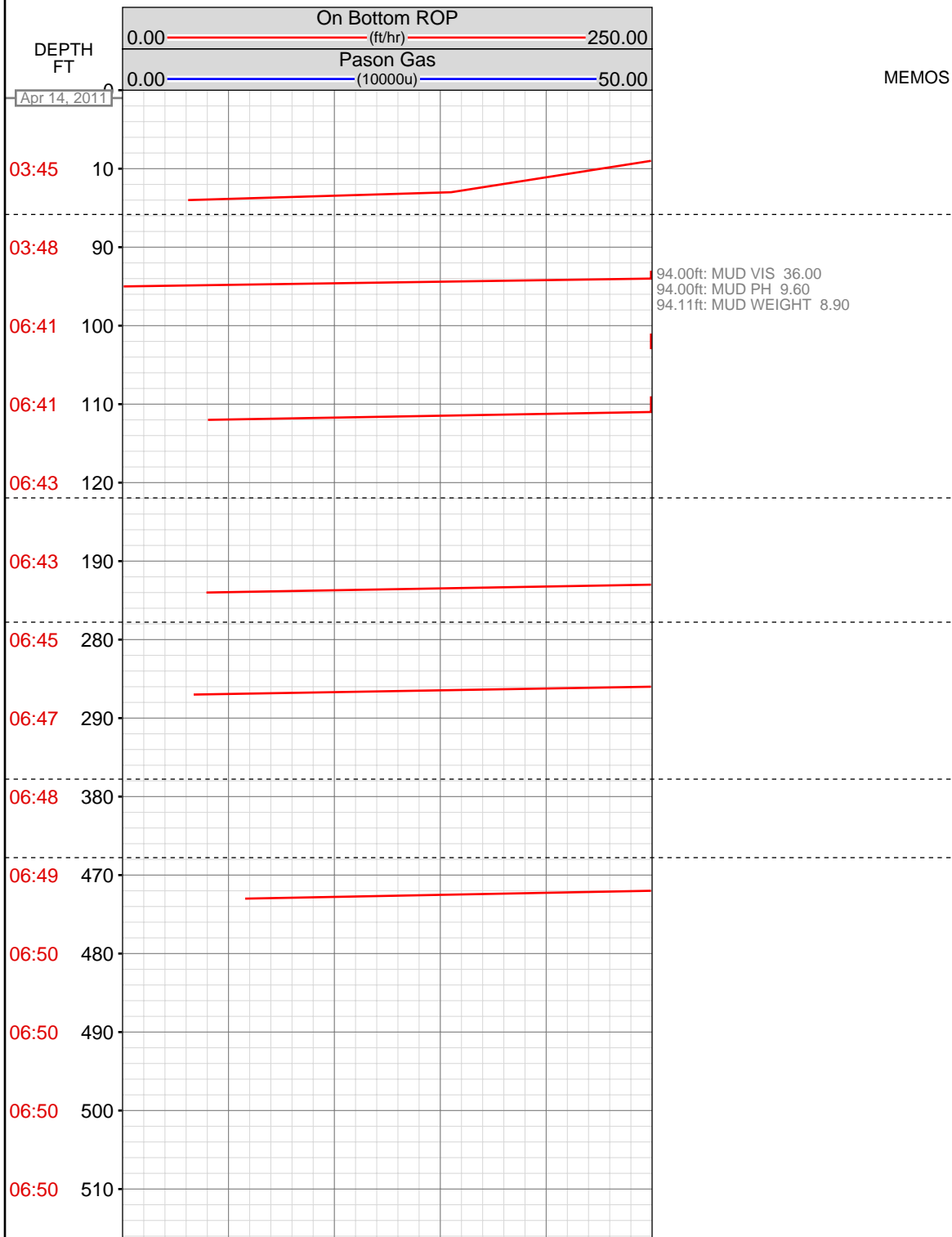


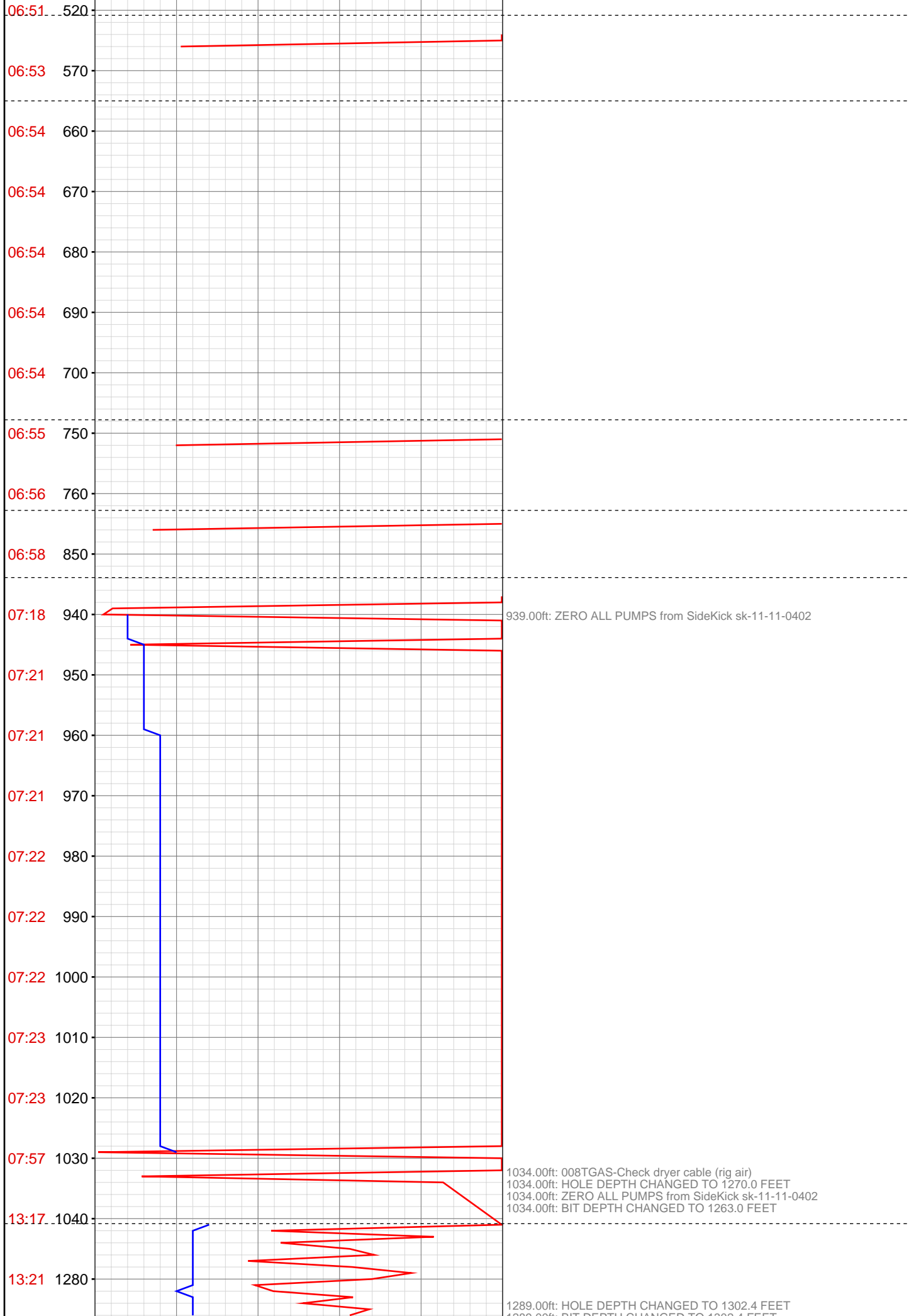
DataHub EDR Log

Tue Apr 26, 2011 13:27:52
Well Dossier 1302693833
Greg Veregin

OPERATOR: EnCana Oil & Gas (USA), Inc.
WELL: GMR 8 12C1 (K8W) LONG STRING
FIELD:
LOCATION:
COUNTRY: USA
RIG: Pat-UTI 330

CONTRACTOR: Patterson-UTI Drilling Company
UNIQUE WELL ID: 05-045-19144-00
SPUD DATE: Apr 14, 2011 12:00
RELEASE DATE:





06:51 520

06:53 570

06:54 660

06:54 670

06:54 680

06:54 690

06:54 700

06:55 750

06:56 760

06:58 850

07:18 940

07:21 950

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07:21 970

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07:22 990

07:22 1000

07:23 1010

07:23 1020

07:57 1030

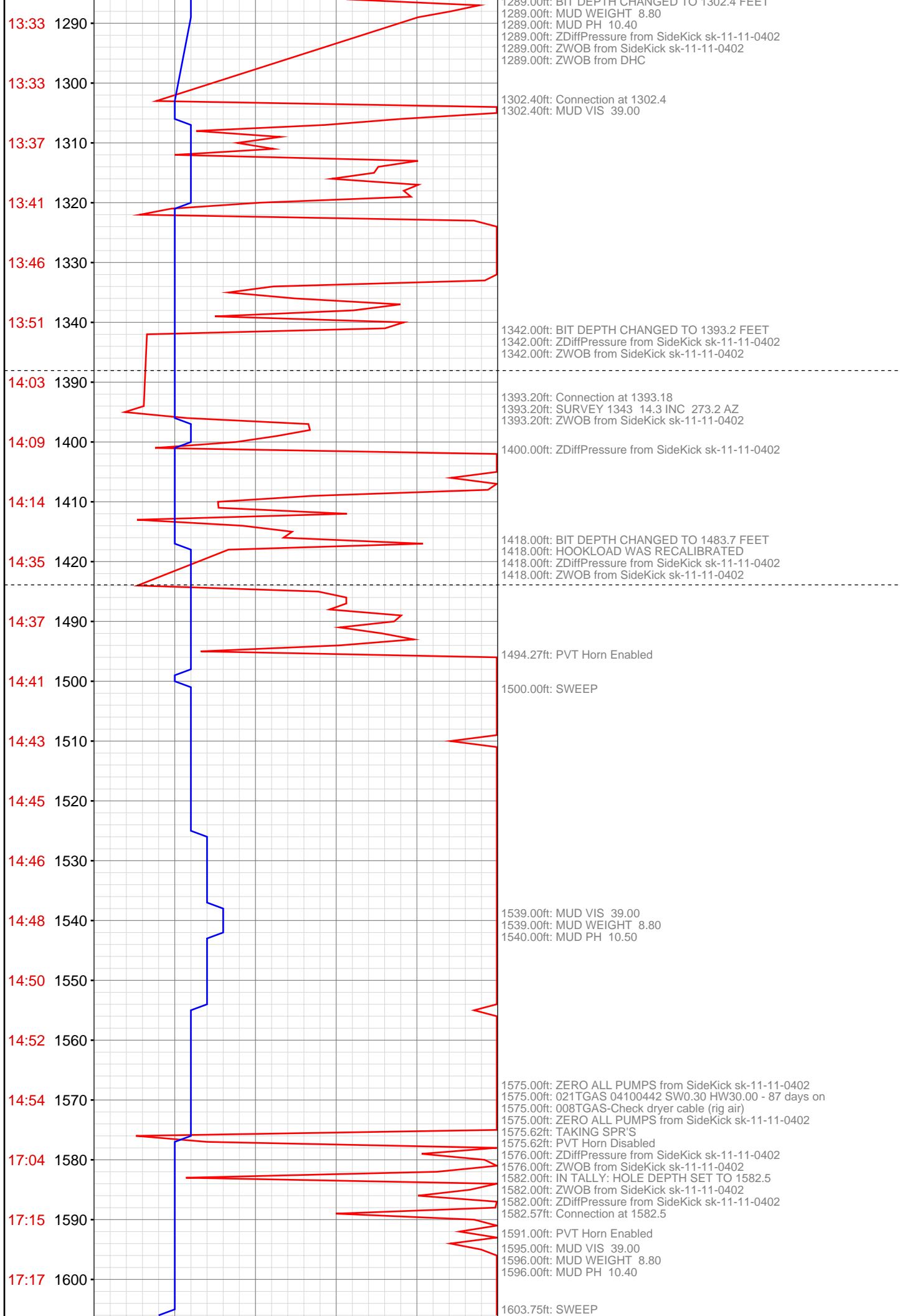
13:17 1040

13:21 1280

939.00ft: ZERO ALL PUMPS from SideKick sk-11-11-0402

1034.00ft: 008TGAS-Check dryer cable (rig air)
1034.00ft: HOLE DEPTH CHANGED TO 1270.0 FEET
1034.00ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
1034.00ft: BIT DEPTH CHANGED TO 1263.0 FEET

1289.00ft: HOLE DEPTH CHANGED TO 1302.4 FEET



17:18 1610
17:20 1620
17:22 1630
17:24 1640
17:26 1650
17:27 1660
17:29 1670
18:36 1680
18:41 1690
18:43 1700
18:45 1710
18:47 1720
18:50 1730
18:52 1740
18:54 1750
18:56 1760
19:18 1770
19:24 1780
19:26 1790
19:28 1800
19:30 1810
19:32 1820

1671.37ft: SET ROT HEAD
1673.29ft: Connection at 1673.3
1673.29ft: PVT Horn Disabled
1673.29ft: INSTALL ROTATING HEAD/TEST C.O.M.
1674.00ft: IN TALLY: HOLE DEPTH SET TO 1673.3
1674.00ft: ZDiffPressure from SideKick sk-11-11-0402
1674.00ft: ZWOB from SideKick sk-11-11-0402

1699.00ft: PVT Horn Enabled

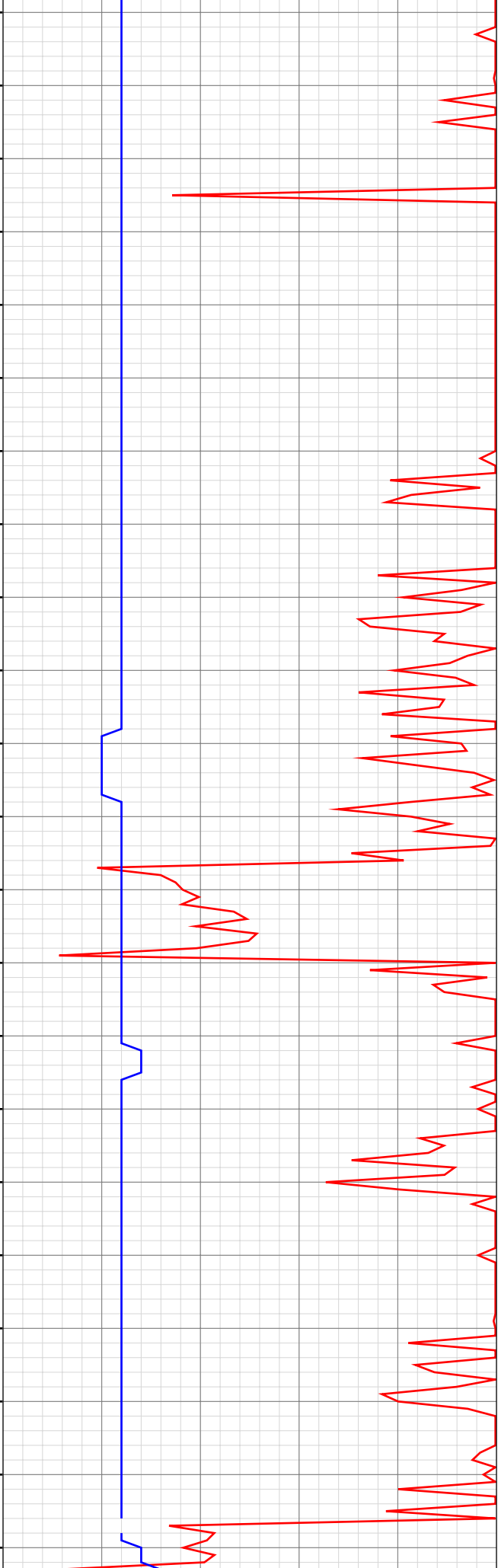
1725.00ft: MUD VIS 45.00
1725.00ft: MUD WEIGHT 8.80
1725.00ft: MUD PH 10.50

1764.00ft: IN TALLY: HOLE DEPTH SET TO 1764.1
1765.00ft: PVT Horn Disabled
1765.00ft: HOOK LOAD HIGH RECALIBRATED
1765.00ft: ZDiffPressure from SideKick sk-11-11-0402
1765.00ft: PVT Horn Enabled
1765.14ft: SURVEY AT 1714 INC 15.5 AZI 276.1
1765.14ft: Connection at 1764.1

1774.00ft: ZWOB from SideKick sk-11-11-0402

1795.15ft: SWEEP

19:35 1830
19:37 1840
19:39 1850
19:54 1860
19:55 1870
19:57 1880
19:59 1890
20:02 1900
20:04 1910
20:07 1920
20:09 1930
20:12 1940
21:04 1950
21:11 1960
21:13 1970
21:16 1980
21:18 1990
21:21 2000
21:23 2010
21:25 2020
21:28 2030
21:48 2040



1854.00ft: PVT Horn Disabled
1854.00ft: ZWOB from SideKick sk-11-11-0402
1854.00ft: ZDiffPressure from SideKick sk-11-11-0402
1854.63ft: SURVEY AT 1804 INC 16.2 AZI 277.7
1854.63ft: Connection at 1854.8
1857.00ft: PVT Horn Enabled

