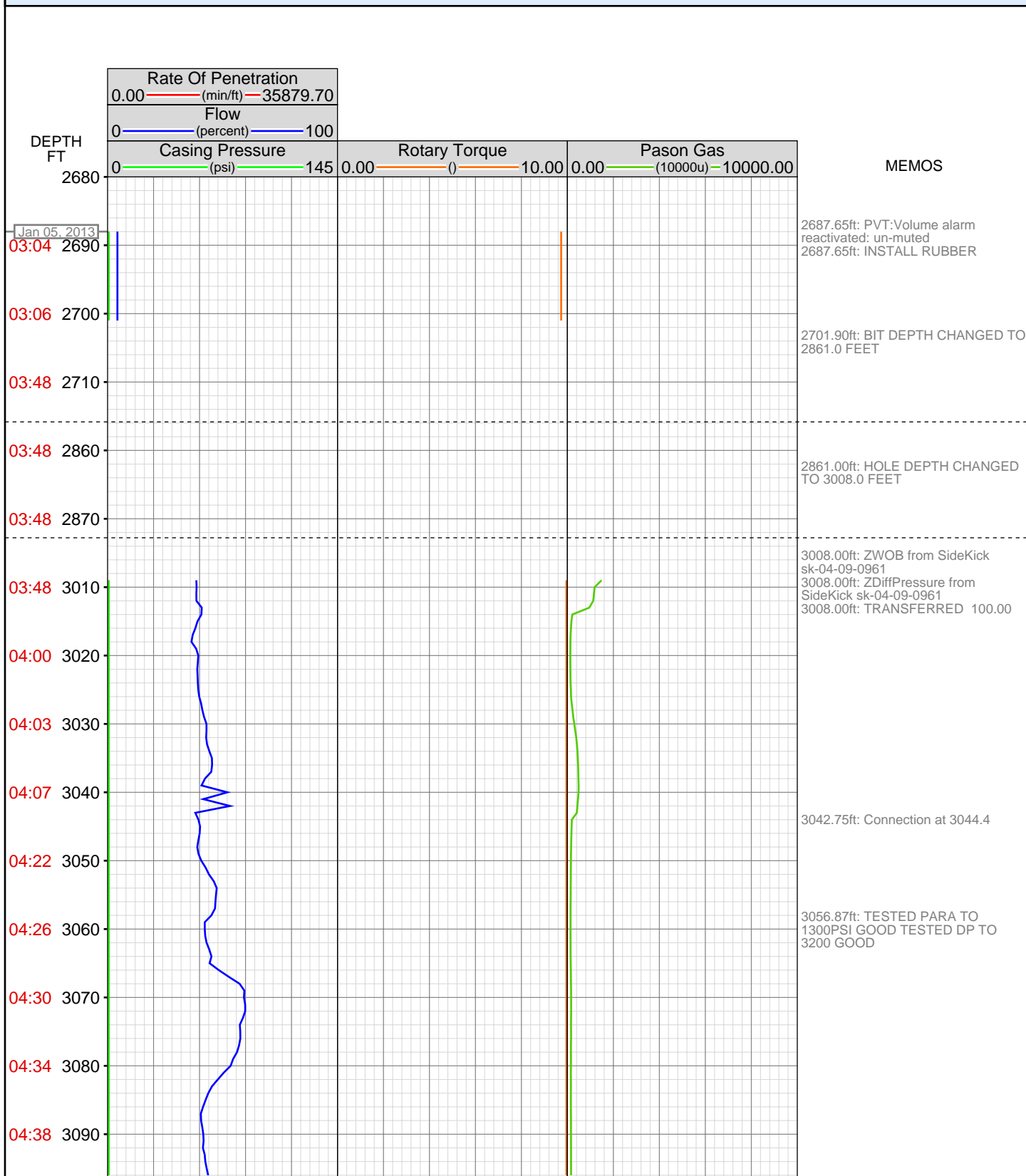


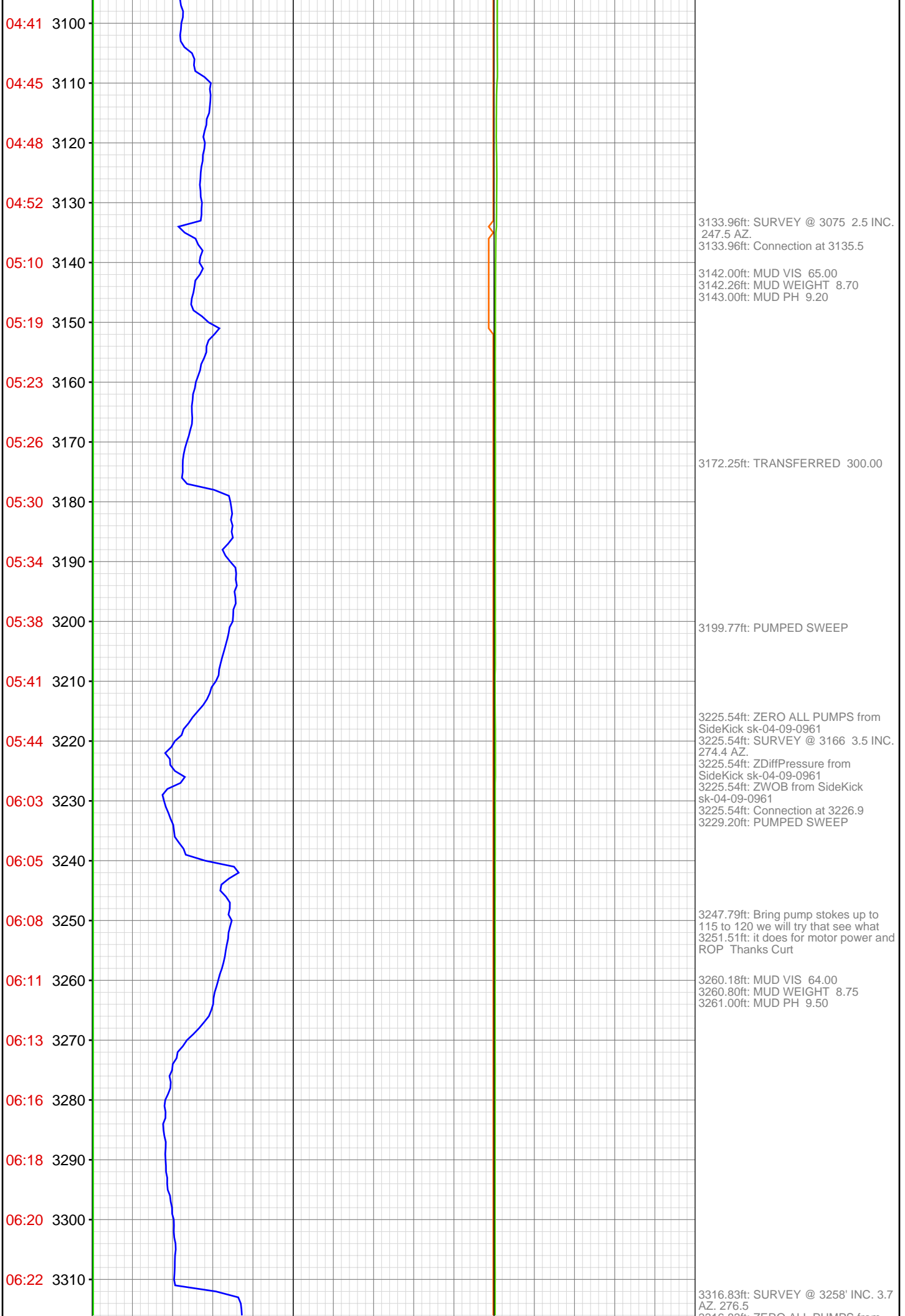
DataHub EDR Log

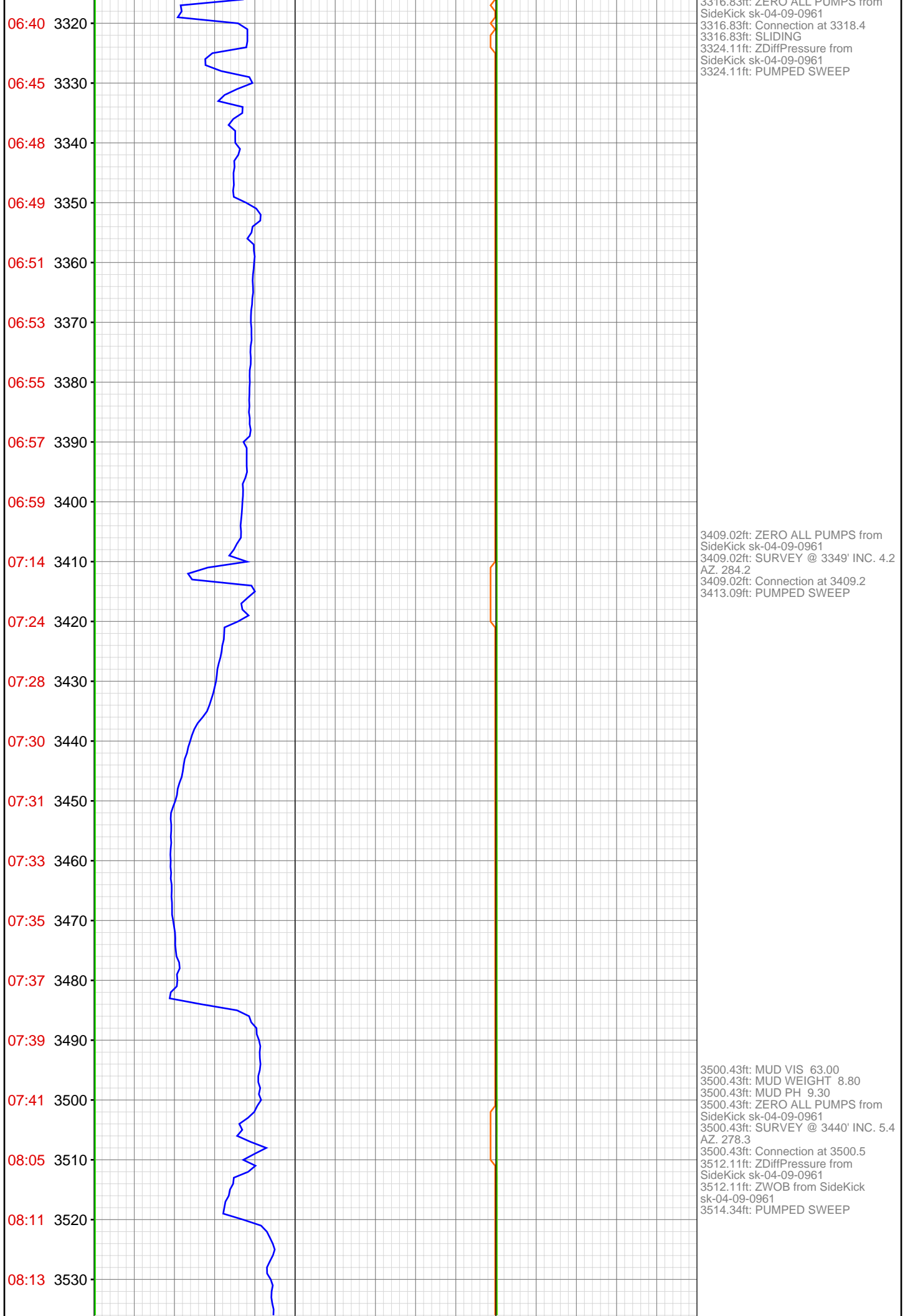
Mon Jan 14, 2013 05:59:20
Well Dossier 1357286700
Marilyn Tucker

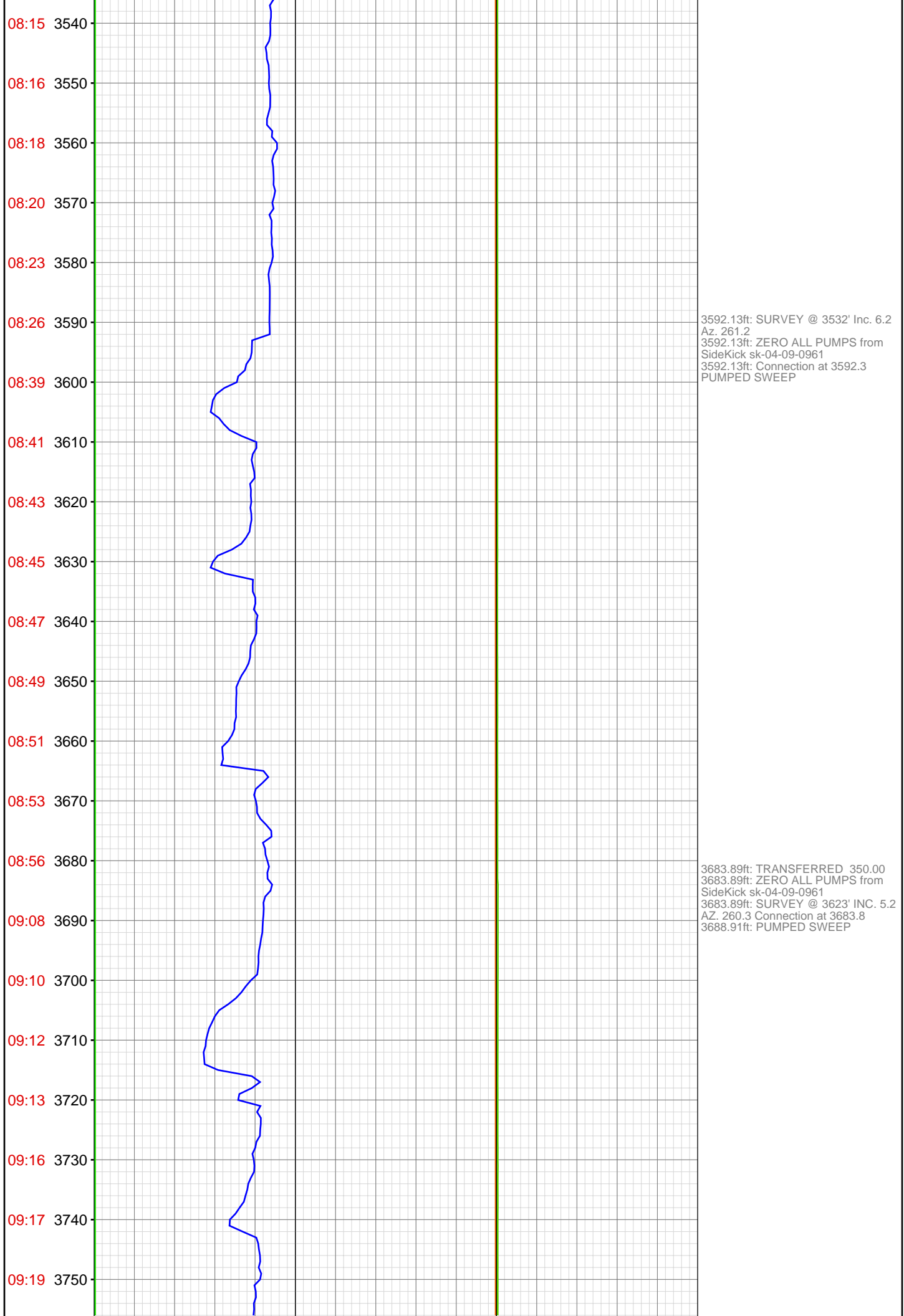
OPERATOR: EnCana Oil & Gas (USA), Inc.
WELL: SG 8504B-36 D36 496
FIELD:
LOCATION: Sec 36 Twp 4S Rng 96W
COUNTRY: USA
RIG: Pat-UTI 326

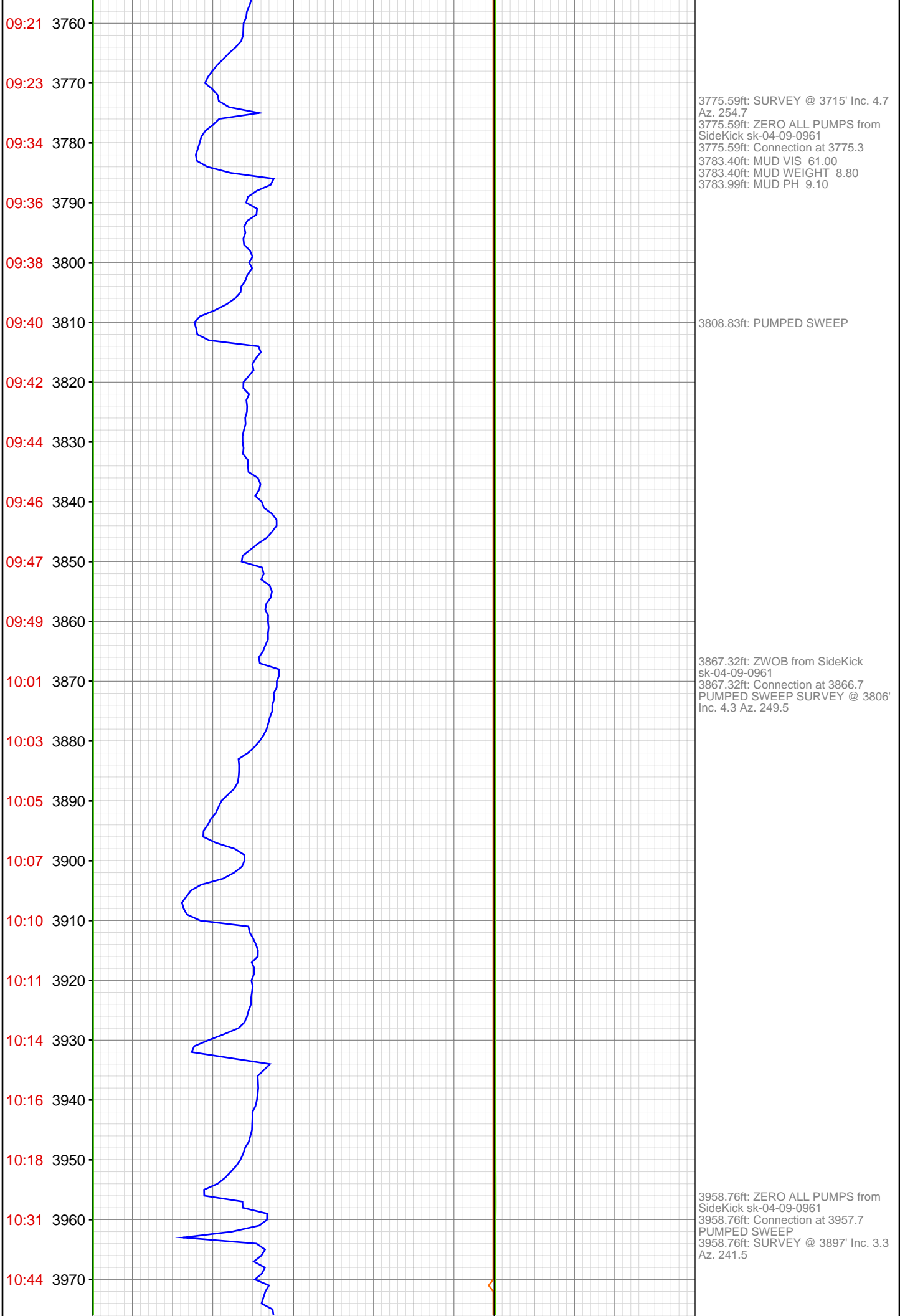
CONTRACTOR: Patterson-UTI Drilling Company
UNIQUE WELL ID: 05-045-20919
SPUD DATE: Jan 05, 2013 04:00
RELEASE DATE: Jan 11, 2013 23:30

