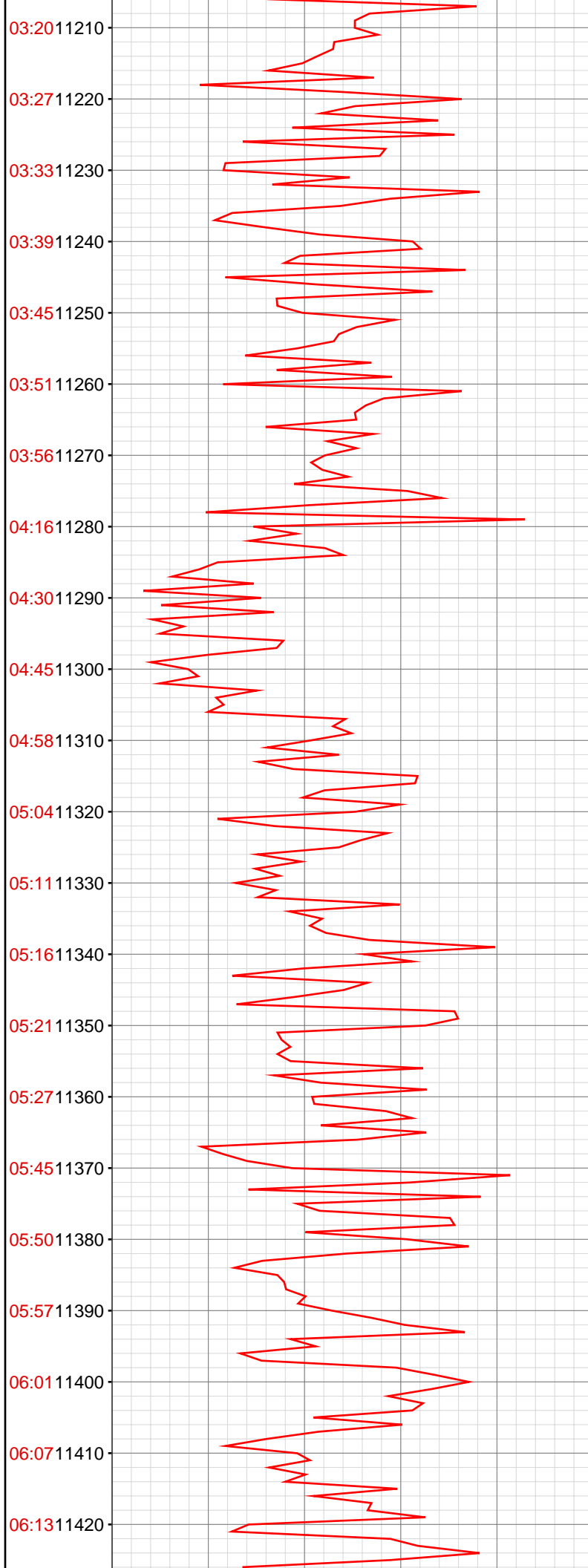












11255.18ft: 700 CFM PARA
11259.38ft: WT IN 10.35/VIS 52/PH 9.1/OUT 10.35

11277.89ft: Connection at 11278.3
11277.89ft: SURVEY @ 11223 1.2 INC. 291.2 AZ.

11305.32ft: WT IN 10.35/VIS 58/PH 9.3/OUT 10.35
11310.63ft: 800 CFM PARA
11313.62ft: PUMPED SWEEP

11369.32ft: Connection at 11369.6
11369.32ft: SURVEY @ 11314' INC 0.9 AZI 21.3

11393.18ft: IN 53/10.3/9.2

11418.37ft: PUMPED SWEEP