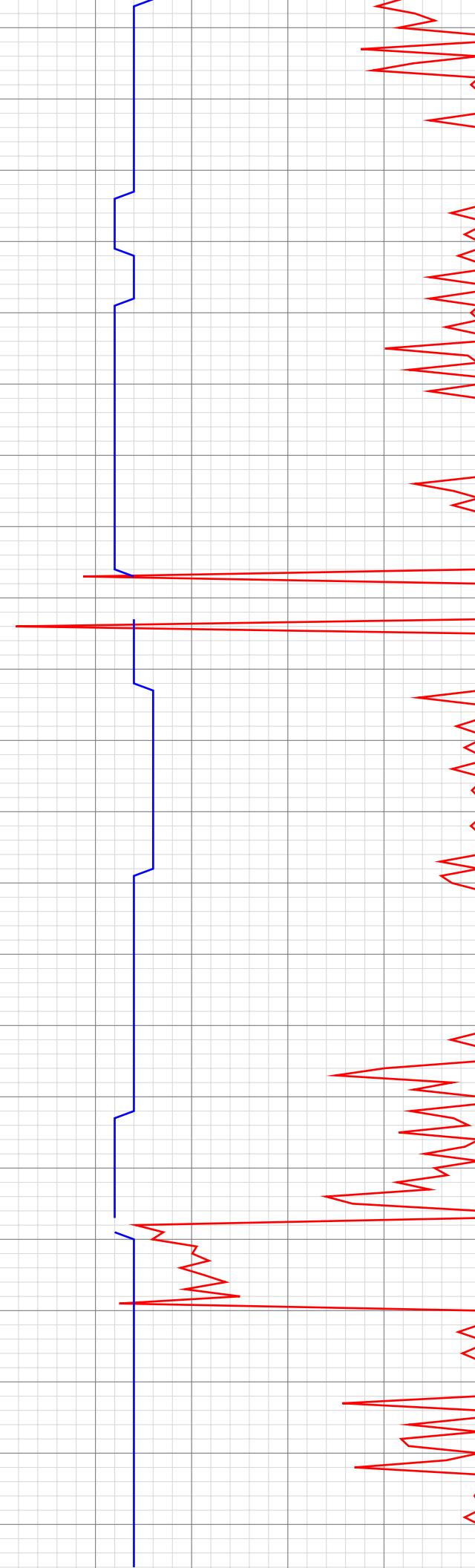
1946.00ft: ZDiffPressure from SideKick sk-11-11-0402
1946.48ft: PVT Horn Disabled B.O.P.DRILL
1946.48ft: SAFETY STANDDOWN(WELL CONTROL)
1946.48ft: Connection at 1945.4

1957.00ft: MUD VIS 41.00
1957.00ft: MUD WEIGHT 8.80
1958.00ft: ZWOB from SideKick sk-11-11-0402
1958.25ft: ZWOB from SideKick sk-11-11-0402

2002.93ft: PVT Horn Enabled

2037.00ft: PVT Horn Enabled
2038.00ft: PVT Horn Disabled
2038.00ft: 008TGAS-Check dryer cable (rig air)
2038.00ft: ZDiffPressure from SideKick sk-11-11-0402
2038.55ft: SURVEY AT 1986 INC 16.2 AZI 277.8
2039.15ft: SLIDING Connection at 2036.1
2042.00ft: IN TALLY: HOLE DEPTH SET TO 2036.1

21:53 2050
21:55 2060
21:58 2070
22:00 2080
22:02 2090
22:04 2100
22:06 2110
22:09 2120
22:16 2130
22:27 2140
22:29 2150
22:31 2160
22:33 2170
22:35 2180
22:37 2190
22:40 2200
22:42 2210
23:05 2220
23:12 2230
23:14 2240
23:16 2250
23:19 2260



2133.00ft: ZWOB from SideKick sk-11-11-0402
2133.00ft: ZDiffPressure from SideKick sk-11-11-0402

2139.15ft: Connection at 2126.8

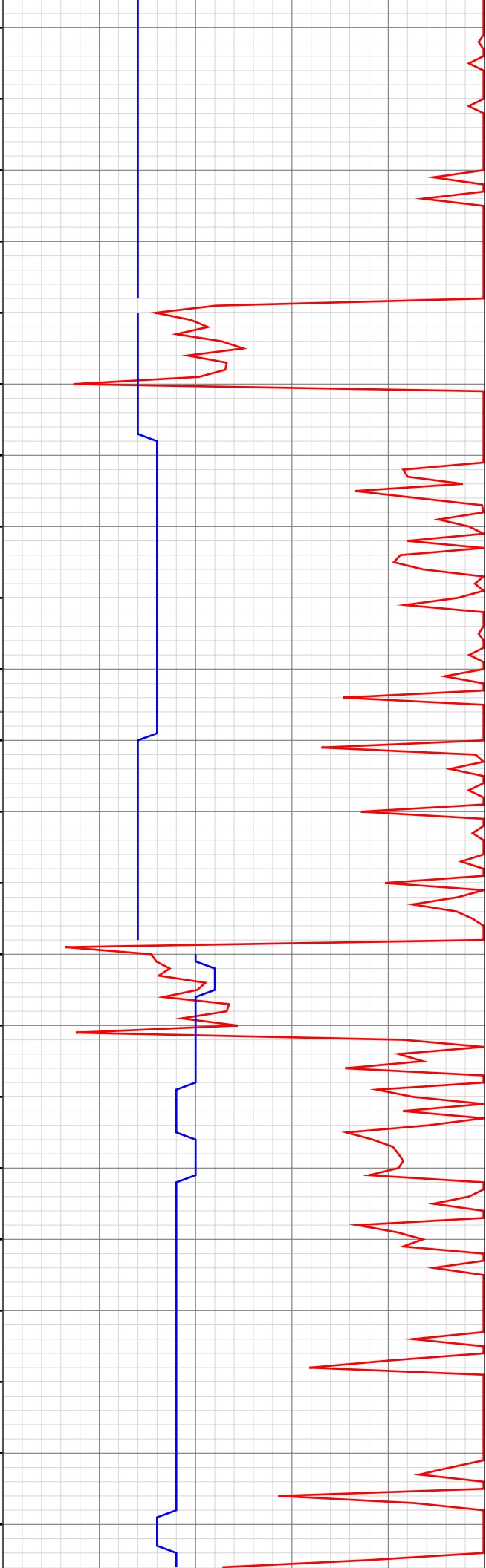
2152.14ft: ADDING DEFOAMER

2210.00ft: 003TGAS-Manual flush

2227.00ft: PVT Horn Disabled
2227.00ft: HOOK LOAD HIGH RECALIBRATED
2227.00ft: MUD VIS 43.00
2227.00ft: MUD PH 8.90
2228.00ft: ZWOB from SideKick sk-11-11-0402
2228.00ft: ZDiffPressure from SideKick sk-11-11-0402
2232.00ft: PVT Horn Enabled

2238.00ft: ZDiffPressure from SideKick sk-11-11-0402
2238.78ft: SURVEY AT 2167 INC 14.4 AZI 273.9
2239.38ft: Connection at 2217.6
2242.00ft: IN TALLY: HOLE DEPTH SET TO 2217.6

23:20 2270
23:23 2280
23:25 2290
23:27 2300
23:42 2310
23:49 2320
23:51 2330
23:54 2340
23:56 2350
23:58 2360
Apr 15, 2011
00:01 2370
00:03 2380
00:05 2390
00:22 2400
00:28 2410
00:32 2420
00:35 2430
00:37 2440
00:40 2450
00:42 2460
00:44 2470
00:46 2480