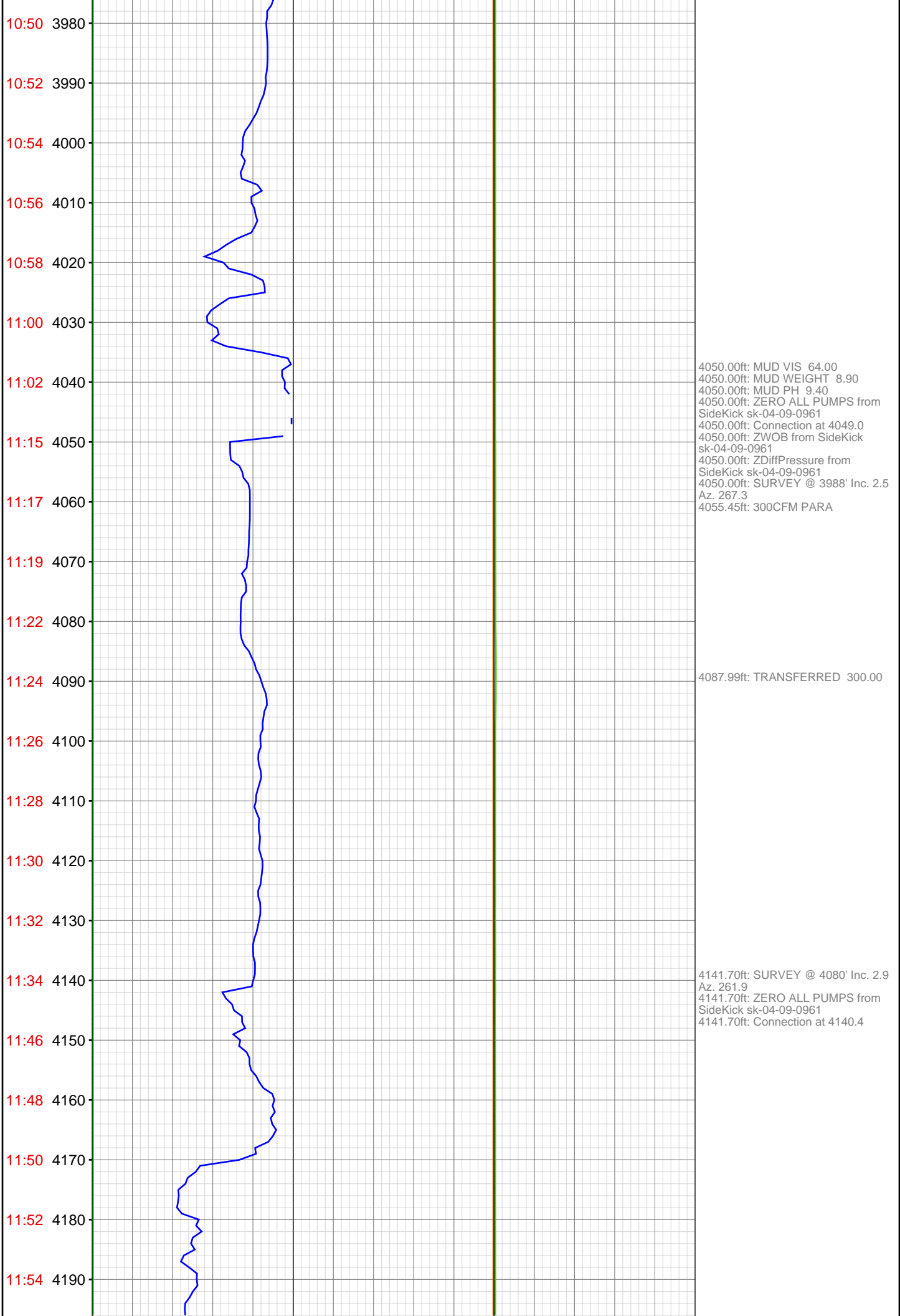


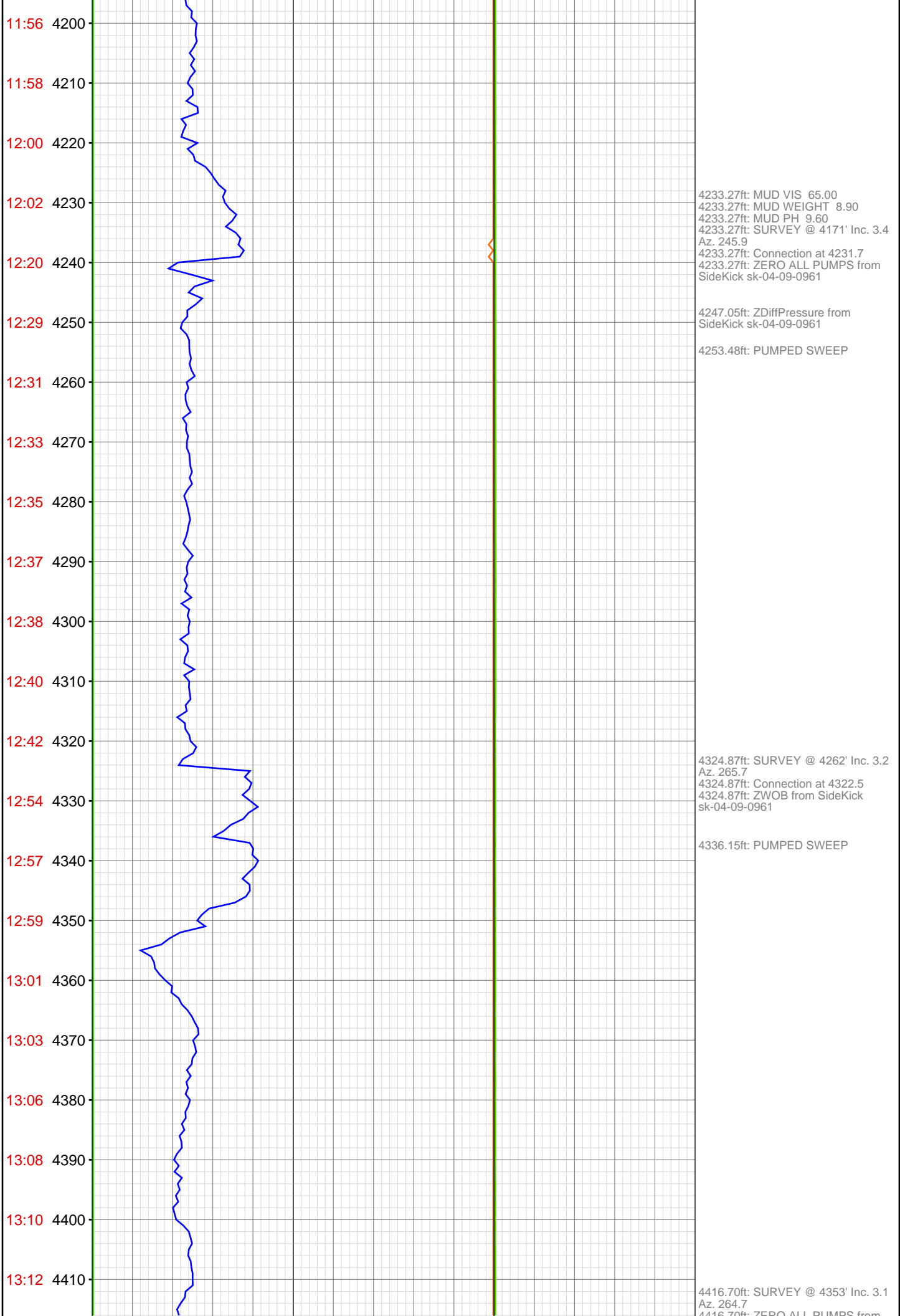


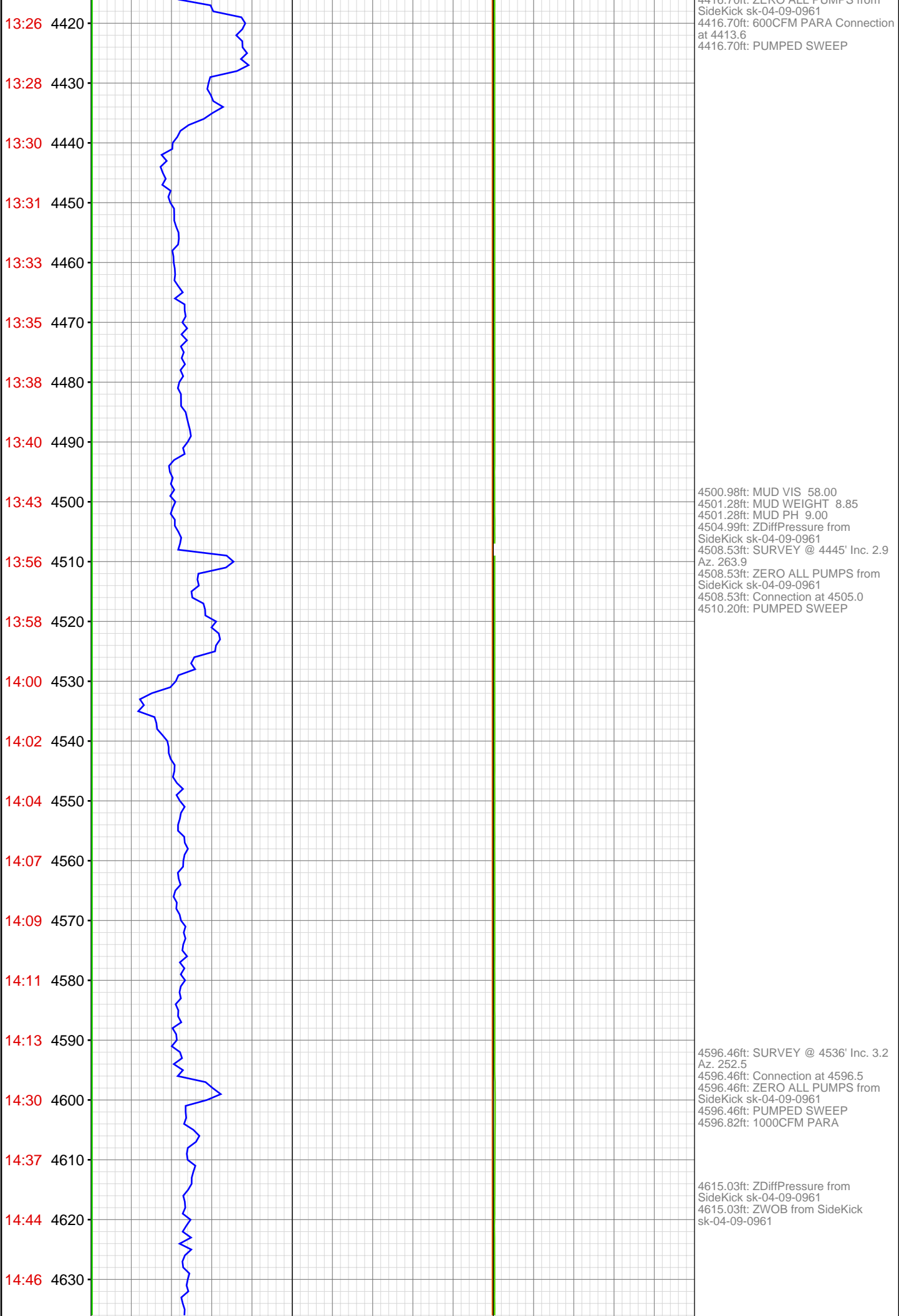












14:48 4640
14:50 4650
14:52 4660
14:54 4670
14:56 4680
15:10 4690
15:11 4700
15:13 4710
15:15 4720
15:16 4730
15:18 4740
15:20 4750
15:22 4760
15:26 4770
15:39 4780
15:40 4790
15:42 4800
15:43 4810
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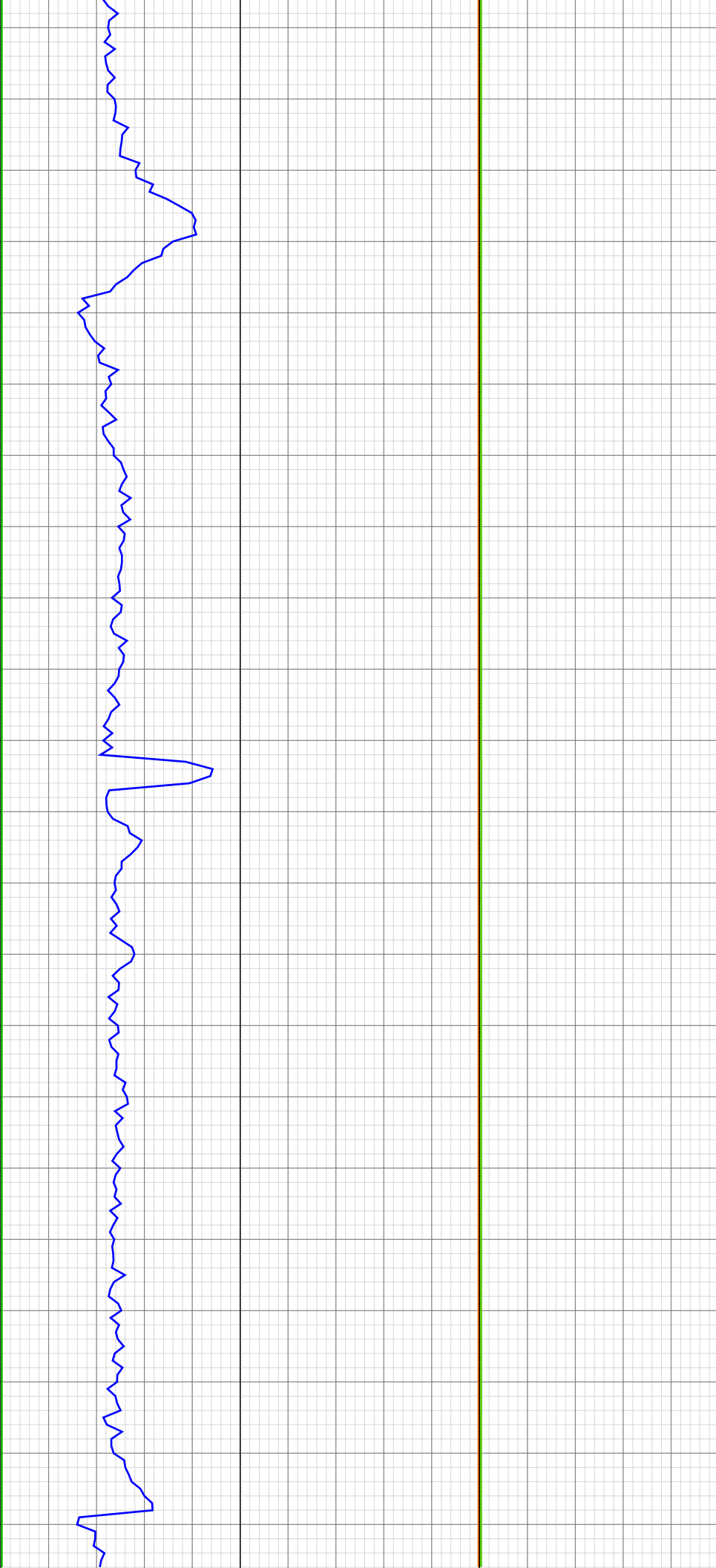


4687.89ft: SURVEY @ 4627' Inc. 2.9
Az. 274.9
4687.89ft: ZERO ALL PUMPS from
SideKick sk-04-09-0961
4687.89ft: Connection at 4687.9
4688.65ft: PUMPED SWEEP
4689.01ft: MUD VIS 57.00
4689.99ft: MUD WEIGHT 9.00
4689.99ft: MUD PH 9.60

4779.36ft: SURVEY @ 4719' Inc. 2.9
Az. 270.8
4779.36ft: MUD VIS 0.60
4779.36ft: MUD WEIGHT 8.90
4779.36ft: MUD PH 9.50
4779.36ft: ZERO ALL PUMPS from
SideKick sk-04-09-0961
4779.36ft: Connection at 4779.6
4785.99ft: PUMPED SWEEP

4798.46ft: 1000CFM PARA

15:52 4860
15:53 4870
16:05 4880
16:07 4890
16:08 4900
16:10 4910
16:12 4920
16:14 4930
16:16 4940
16:18 4950
16:20 4960
16:37 4970
16:47 4980
16:50 4990
16:51 5000
16:53 5010
16:55 5020
16:56 5030
16:58 5040
17:00 5050
17:11 5060
17:15 5070



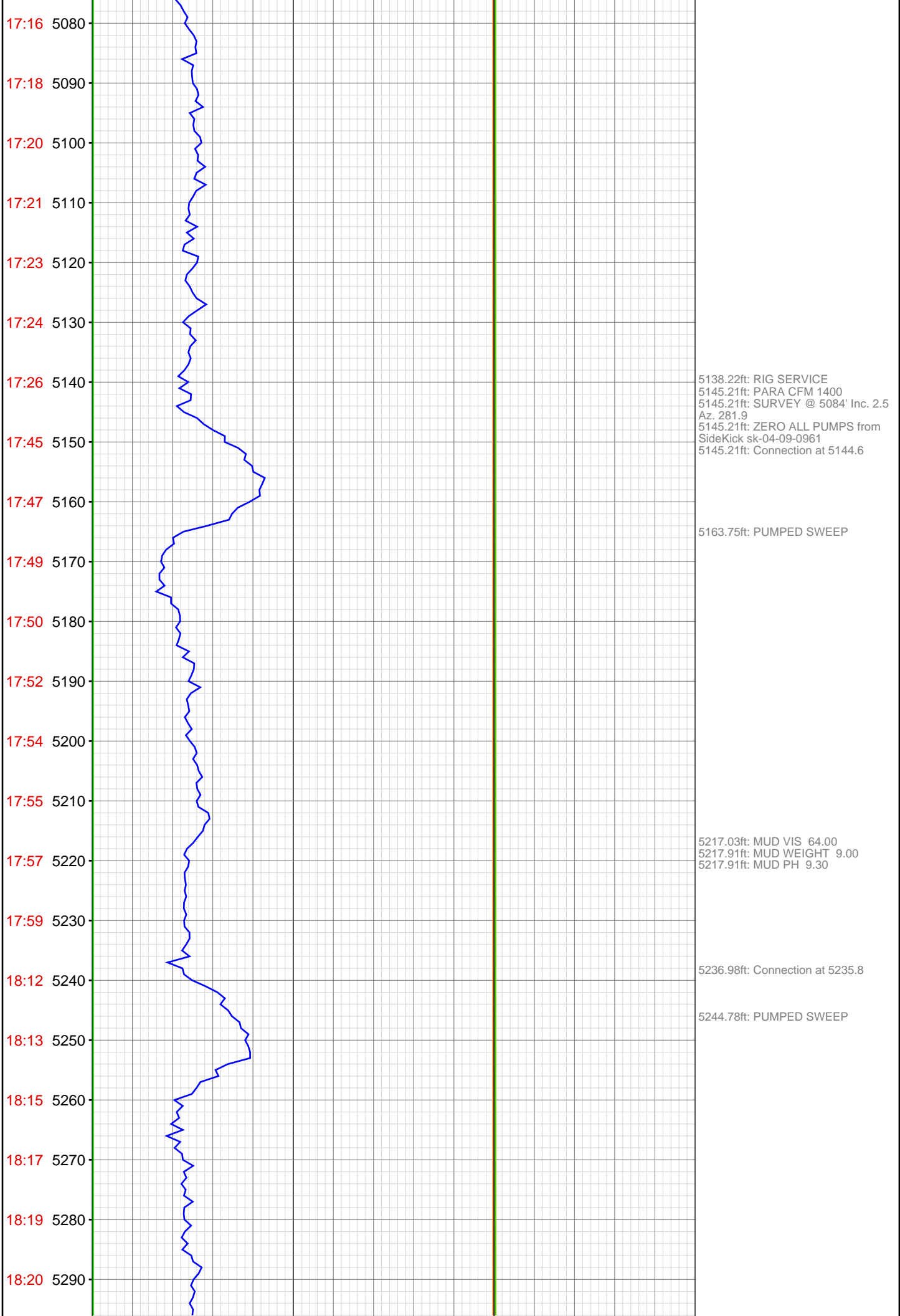
4871.06ft: SURVEY @ 4810' Inc. 2.9
Az. 264.9
4871.06ft: ZERO ALL PUMPS from
SideKick sk-04-09-0961
4871.06ft: Connection at 4870.5
4871.06ft: ZWOB from SideKick
sk-04-09-0961
4871.06ft: PUMPED SWEEP

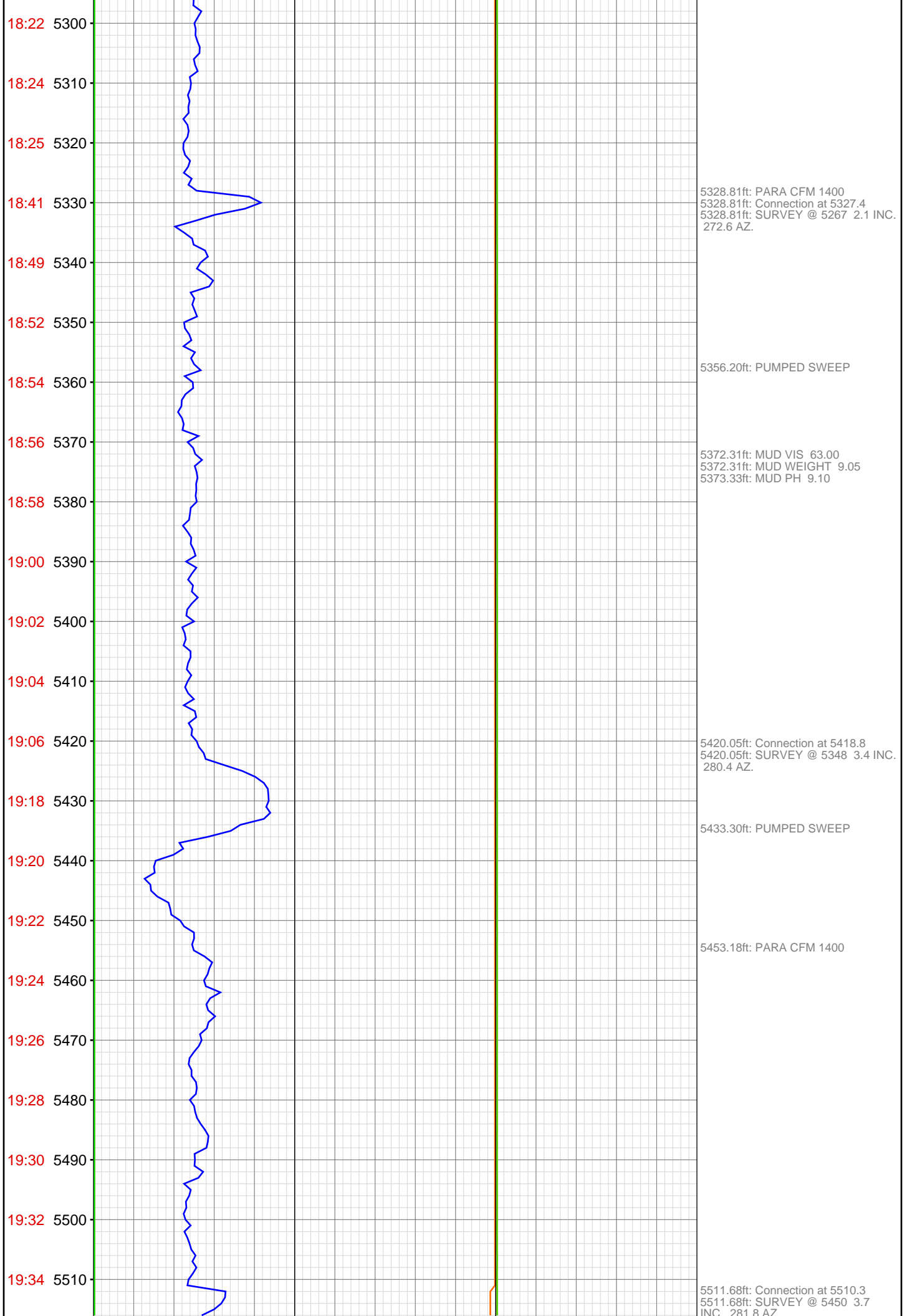
4911.98ft: 1400CFM PARA

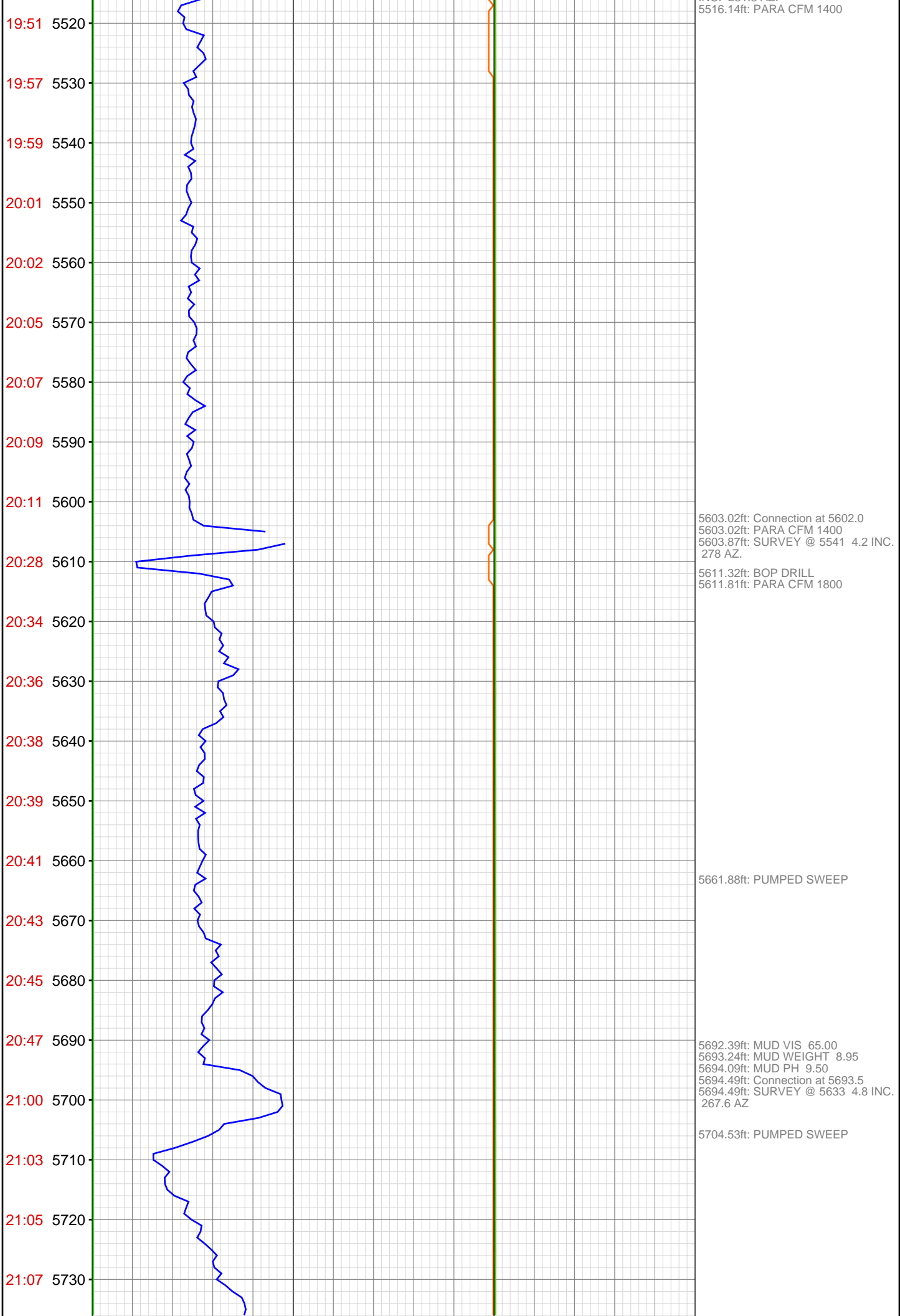
4962.53ft: ZERO ALL PUMPS from
SideKick sk-04-09-0961
4962.53ft: Connection at 4962.0
4962.53ft: PUMPED SWEEP
SURVEY @ 4901' Inc. 2.9 Az. 257.2

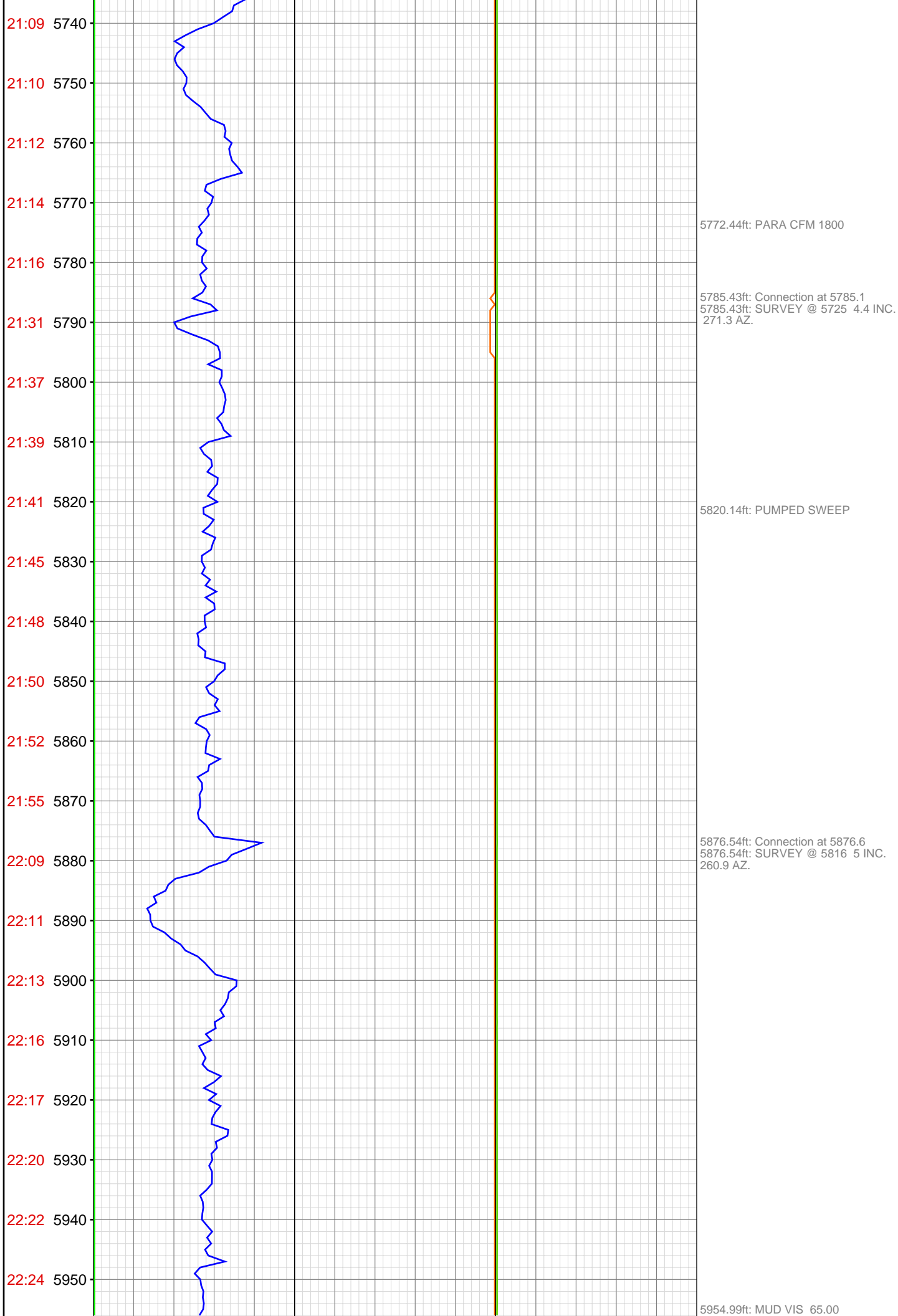
5002.00ft: MUD VIS 62.00
5002.46ft: MUD WEIGHT 9.00
5007.41ft: MUD PH 9.00