2275.08ft: SWEEP

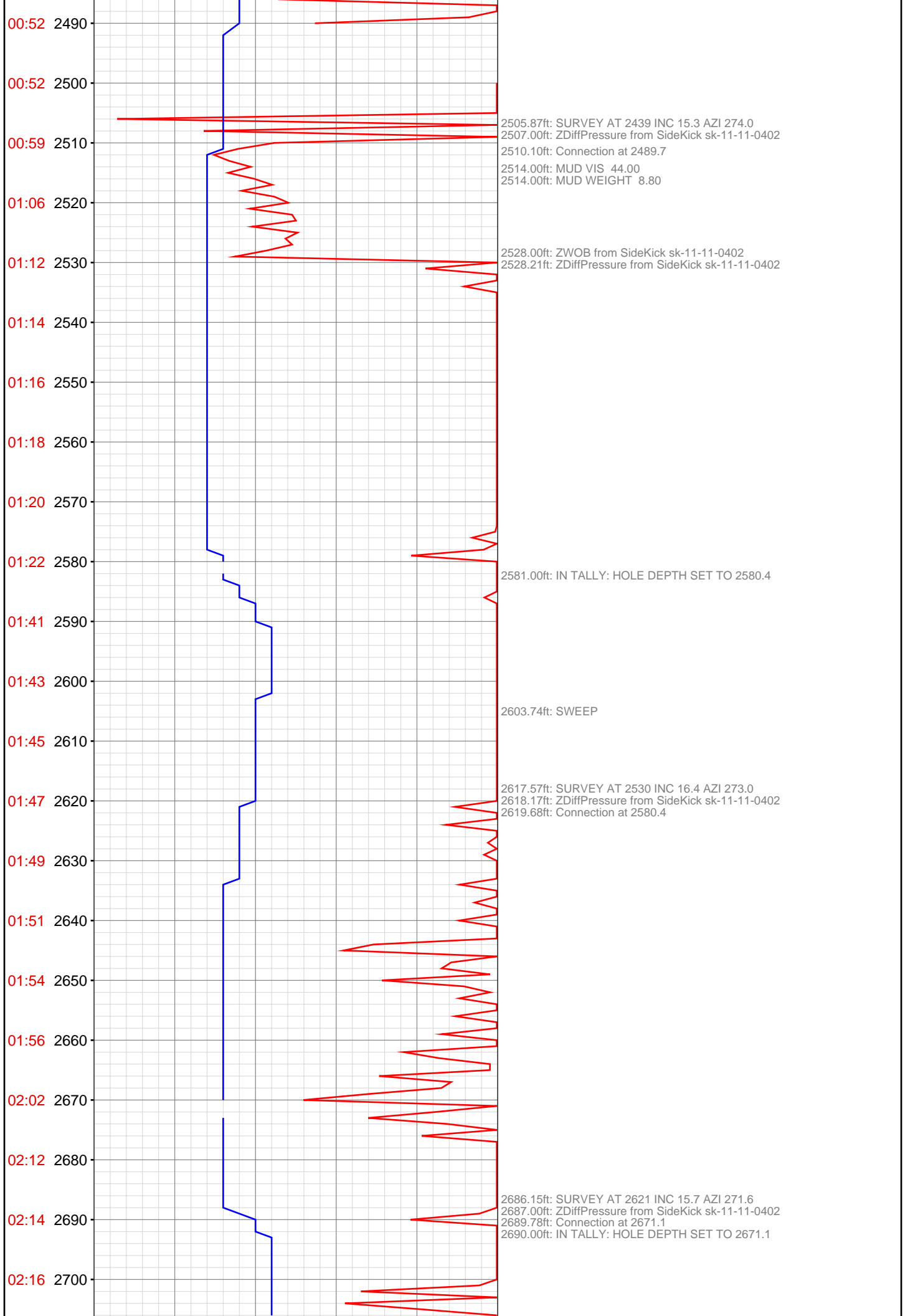
2308.87ft: Connection at 2308.3

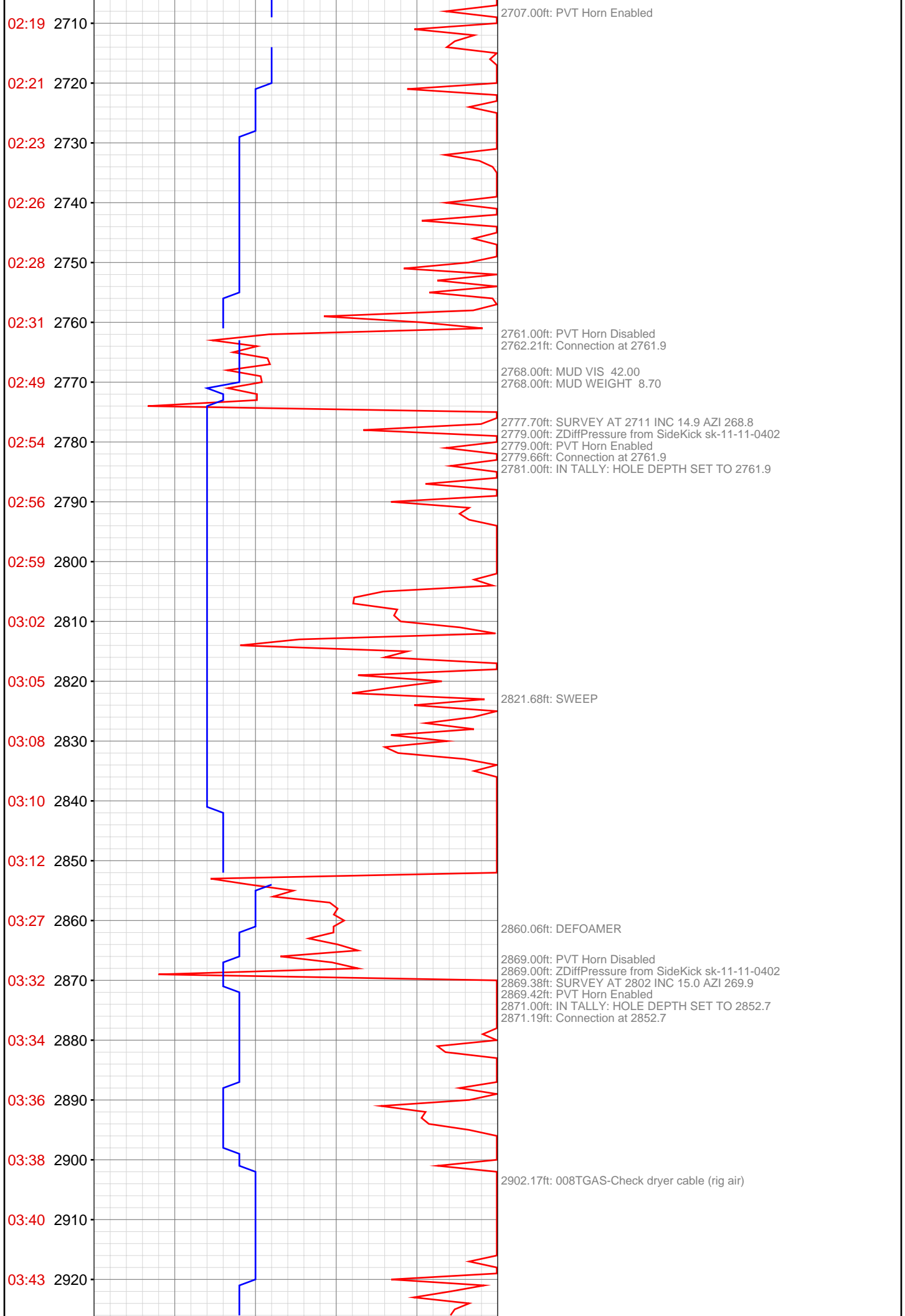
2319.00ft: ZWOB from SideKick sk-11-11-0402
2322.00ft: PVT Horn Disabled
2324.00ft: ZDiffPressure from SideKick sk-11-11-0402
2326.00ft: IN TALLY: HOLE DEPTH SET TO 2308.3

2392.00ft: MUD WEIGHT 8.90
2392.04ft: MUD VIS 42.00

2399.15ft: IN TALLY: HOLE DEPTH SET TO 2399.0

2410.00ft: ZDiffPressure from SideKick sk-11-11-0402
2415.00ft: ZDiffPressure from SideKick sk-11-11-0402
2415.82ft: SURVEY AT 2349 INC 15.3 AZI 273.8
2416.00ft: ZDiffPressure from SideKick sk-11-11-0402
2417.78ft: Connection at 2399.0





02:19 2710

02:21 2720

02:23 2730

02:26 2740

02:28 2750

02:31 2760

02:49 2770

02:54 2780

02:56 2790

02:59 2800

03:02 2810

03:05 2820

03:08 2830

03:10 2840

03:12 2850

03:27 2860

03:32 2870

03:34 2880

03:36 2890

03:38 2900

03:40 2910

03:43 2920

2707.00ft: PVT Horn Enabled

2761.00ft: PVT Horn Disabled
2762.21ft: Connection at 2761.9

2768.00ft: MUD VIS 42.00
2768.00ft: MUD WEIGHT 8.70

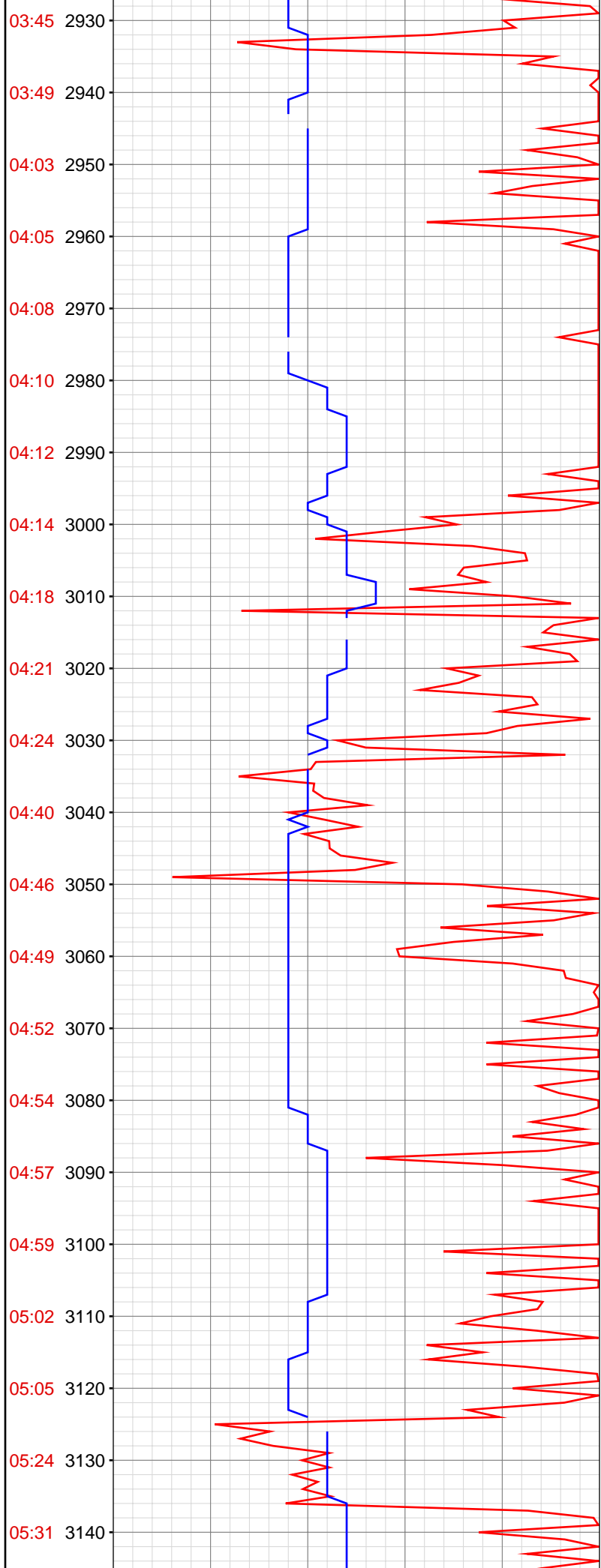
2777.70ft: SURVEY AT 2711 INC 14.9 AZI 268.8
2779.00ft: ZDiffPressure from SideKick sk-11-11-0402
2779.00ft: PVT Horn Enabled
2779.66ft: Connection at 2761.9
2781.00ft: IN TALLY: HOLE DEPTH SET TO 2761.9