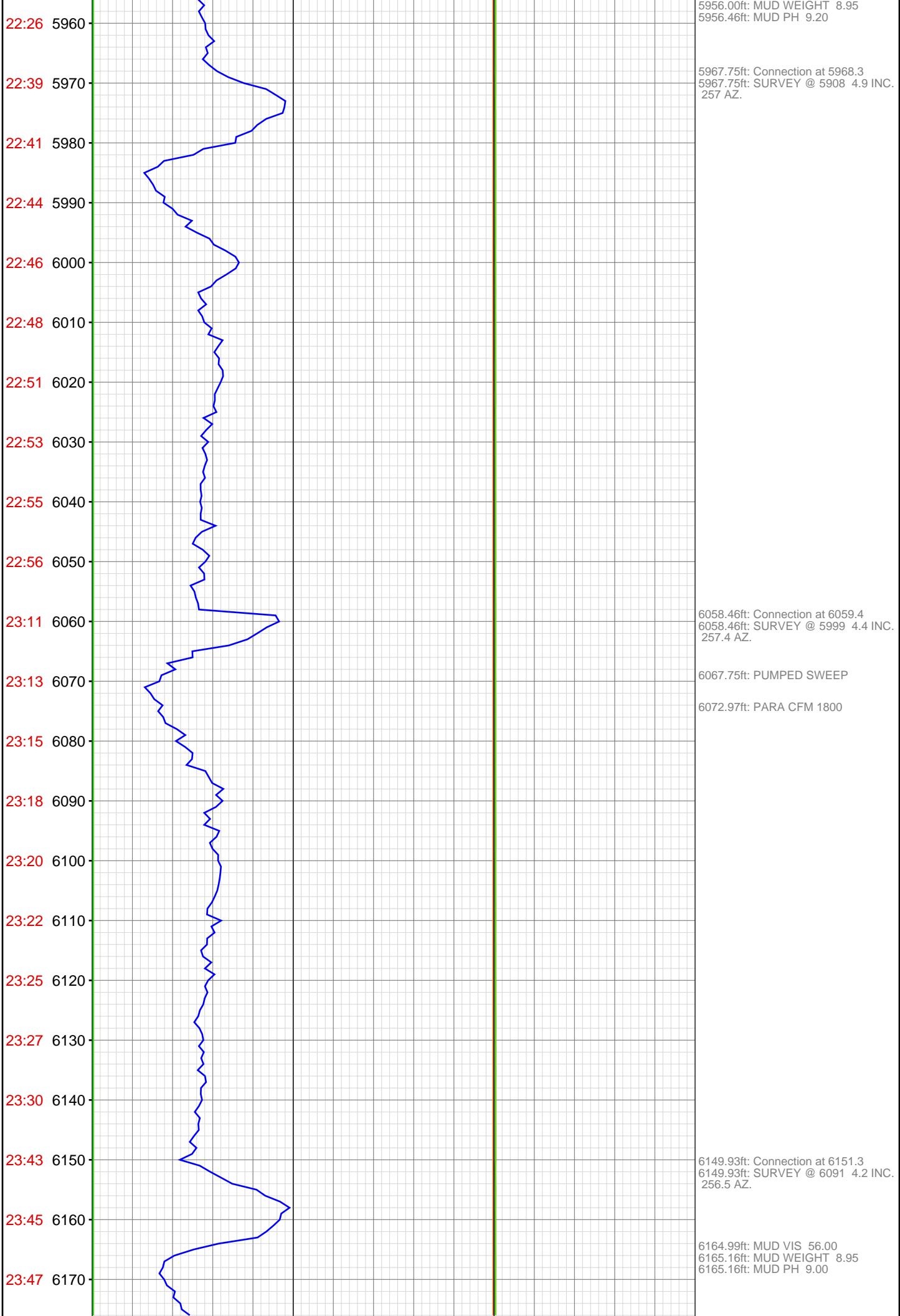
5054.00ft: SURVEY @ 4993' Inc. 2.6
Az. 277.2
5054.00ft: ZERO ALL PUMPS from
SideKick sk-04-09-0961
5054.00ft: Connection at 5053.4
5059.51ft: PUMPED SWEEP

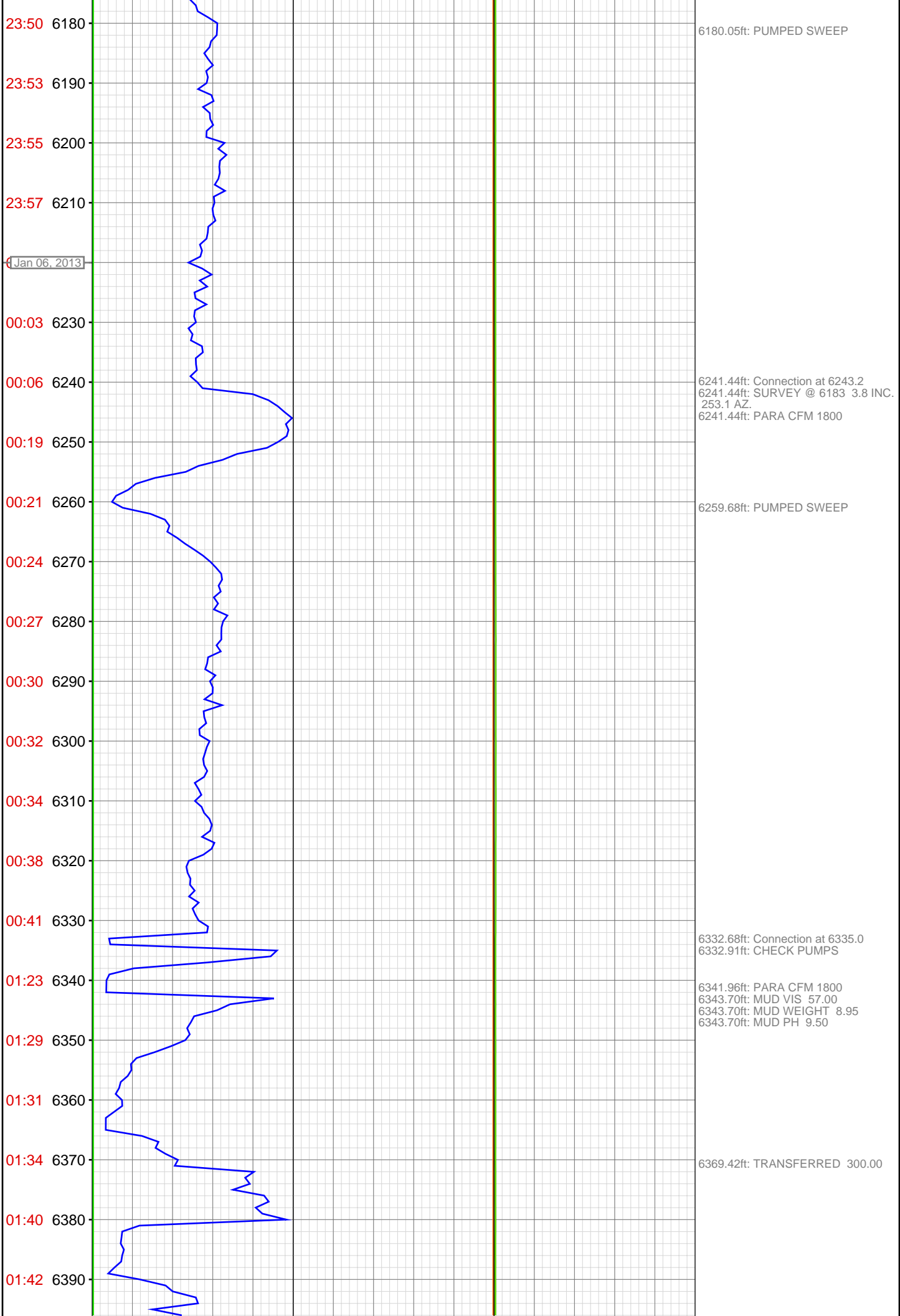


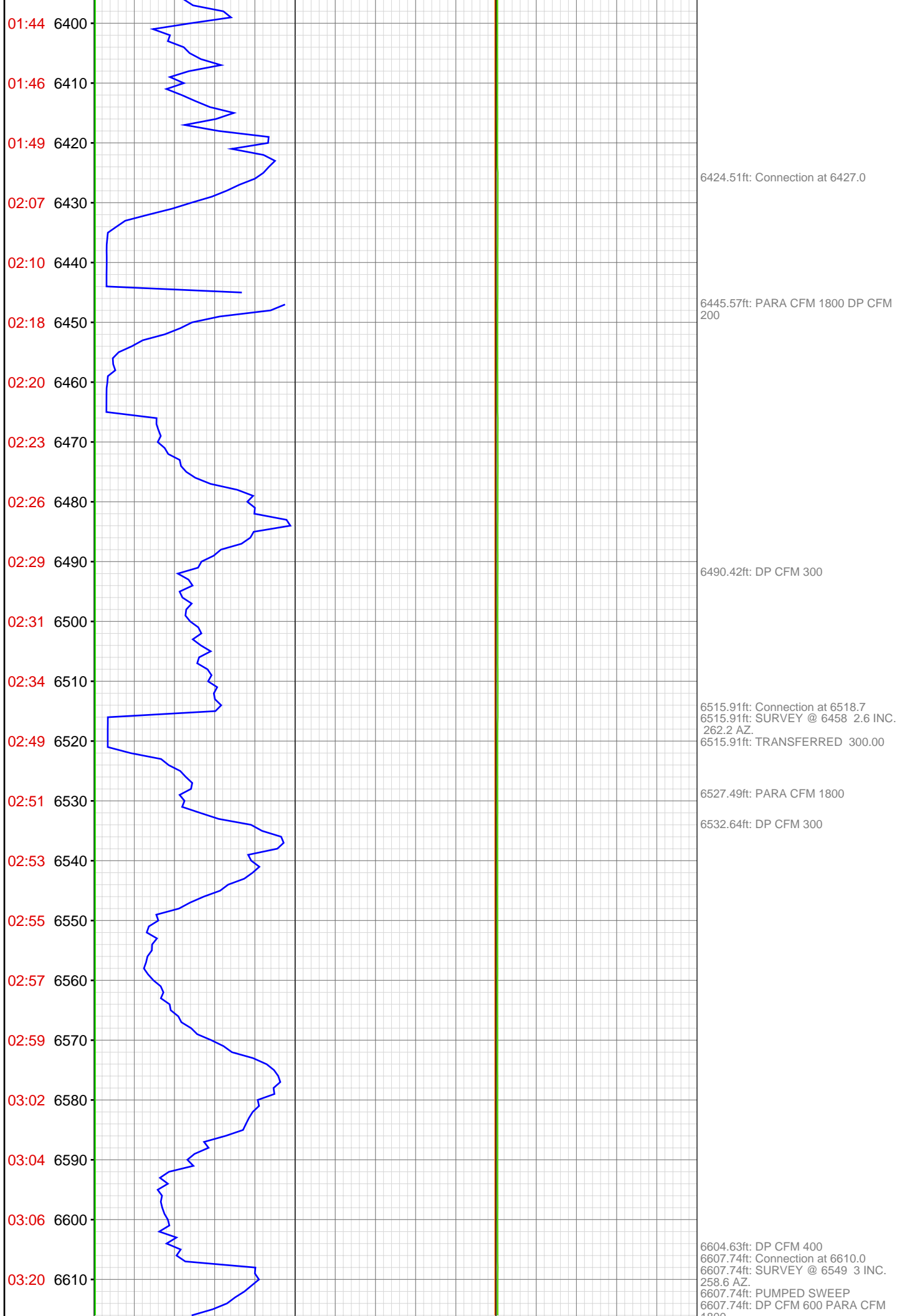


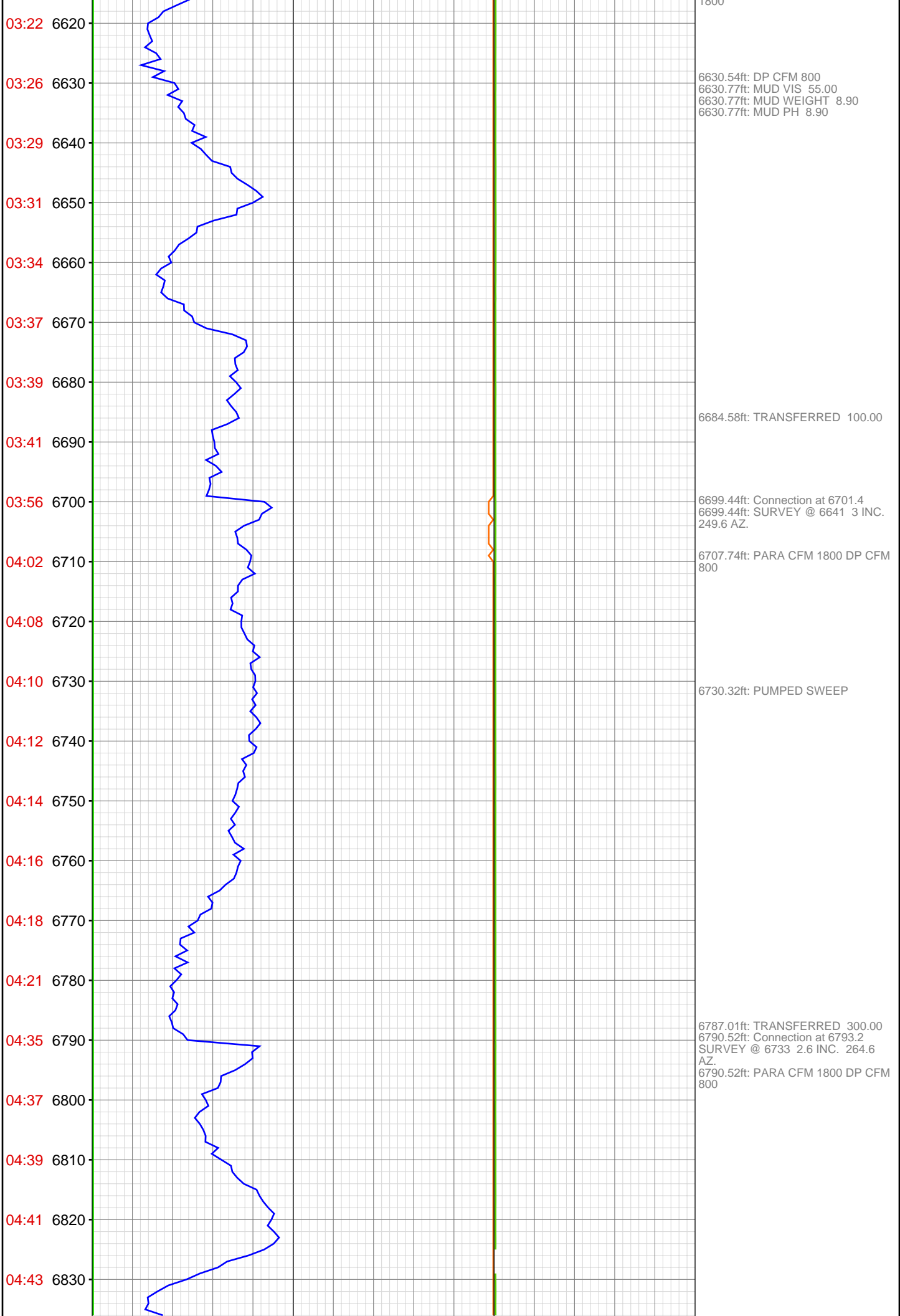


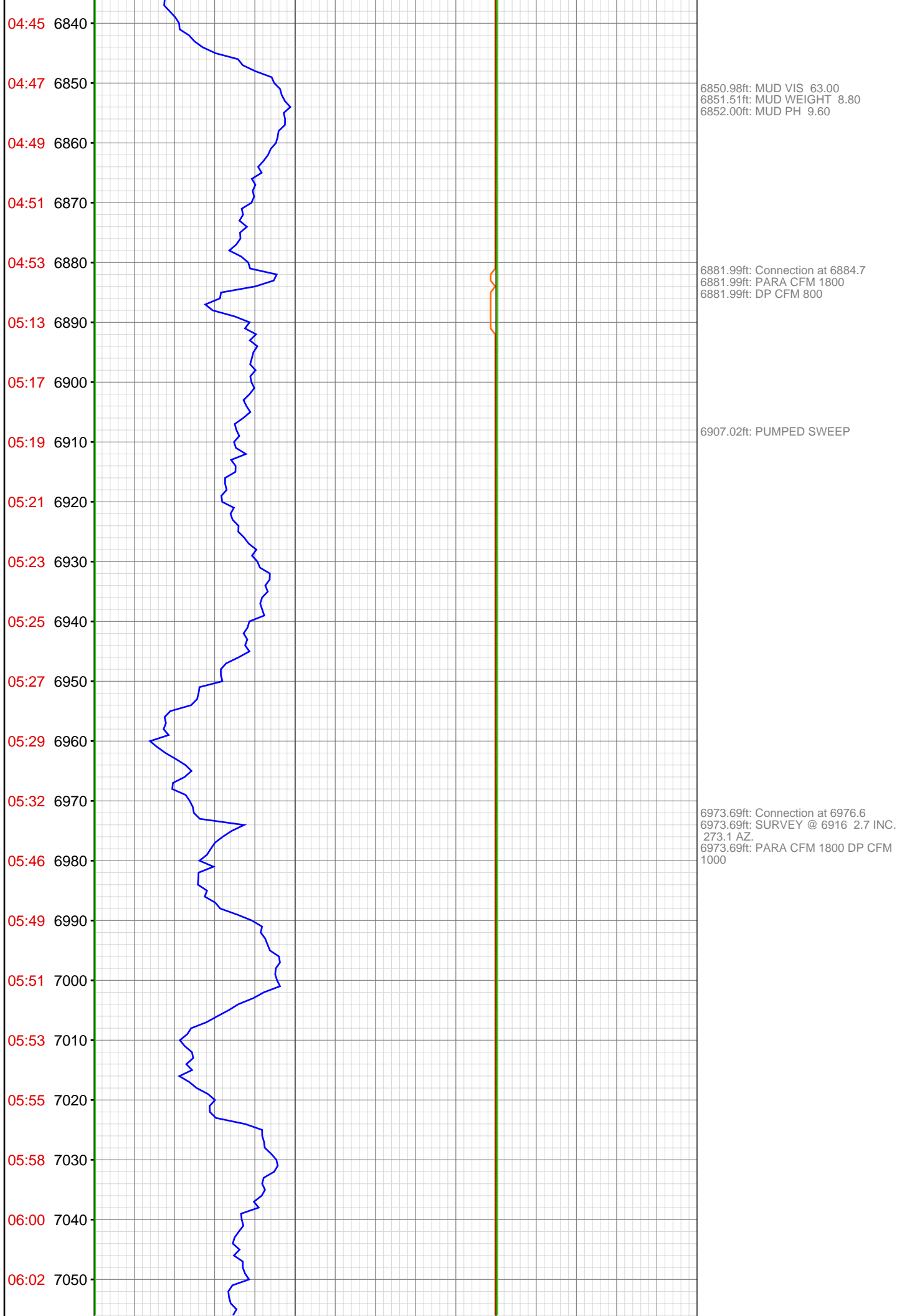


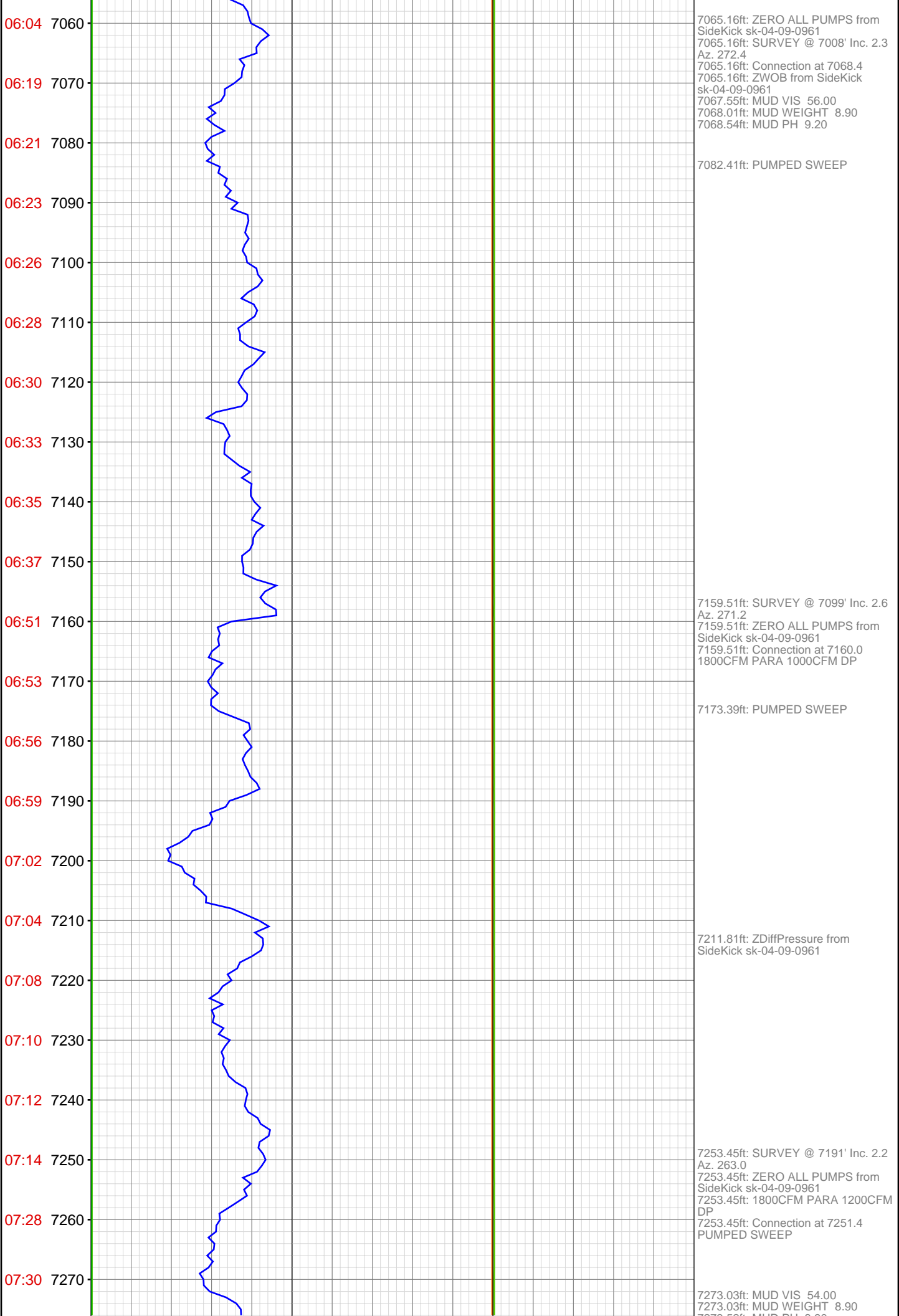


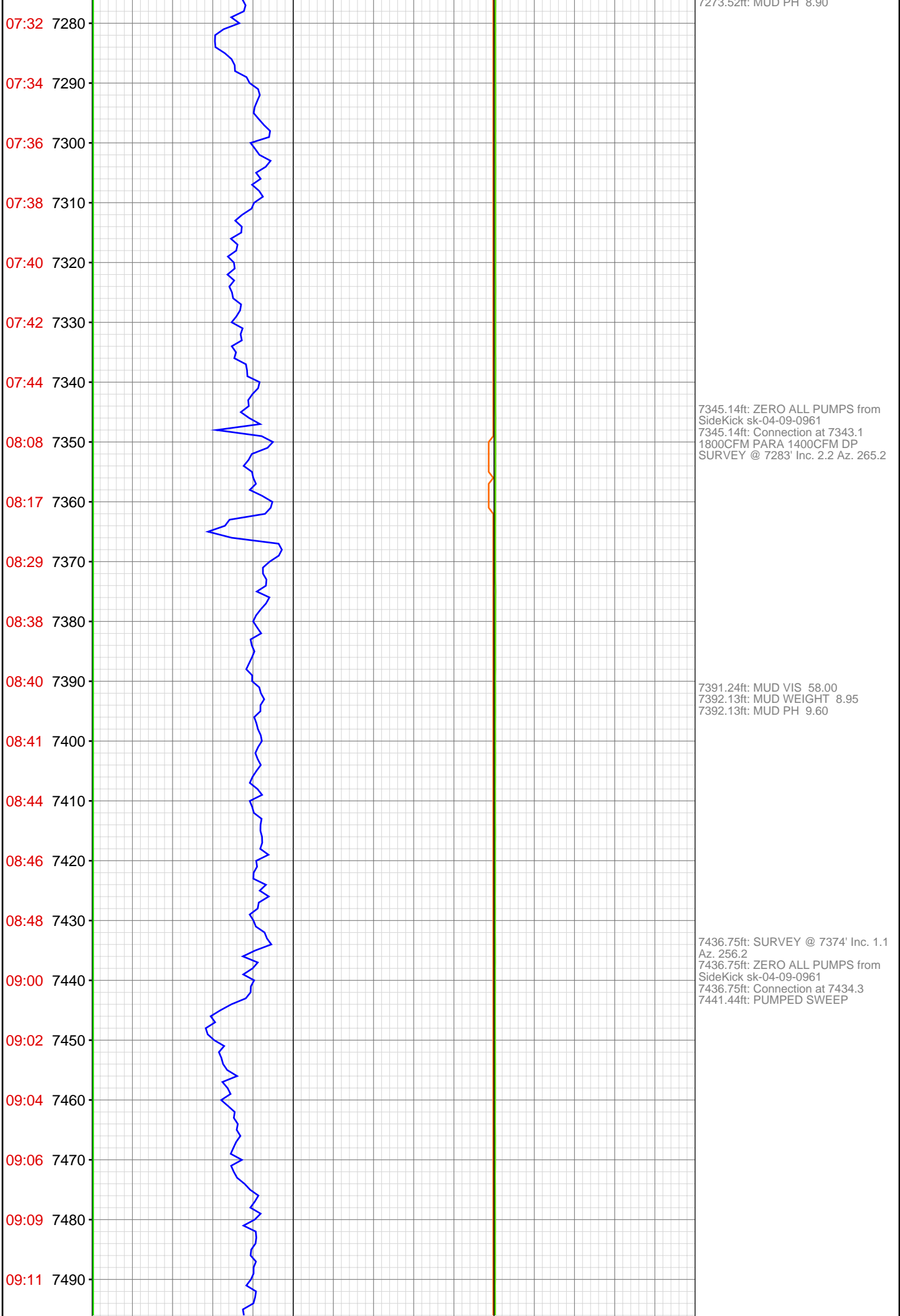


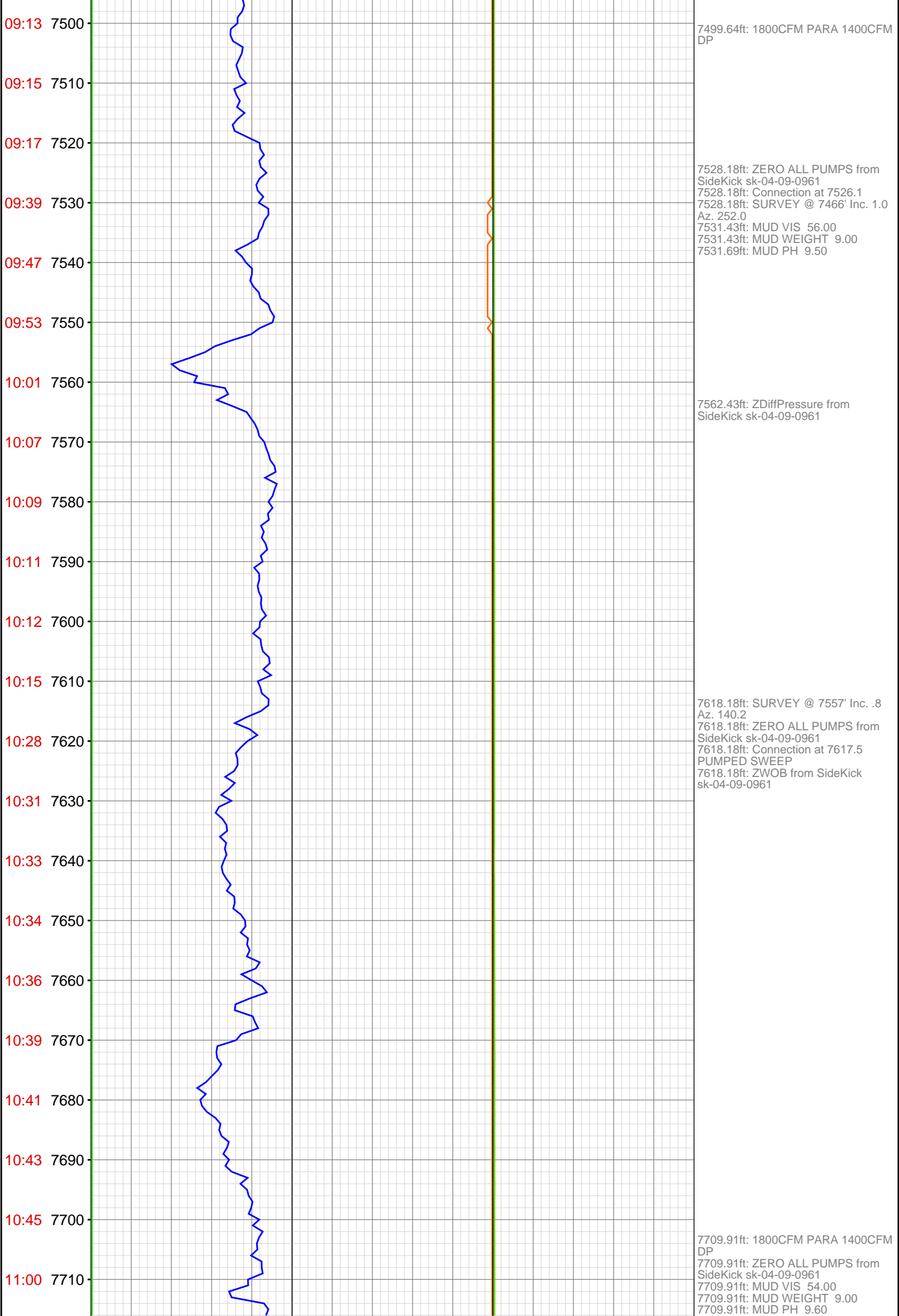


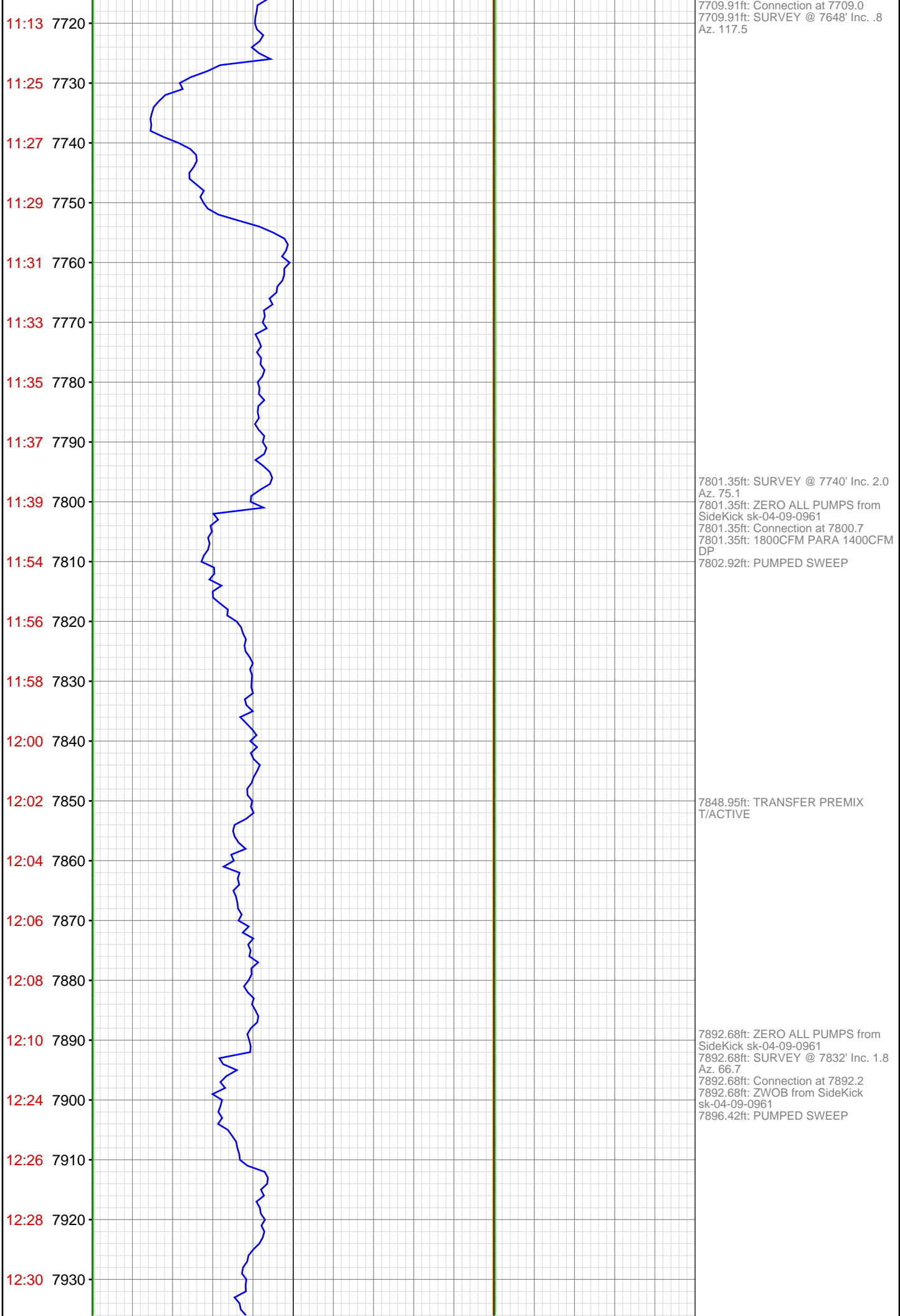


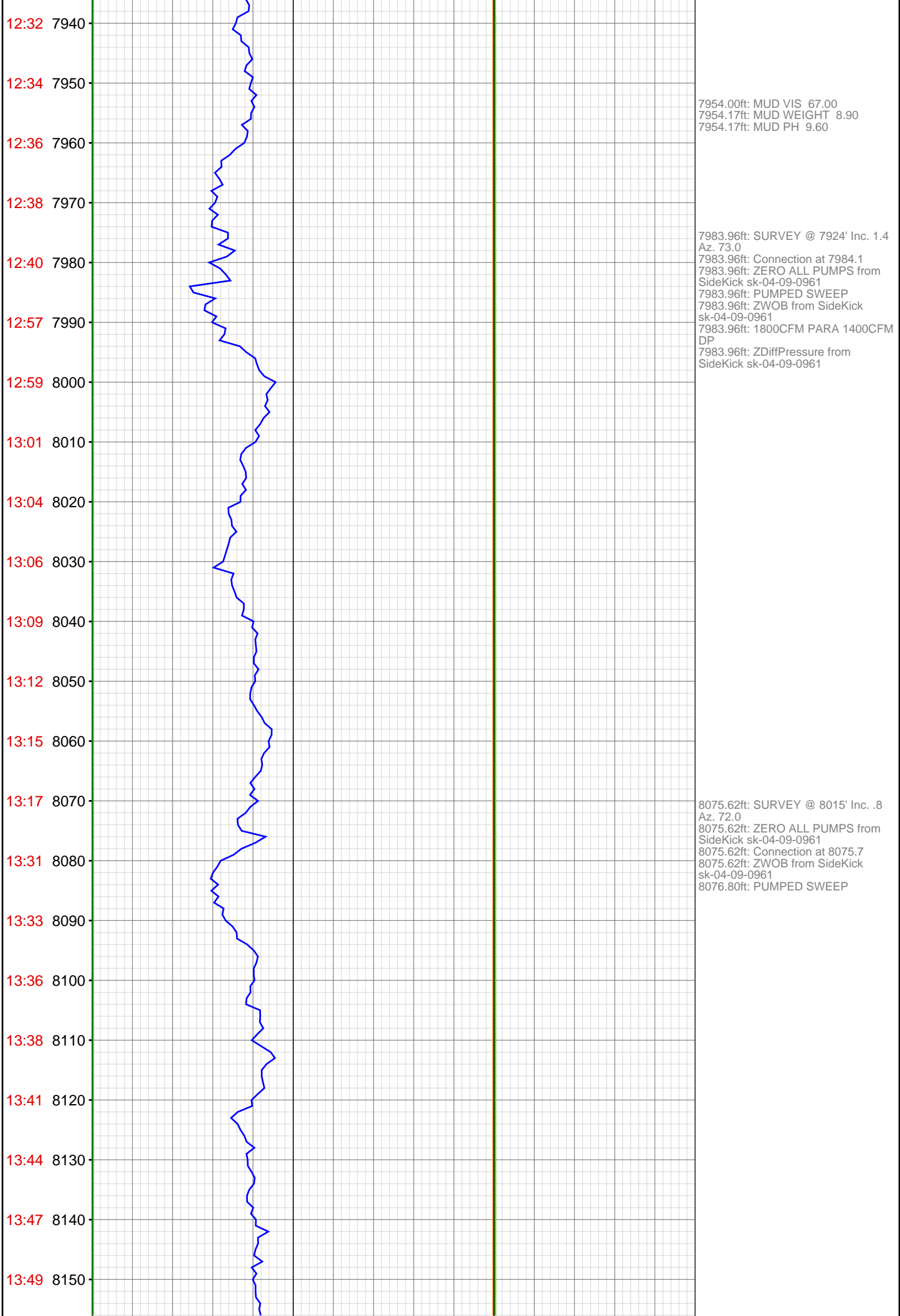




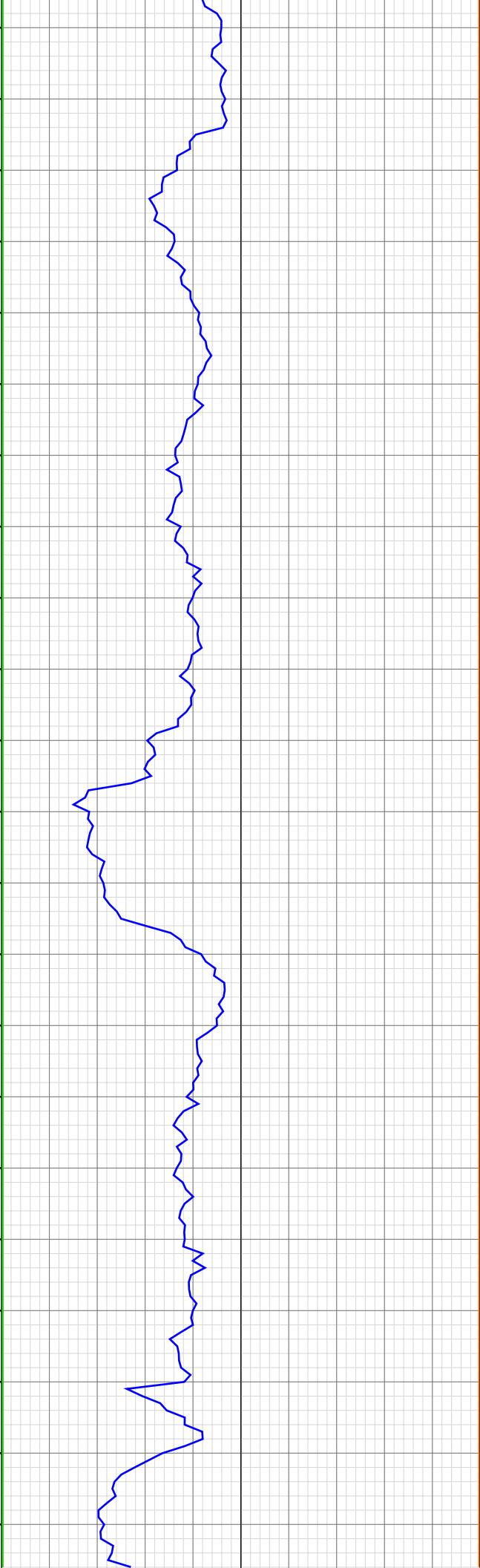








13:51 8160
14:05 8170
14:08 8180
14:10 8190
14:13 8200
14:15 8210
14:17 8220
14:20 8230
14:22 8240
14:24 8250
14:38 8260
14:40 8270
14:42 8280
14:45 8290
14:47 8300
14:49 8310
14:52 8320
14:56 8330
14:59 8340
15:01 8350
15:15 8360
15:17 8370



8167.16ft: SURVEY @ 8106' Inc. .4
Az. 85.3
8167.16ft: ZERO ALL PUMPS from
SideKick sk-04-09-0961
8167.16ft: MUD VIS 68.00
8167.16ft: MUD WEIGHT 9.10
8167.16ft: MUD PH 9.50
8167.16ft: Connection at 8166.9
PUMPED SWEEP
8167.16ft: 1800CFM PARA 1400CFM
DP

8250.92ft: WELL YES
8255.38ft: 1800CFM PARA 1300CFM
DP
8258.73ft: SURVEY @ 8198' Inc. .6
Az. 189.8
8258.73ft: ZERO ALL PUMPS from
SideKick sk-04-09-0961
8258.73ft: Connection at 8258.5
PUMPED SWEEP
8258.73ft: ZWOB from SideKick
sk-04-09-0961

8306.07ft: 1800CFM PARA 1200CFM
DP

8350.20ft: SURVEY @ 8290' Inc. .6
Az. 162.6
8350.20ft: ZERO ALL PUMPS from
SideKick sk-04-09-0961
8350.20ft: MUD VIS 64.00
8350.20ft: MUD WEIGHT 9.15
8350.20ft: MUD PH 9.30
8350.20ft: Connection at 8350.3
8350.20ft: 1800CFM PARA 1100CFM
DP PUMPED SWEEP

15:21 8380
15:24 8390
15:26 8400
15:29 8410
15:33 8420
15:37 8430
15:40 8440
15:53 8450
15:56 8460