2821.68ft: SWEEP

2860.06ft: DEFOAMER

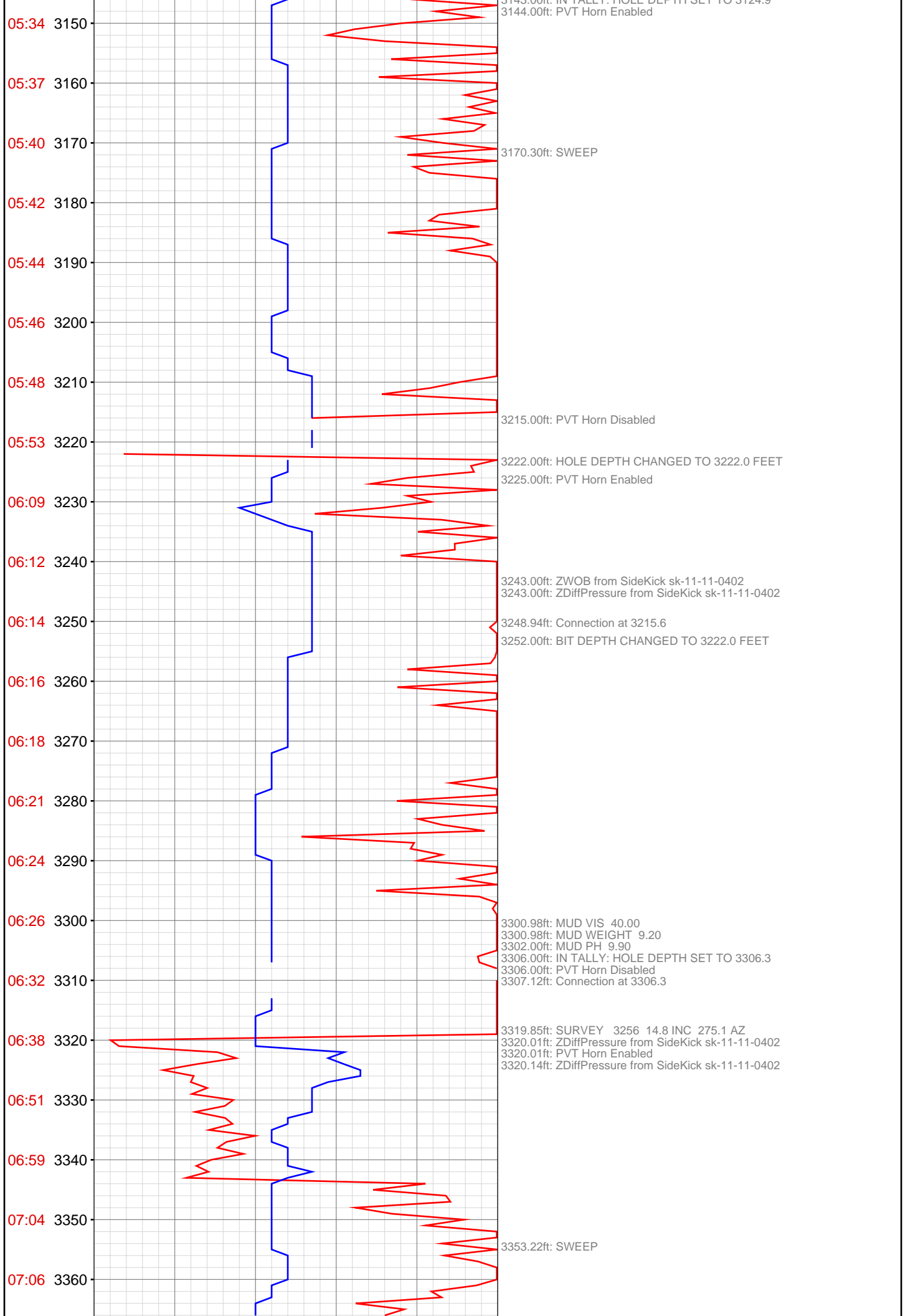
2869.00ft: PVT Horn Disabled
2869.00ft: ZDiffPressure from SideKick sk-11-11-0402
2869.38ft: SURVEY AT 2802 INC 15.0 AZI 269.9
2869.42ft: PVT Horn Enabled
2871.00ft: IN TALLY: HOLE DEPTH SET TO 2852.7
2871.19ft: Connection at 2852.7

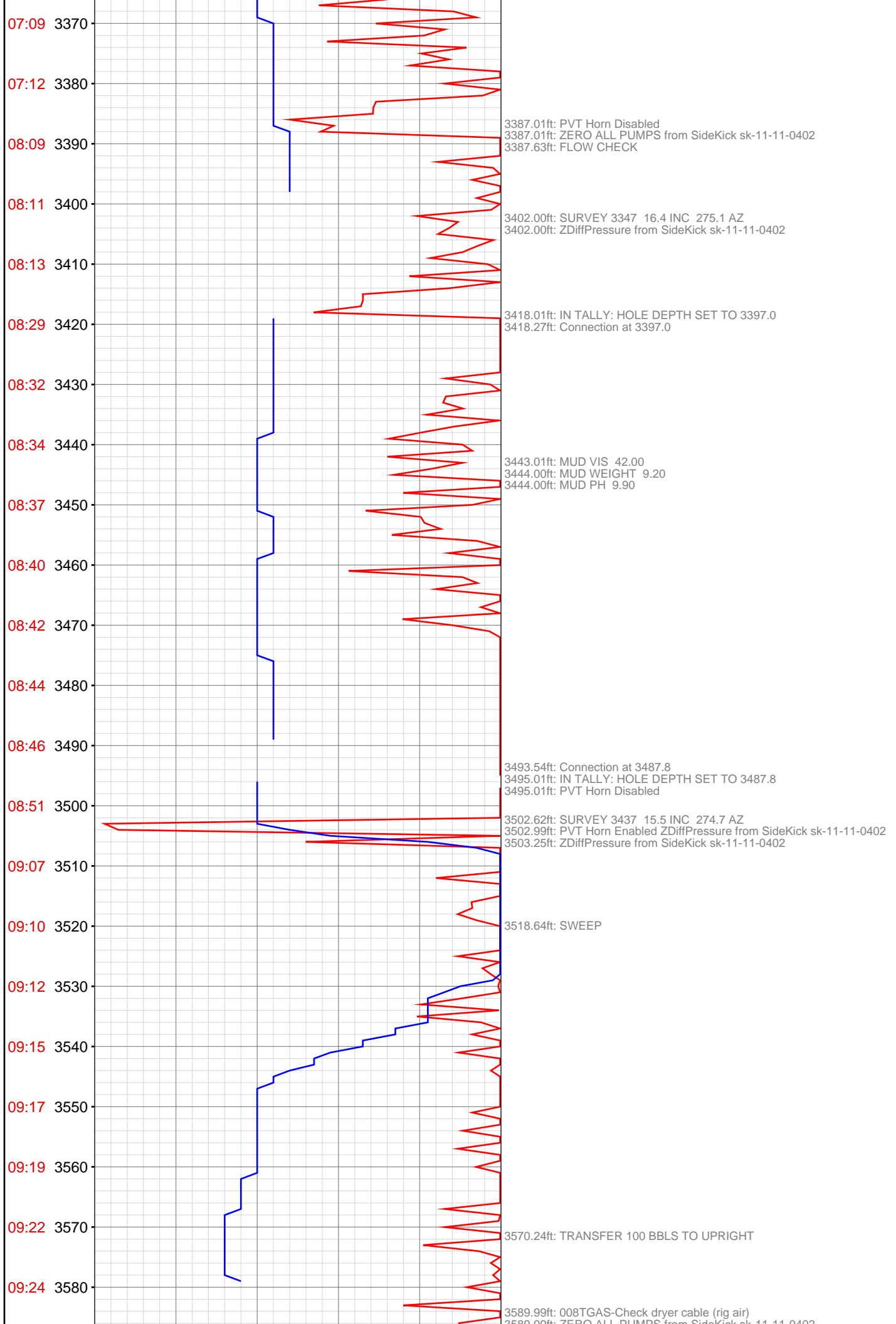
2902.17ft: 008TGAS-Check dryer cable (rig air)