16:00 8470
16:04 8480
16:07 8490
16:10 8500
16:13 8510
16:17 8520
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16:41 8550
16:45 8560
16:49 8570
16:54 8580
16:59 8590



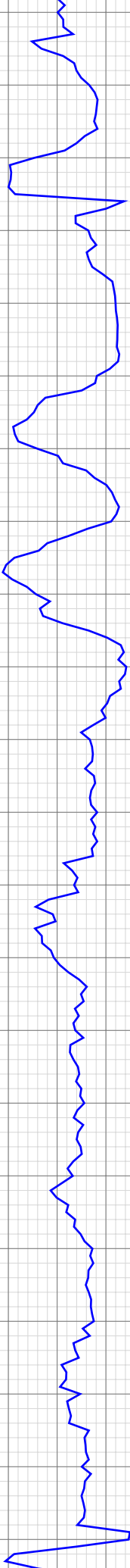
8396.00ft: 1800CFM PARA 1000CFM DP

8442.03ft: SURVEY @ 8381' Inc. .5
Az. 176.8
8442.03ft: ZERO ALL PUMPS from
SideKick sk-04-09-0961
8442.03ft: 1800CFM PARA 900CFM DP
8442.03ft: Connection at 8441.8
8442.03ft: PUMPED SWEEP

8483.30ft: 1800CFM PARA 800CFM DP

8534.12ft: SURVEY @ 8473' Inc. .5
Az. 195.8
8534.12ft: ZERO ALL PUMPS from
SideKick sk-04-09-0961
8534.12ft: 1800CFM PARA 600CFM DP
8534.12ft: Connection at 8533.6
8534.12ft: ZDiffPressure from
SideKick sk-04-09-0961
8534.12ft: ZWOB from SideKick
sk-04-09-0961
8534.12ft: PUMPED SWEEP

17:03 8600
17:08 8610
17:11 8620
17:48 8630
18:00 8640
18:03 8650
18:07 8660
18:11 8670
18:15 8680
18:19 8690
18:22 8700
18:25 8710
18:41 8720
18:44 8730
18:48 8740
18:52 8750
18:54 8760
18:58 8770
19:01 8780
19:04 8790
19:07 8800
19:23 8810



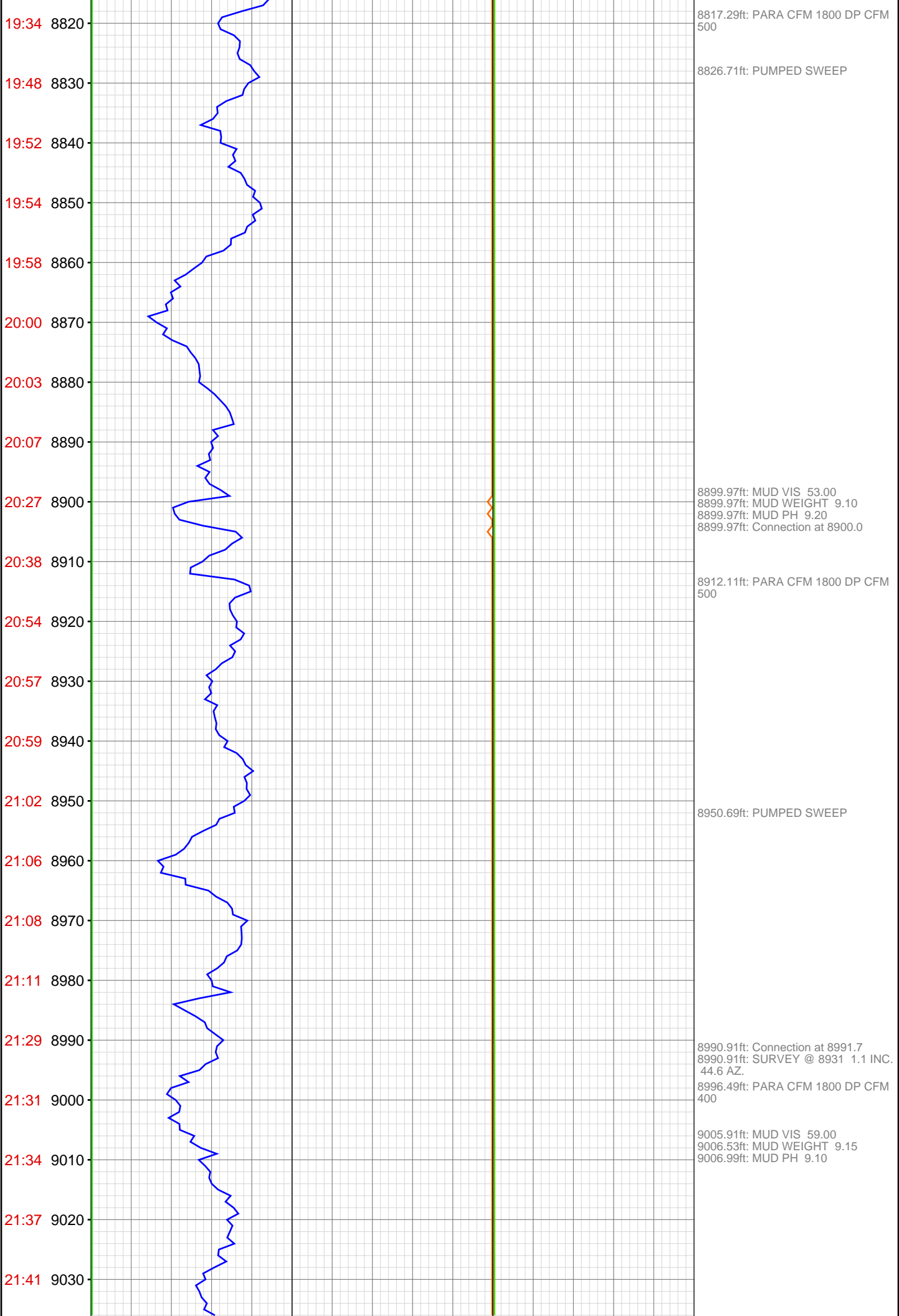
8620.47ft: MUD VIS 66.00
8621.00ft: MUD WEIGHT 9.20
8621.98ft: MUD PH 9.20
8624.93ft: RIG SERVICE
8625.46ft: SURVEY @ 8565' Inc. .8
Az. 158.8
8625.46ft: ZERO ALL PUMPS from
SideKick sk-04-09-0961
8625.46ft: Connection at 8625.4
8625.46ft: 1800CFM PARA 600CFM
DP

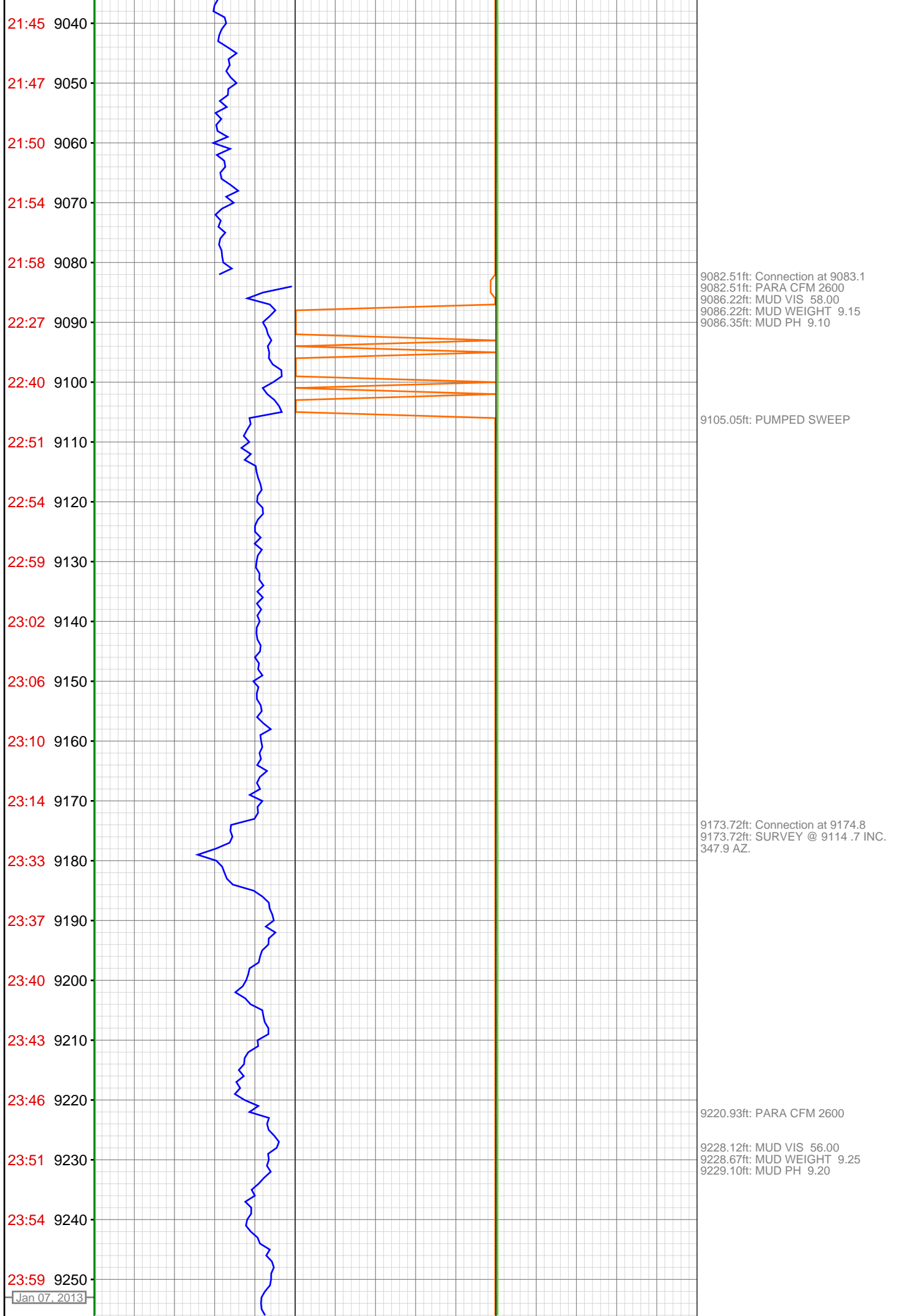
8663.62ft: PUMPED SWEEP
8668.70ft: TRANSFERRED 300.00

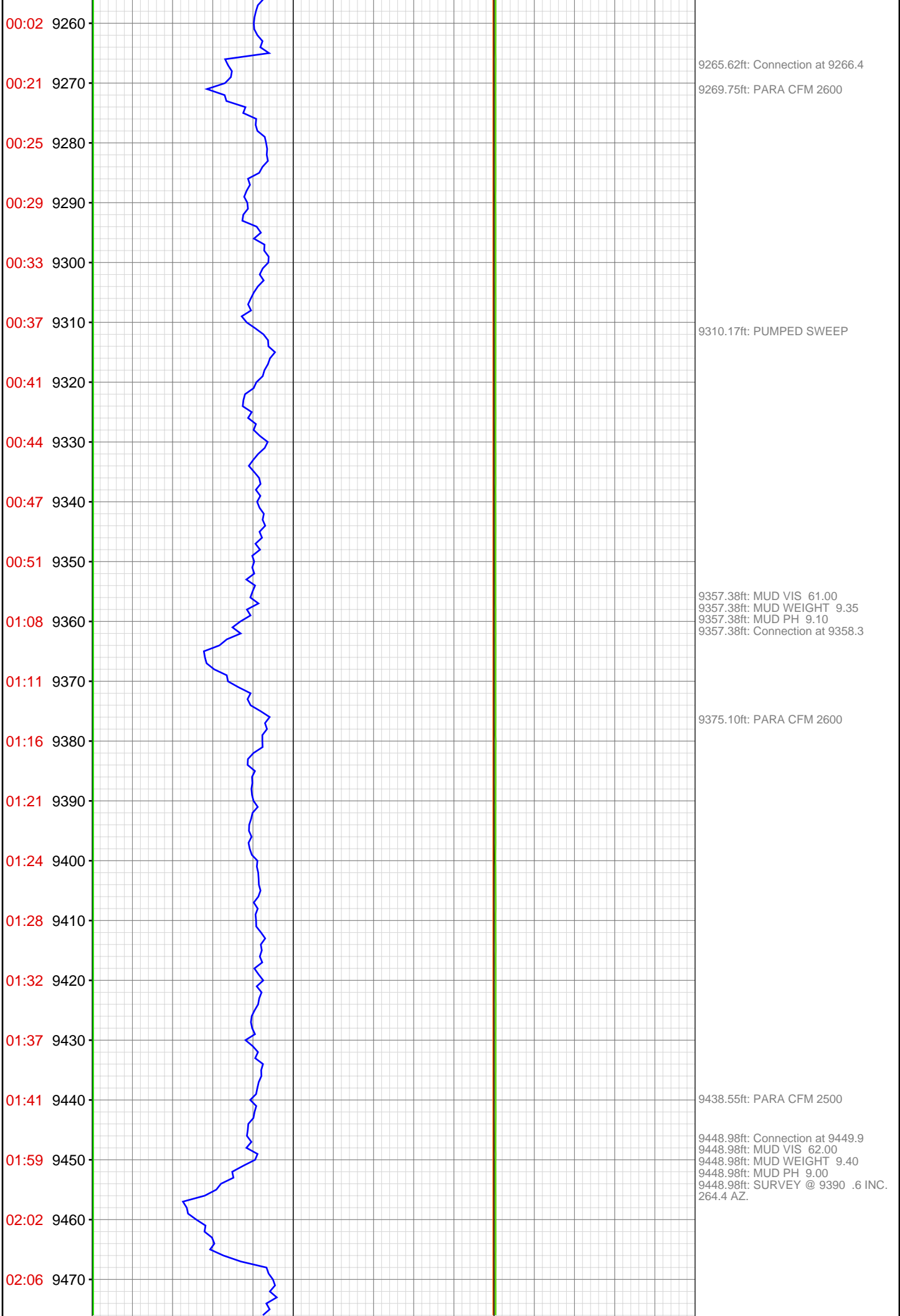
8716.90ft: Connection at 8717.1
8724.08ft: PARA CFM 1800 DP CFM
600
8731.79ft: SURVEY @ 8657 .6 INC.
193.4 AZ.