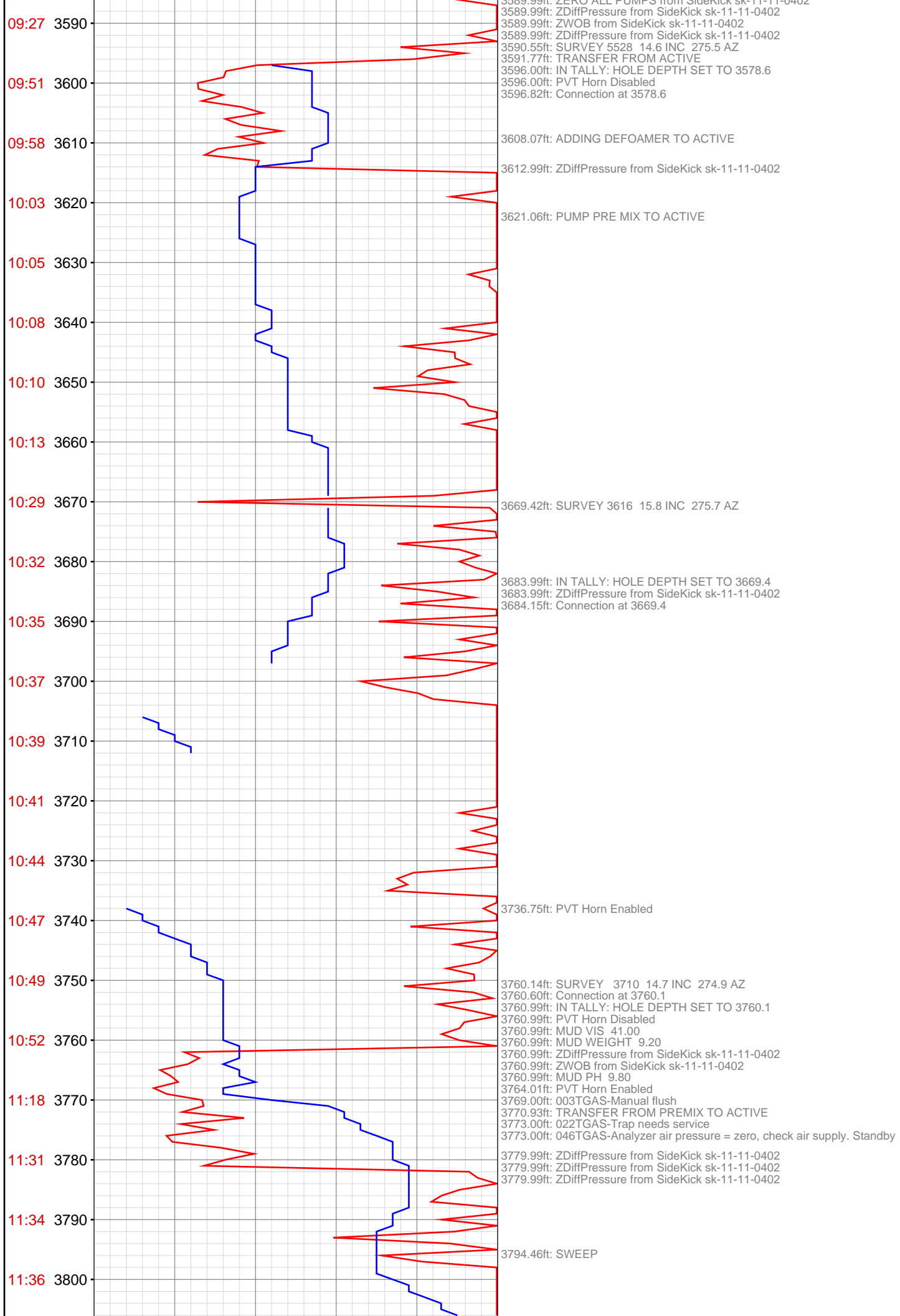


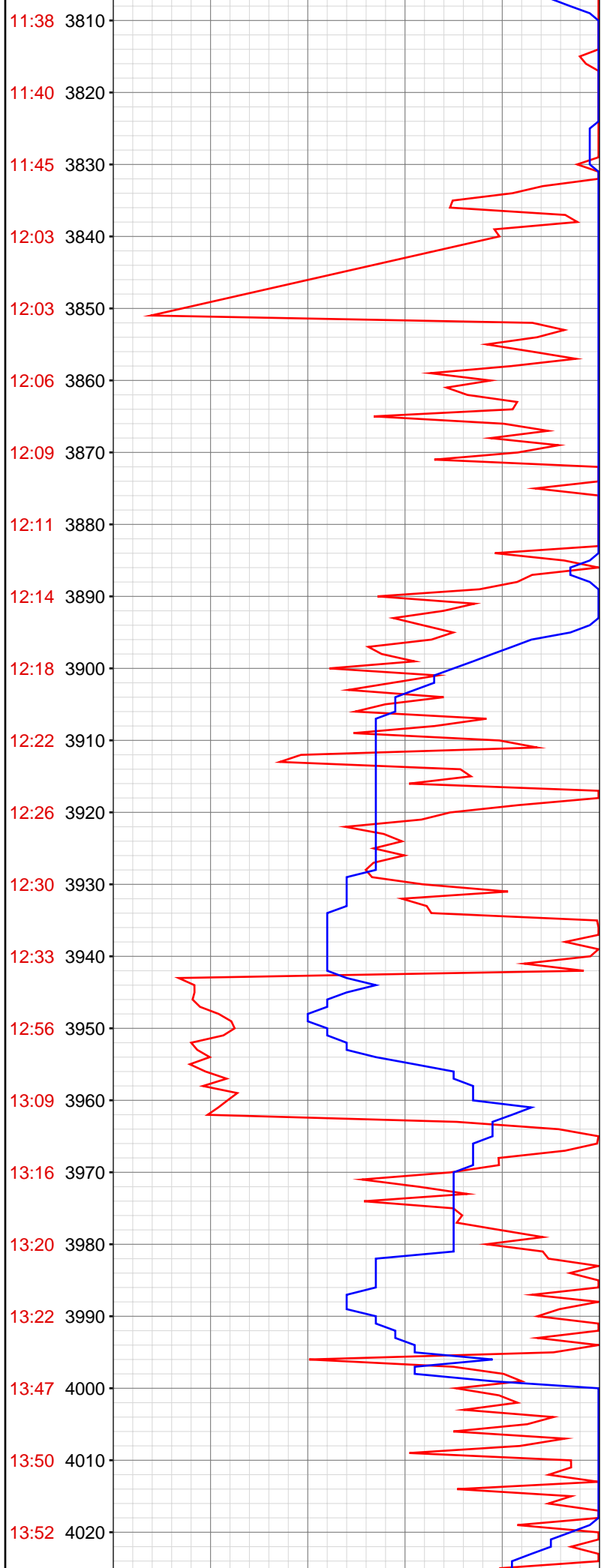
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04:05 2960
04:08 2970
04:10 2980
04:12 2990
04:14 3000
04:18 3010
04:21 3020
04:24 3030
04:40 3040
04:46 3050
04:49 3060
04:52 3070
04:54 3080
04:57 3090
04:59 3100
05:02 3110
05:05 3120
05:24 3130
05:31 3140

2944.00ft: PVT Horn Disabled
2945.00ft: PVT Horn Enabled
2960.66ft: SURVEY AT 2893 INC 15.5 AZI 273.7
2961.00ft: ZDiffPressure from SideKick sk-11-11-0402
2962.32ft: Connection at 2943.4
2964.00ft: IN TALLY: HOLE DEPTH SET TO 2943.4
3031.00ft: PVT Horn Disabled
3033.60ft: Connection at 3034.1
3047.12ft: SURVEY AT 2984 INC 14.5 AZI 273.7
3047.12ft: ZDiffPressure from SideKick sk-11-11-0402
3048.00ft: ZDiffPressure from SideKick sk-11-11-0402
3050.00ft: HOLE DEPTH CHANGED TO 3033.0 FEET
3055.64ft: SWEEP
3066.00ft: PVT Horn Enabled
3085.00ft: MUD VIS 42.00
3085.00ft: MUD WEIGHT 8.70
3124.00ft: PVT Horn Disabled
3135.00ft: ZDiffPressure from SideKick sk-11-11-0402
3135.00ft: ZWOB from SideKick sk-11-11-0402
3138.00ft: HOOK LOAD HIGH RECALIBRATED
3138.36ft: SURVEY AT 3074 INC 15.1 AZI 274.1
3140.02ft: Connection at 3124.9
3141.68ft: SURVEY SLIDING
3143.00ft: IN TALLY: HOLE DEPTH SET TO 3124.9









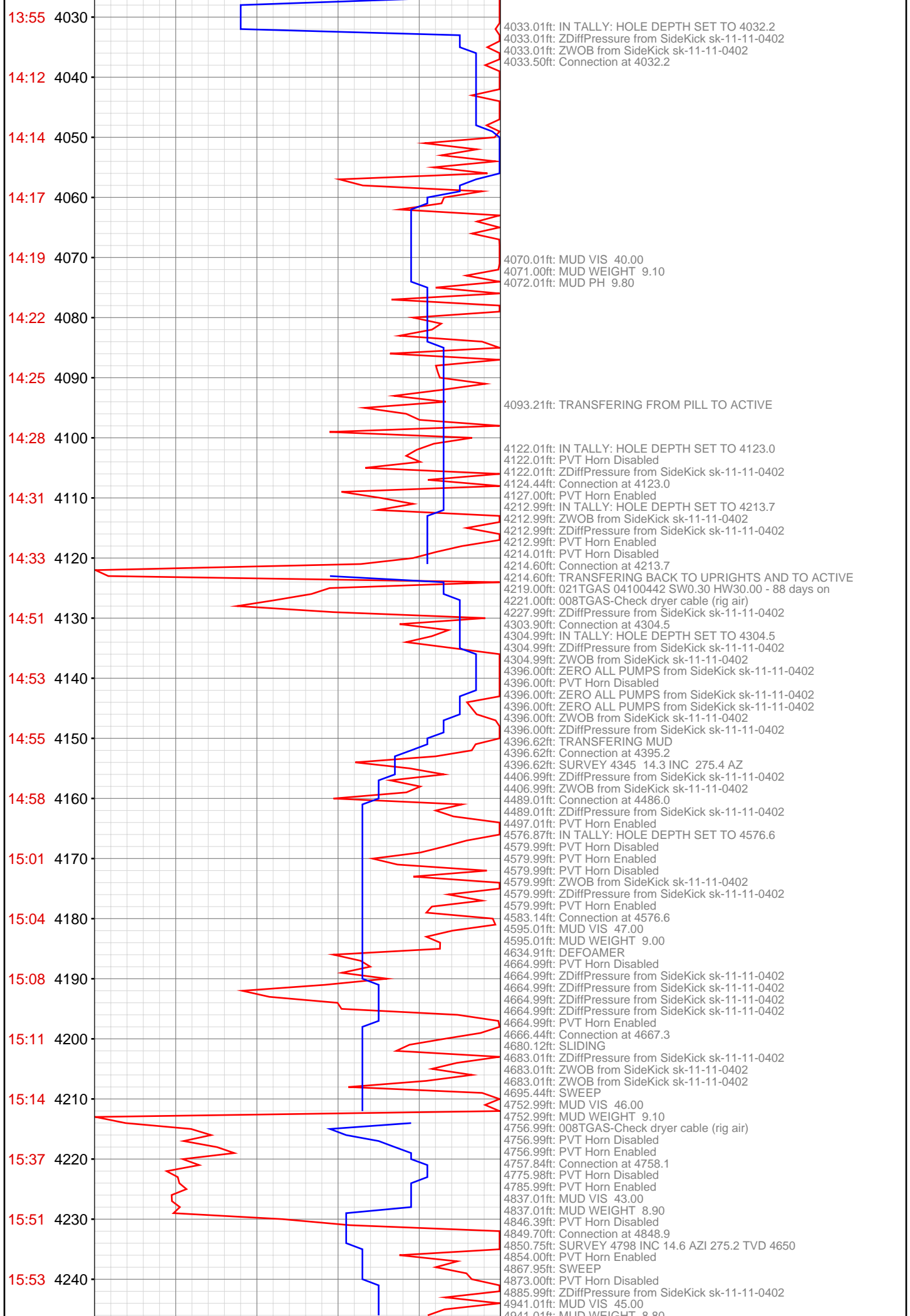
3839.99ft: IN TALLY: HOLE DEPTH SET TO 3850.8
3839.99ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
3839.99ft: ZDiffPressure from SideKick sk-11-11-0402
3839.99ft: ZWOB from SideKick sk-11-11-0402

3850.82ft: Connection at 3850.8

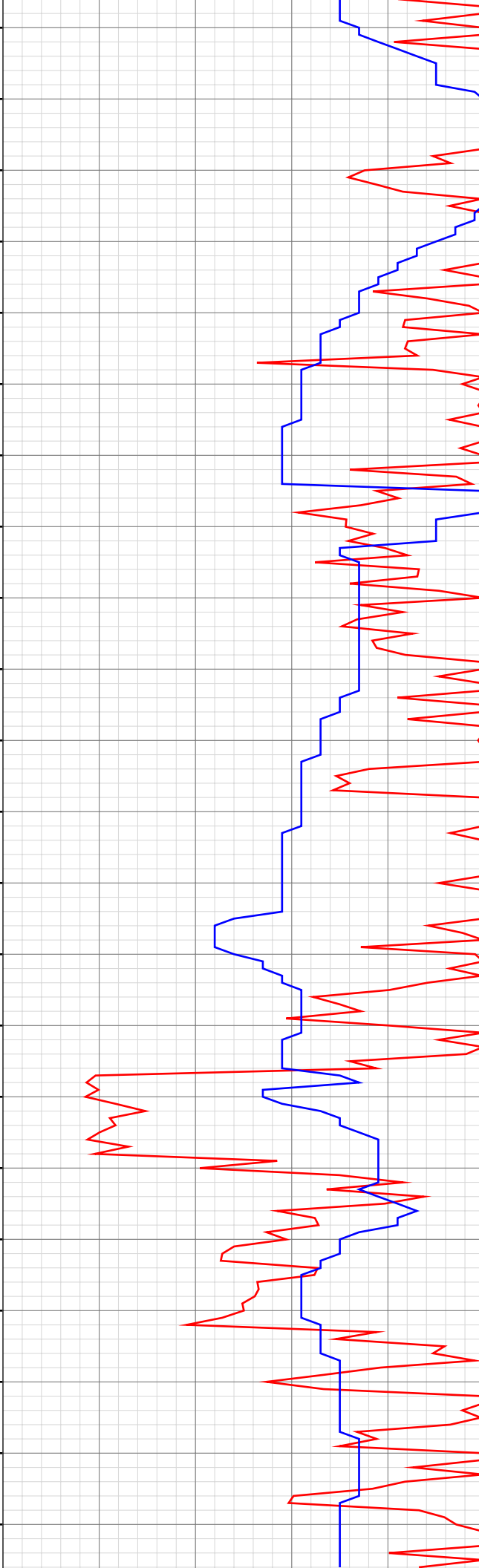
3941.57ft: Connection at 3941.6
3941.57ft: MUD VIS 42.00
3941.99ft: IN TALLY: HOLE DEPTH SET TO 3941.6
3941.99ft: MUD WEIGHT 9.30
3941.99ft: MUD PH 10.00
3941.99ft: ZDiffPressure from SideKick sk-11-11-0402
3941.99ft: ZWOB from SideKick sk-11-11-0402

3960.99ft: ZDiffPressure from SideKick sk-11-11-0402
3960.99ft: ZWOB from SideKick sk-11-11-0402

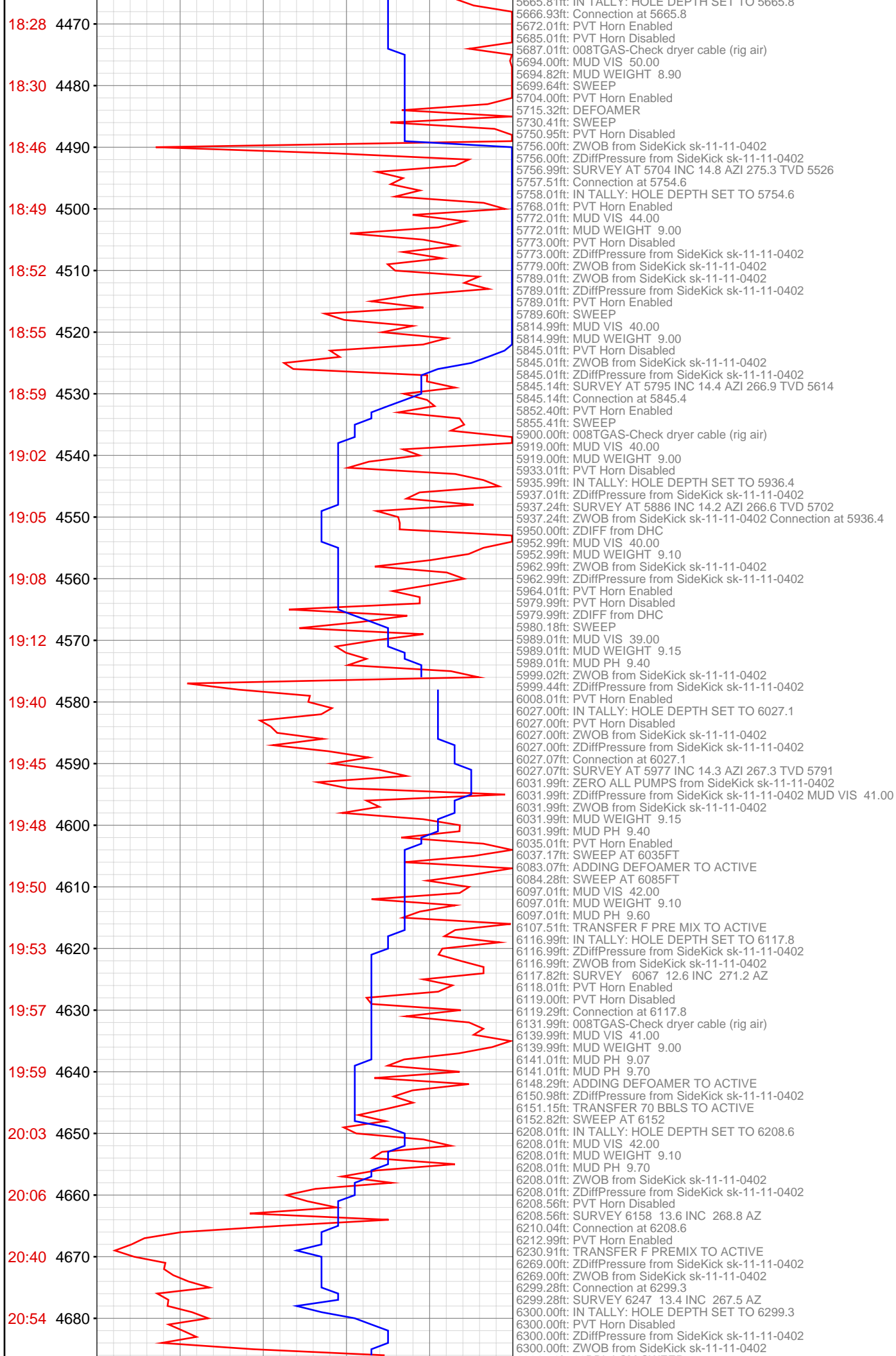
3995.01ft: PVT Horn Disabled
3995.01ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
3995.01ft: ZDiffPressure from SideKick sk-11-11-0402
3995.01ft: ZWOB from SideKick sk-11-11-0402
3996.00ft: PVT Horn Enabled