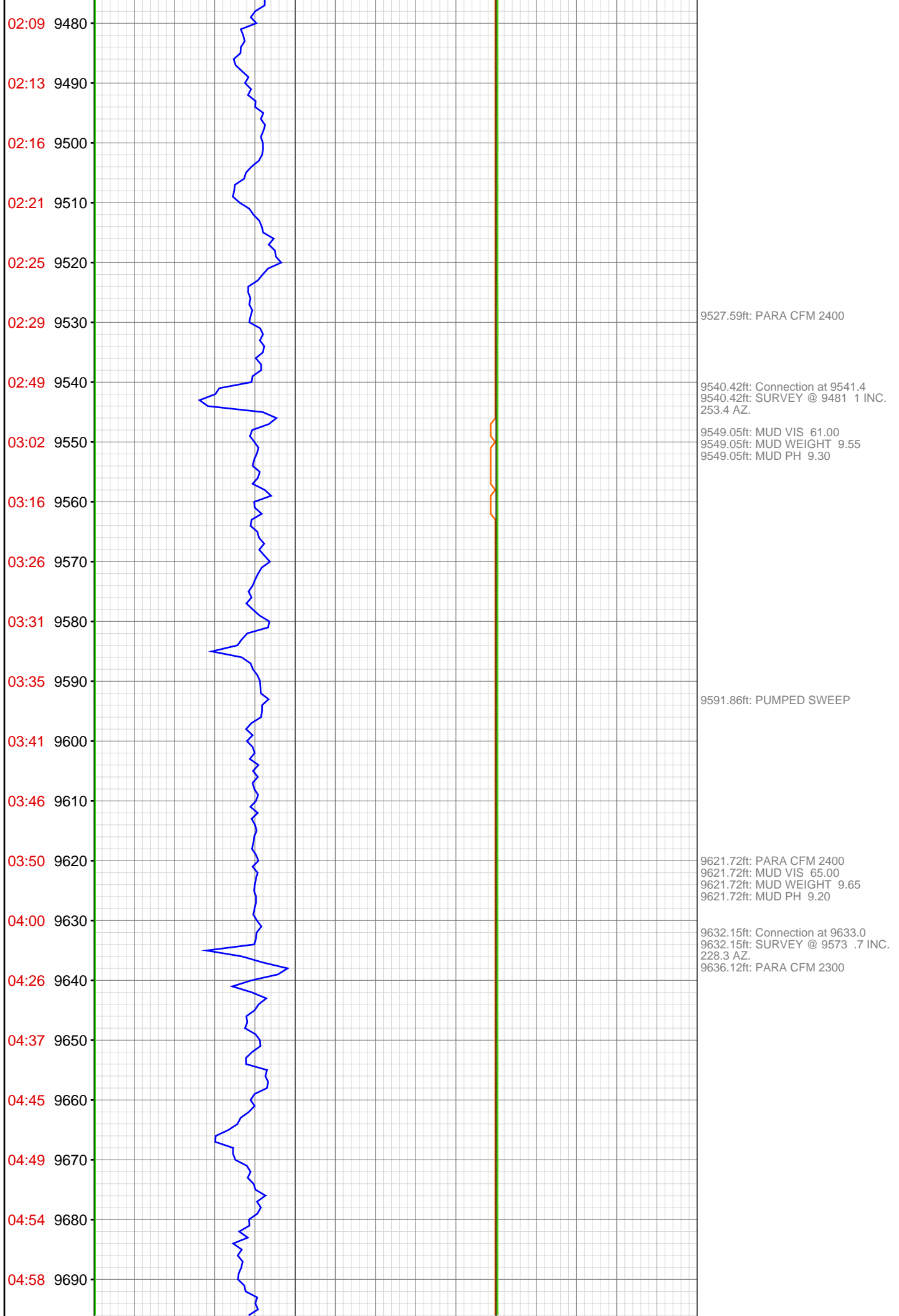
8779.13ft: PUMPED SWEEP
8779.13ft: MUD WEIGHT 9.50
8781.00ft: MUD VIS 50.00
8781.37ft: MUD PH 9.20

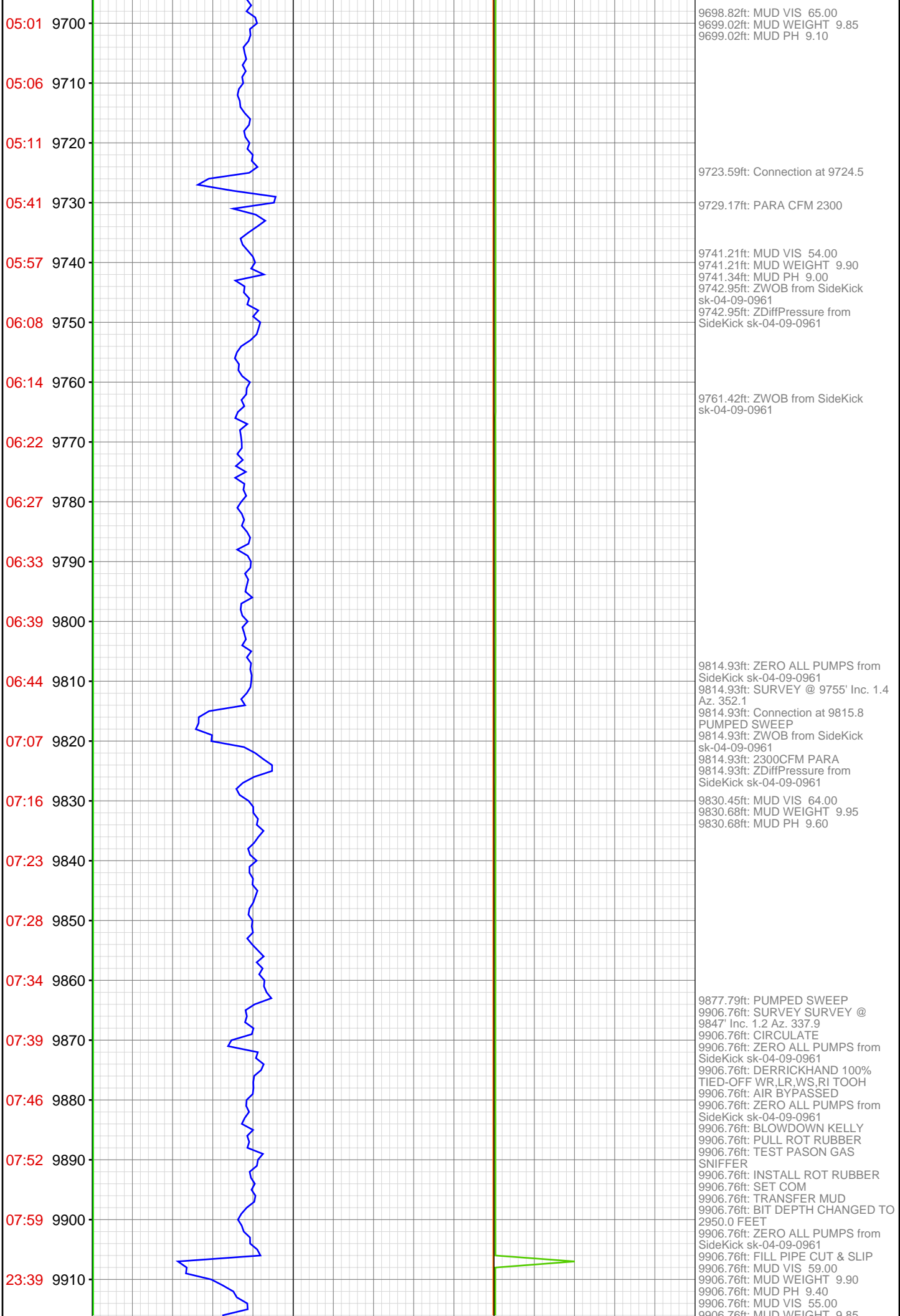
8808.37ft: Connection at 8808.8











23:46 9920

23:52 9930

23:57 9940

Jan 08, 2013

00:02 9950

00:07 9960

00:13 9970

00:19 9980

00:25 9990

00:46 10000

00:52 10010

00:57 10020

01:04 10030

01:12 10040

01:18 10050

01:24 10060

01:30 10070

01:36 10080

01:59 10090

02:04 10100

02:08 10110

02:14 10120

02:19 10130



9906.76ft: MUD PH 9.30
9906.76ft: CHECK C.O.M
DERRICKMAN 100% TIED OFF
9906.76ft: MUD VIS 61.00
9906.76ft: MUD WEIGHT 9.80
9906.76ft: MUD PH 9.00
9906.76ft: START AIR PILLS
9906.76ft: TRANSFERRED 300.00
9906.76ft: PARA CFM 1800
9906.76ft: MUD VIS 57.00
9906.76ft: MUD WEIGHT 9.95
9906.76ft: MUD PH 9.30
9906.76ft: Connection at 9907.6
9926.21ft: PARA CFM 2300

9950.00ft: MUD VIS 57.00
9950.00ft: MUD WEIGHT 10.00
9950.26ft: MUD PH 9.10

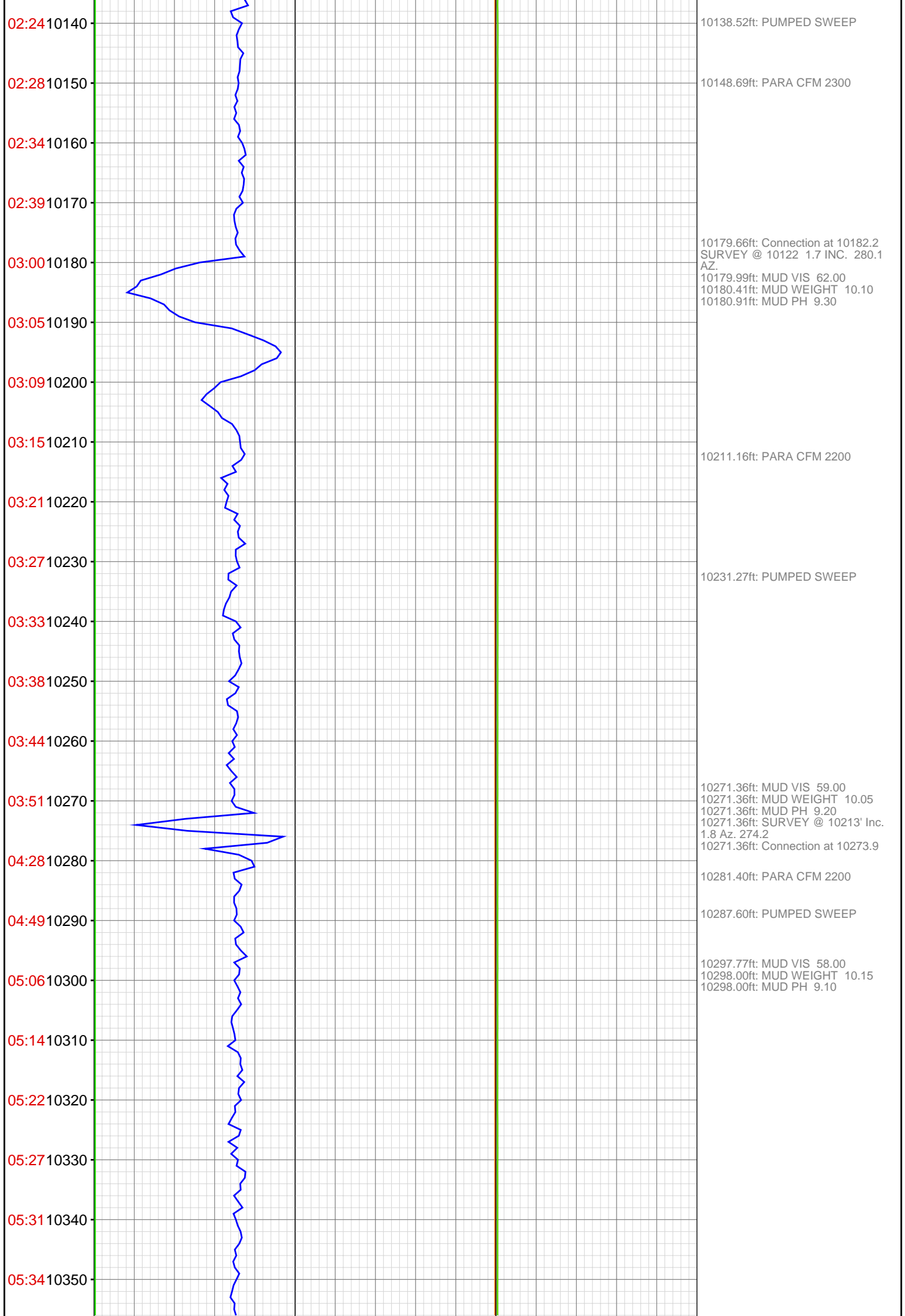
9996.49ft: Connection at 9998.9
9996.49ft: SURVEY @ 9938 1.2 INC.
315.2 AZ.

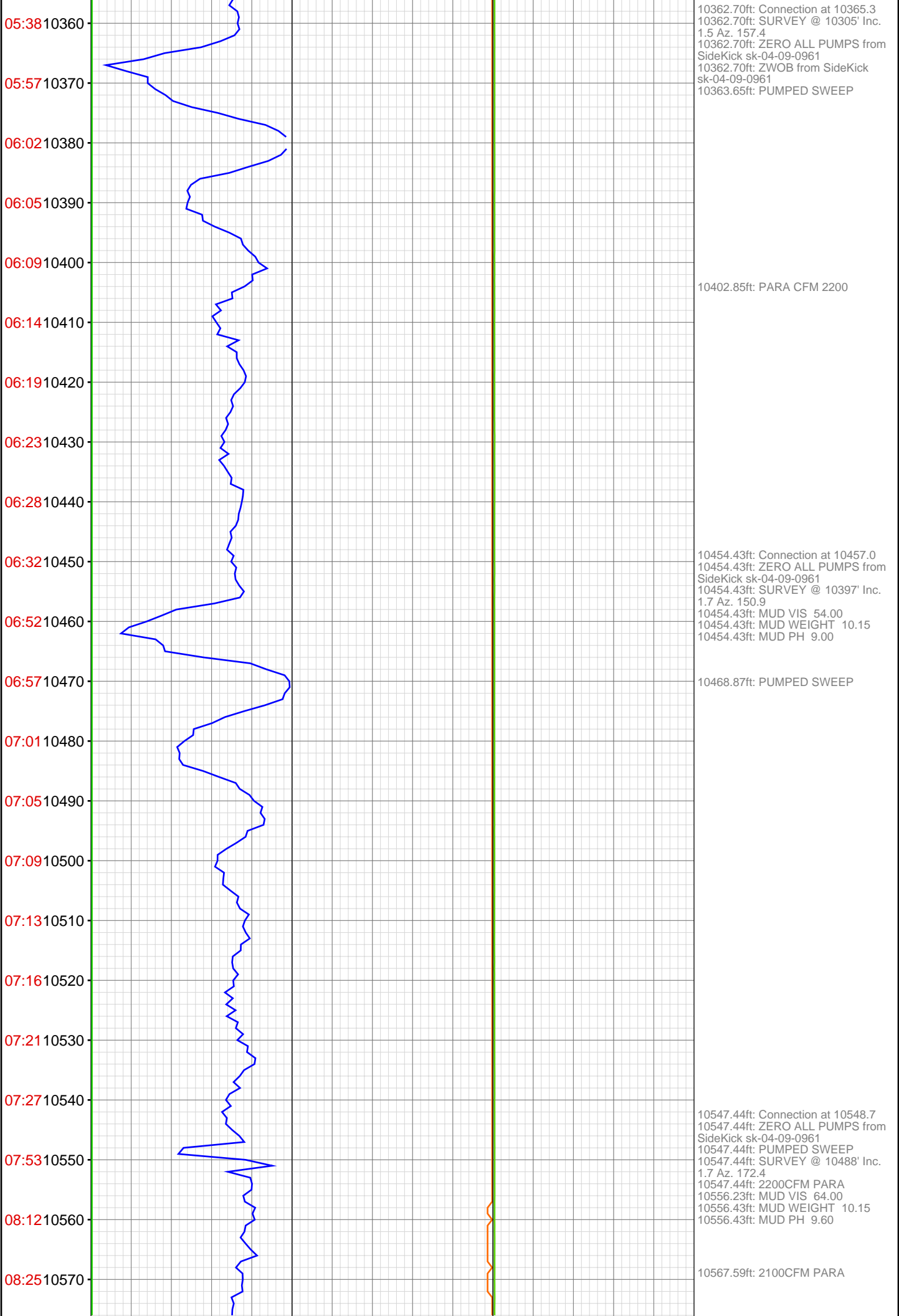
10017.32ft: PARA CFM 2300

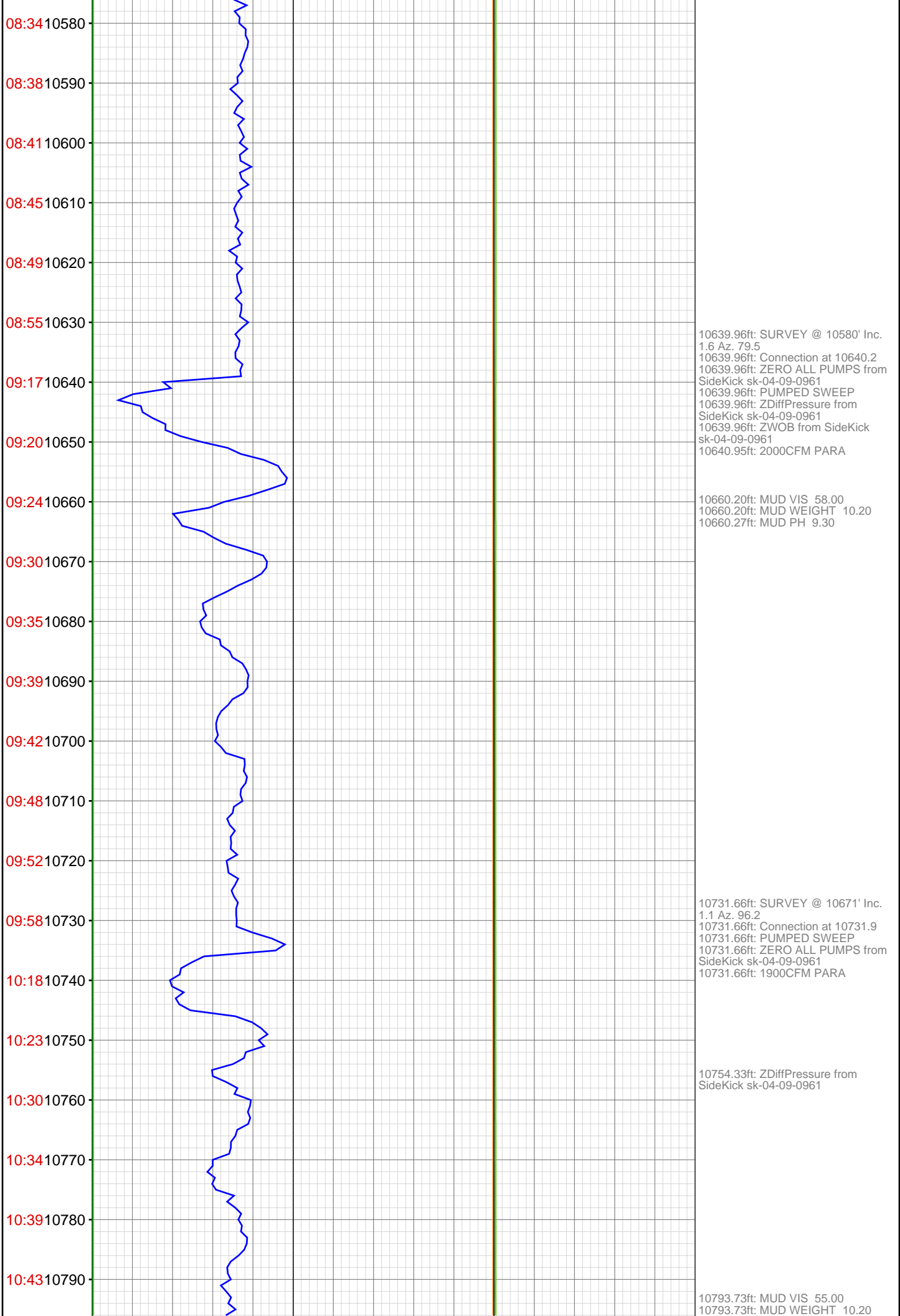
10034.91ft: MUD VIS 63.00
10034.91ft: MUD WEIGHT 10.10
10034.91ft: MUD PH 9.10

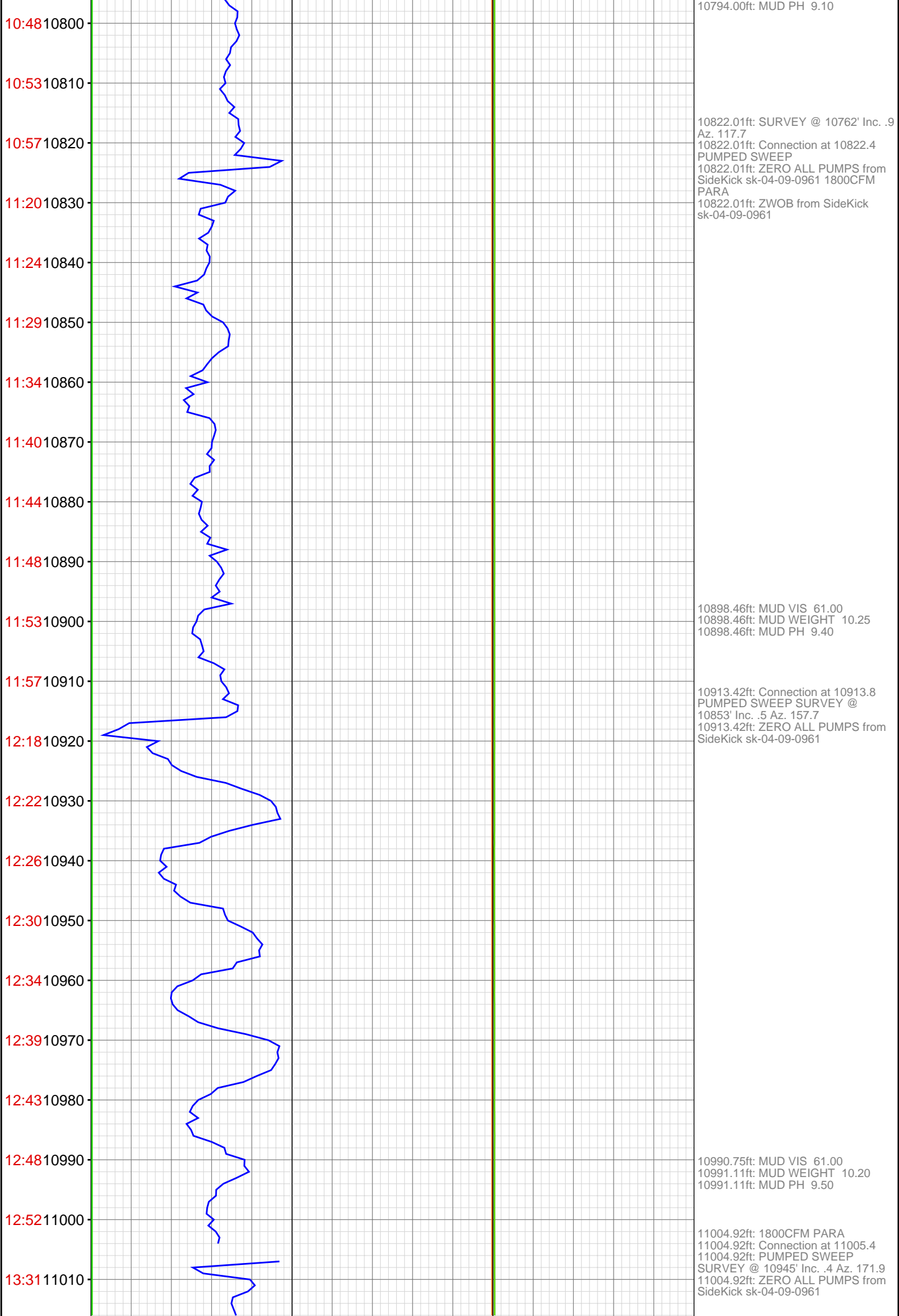
10058.46ft: PUMPED SWEEP

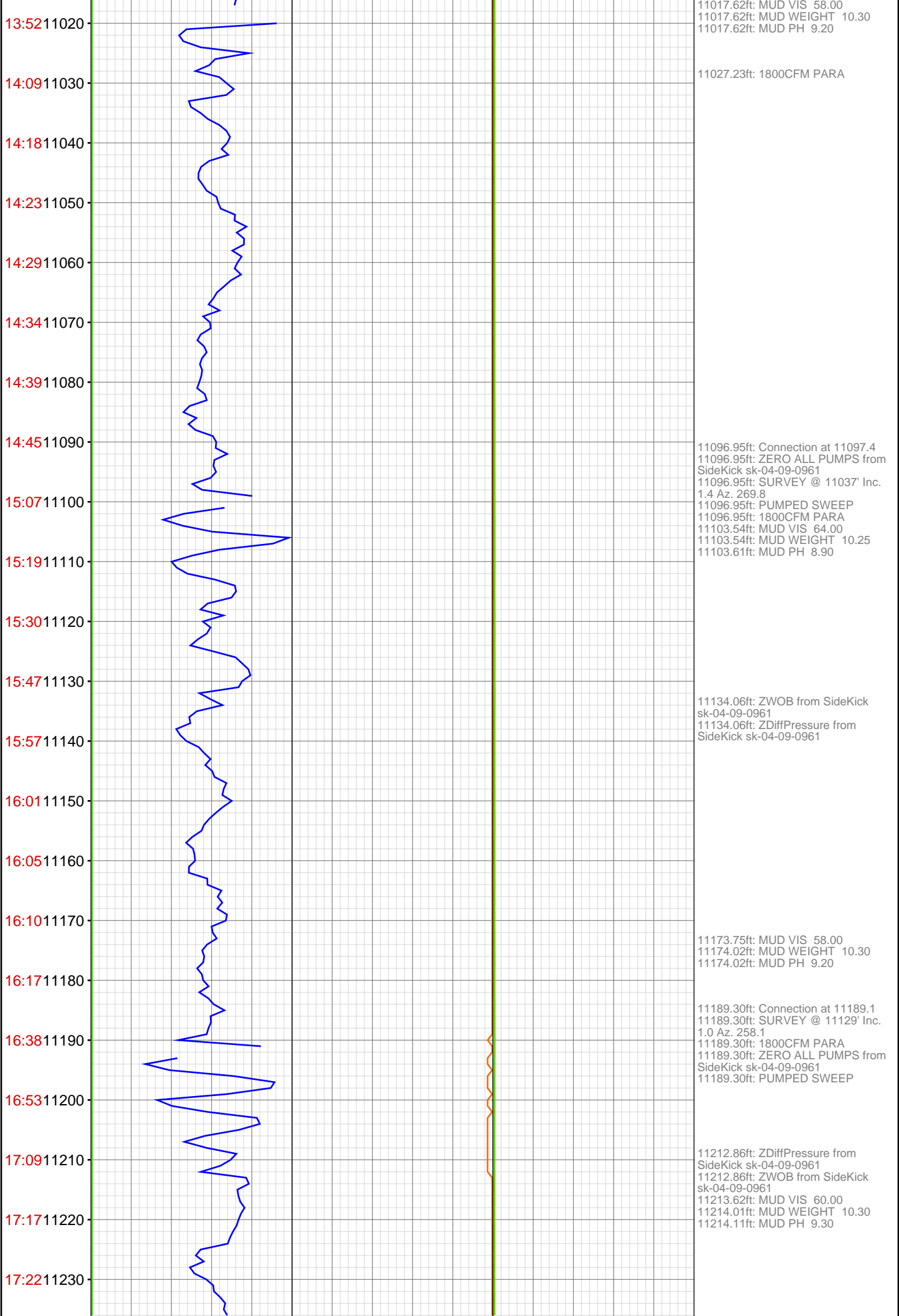
10088.19ft: Connection at 10090.6
10088.19ft: SURVEY @ 10030 1.5
INC. 294.6 AZ.
10088.19ft: MUD VIS 56.00
10088.19ft: MUD WEIGHT 10.05
10088.19ft: MUD PH 9.10



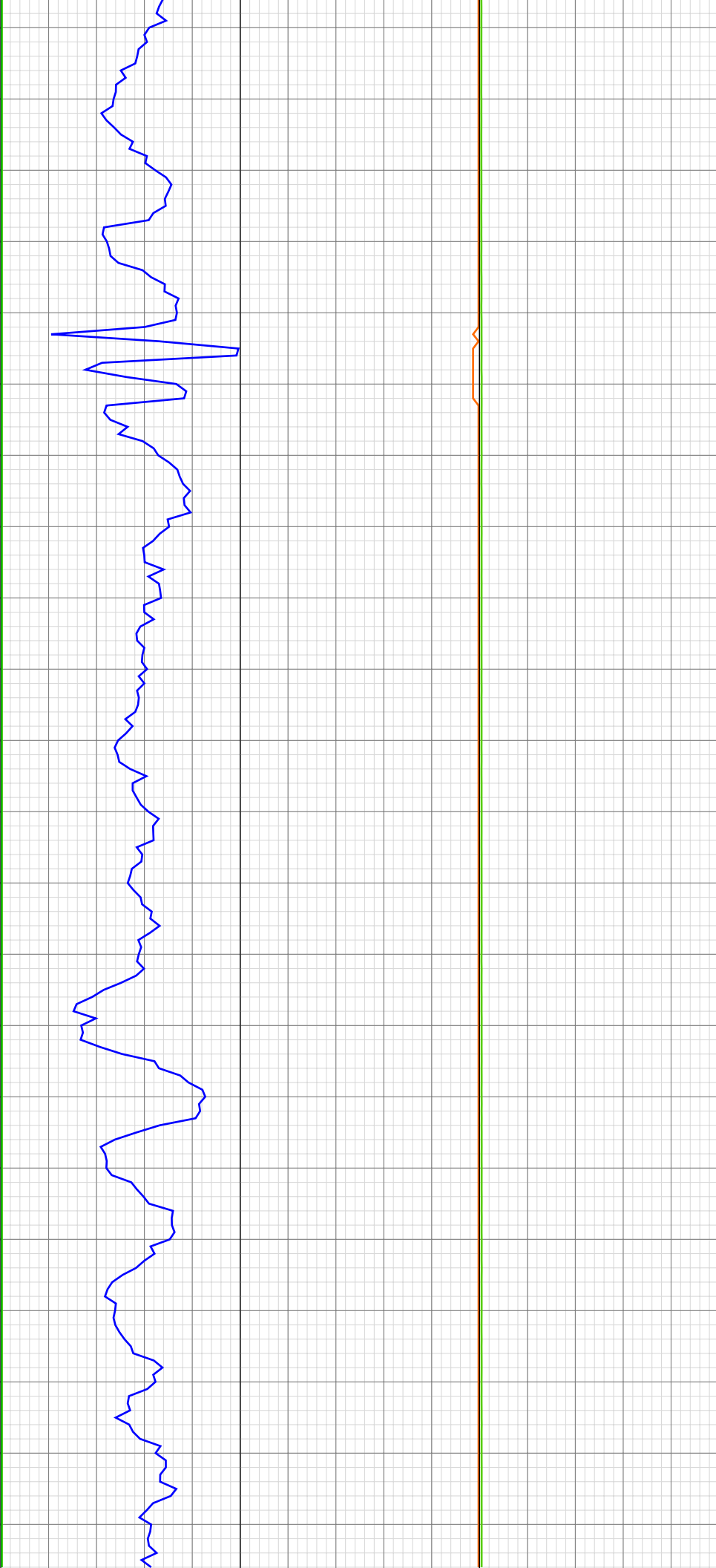








17:27 11240
17:30 11250
17:34 11260
17:40 11270
18:13 11280
18:31 11290
18:38 11300
18:42 11310
18:50 11320
18:55 11330
18:58 11340
19:01 11350
19:08 11360
19:15 11370
19:36 11380
19:40 11390
19:45 11400
19:50 11410
19:55 11420
20:01 11430
20:08 11440
20:13 11450



11242.36ft: 1800CFM PARA

11280.54ft: 1800CFM PARA
11280.54ft: Connection at 11280.3
11280.54ft: MUD VIS 55.00
11280.54ft: MUD WEIGHT 10.30
11280.54ft: MUD PH 9.40
11280.54ft: RESHOOT SURVEY
11280.54ft: SURVEY @ 11220 .8
INC. 345.4 AZ.

11292.55ft: PUMPED SWEEP
11294.85ft: PARA CFM 1800

11365.91ft: MUD VIS 62.00
11366.01ft: MUD WEIGHT 10.30
11366.17ft: MUD PH 9.50

11371.49ft: Connection at 11371.2

11423.29ft: PARA CFM 1800