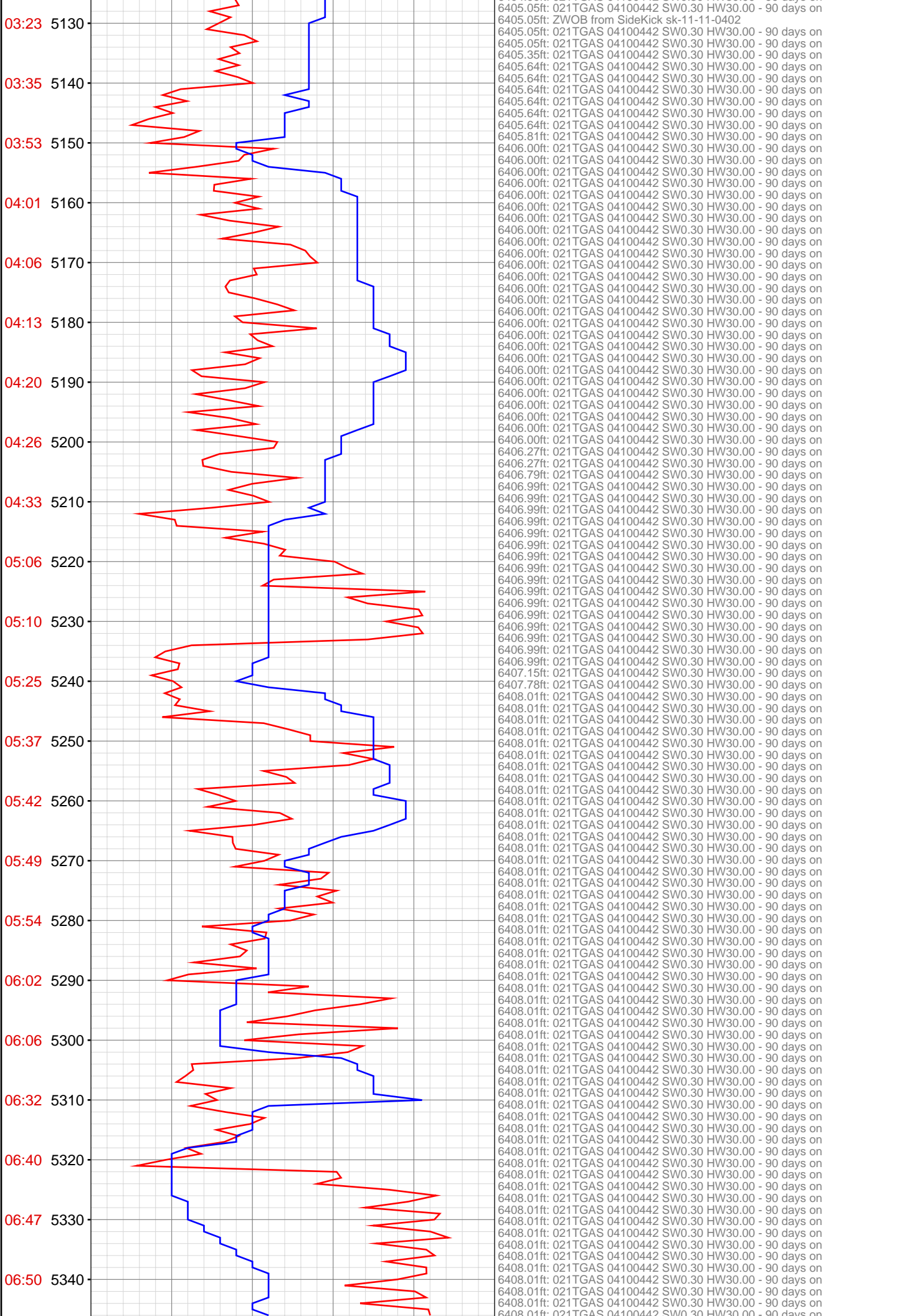


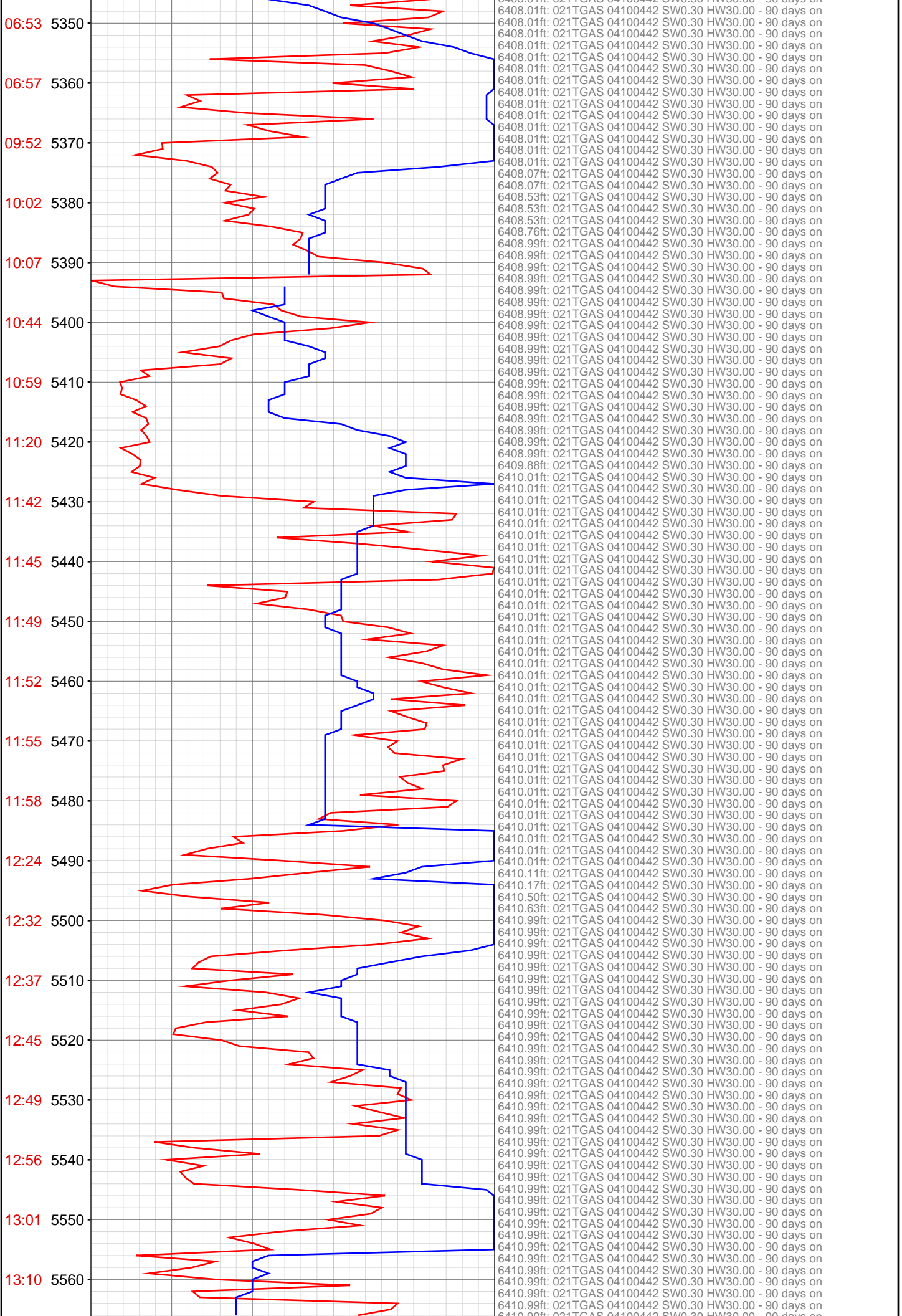
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16:26 4320
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16:33 4340
16:35 4350
16:37 4360
16:39 4370
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18:20 4440
18:22 4450
18:25 4460

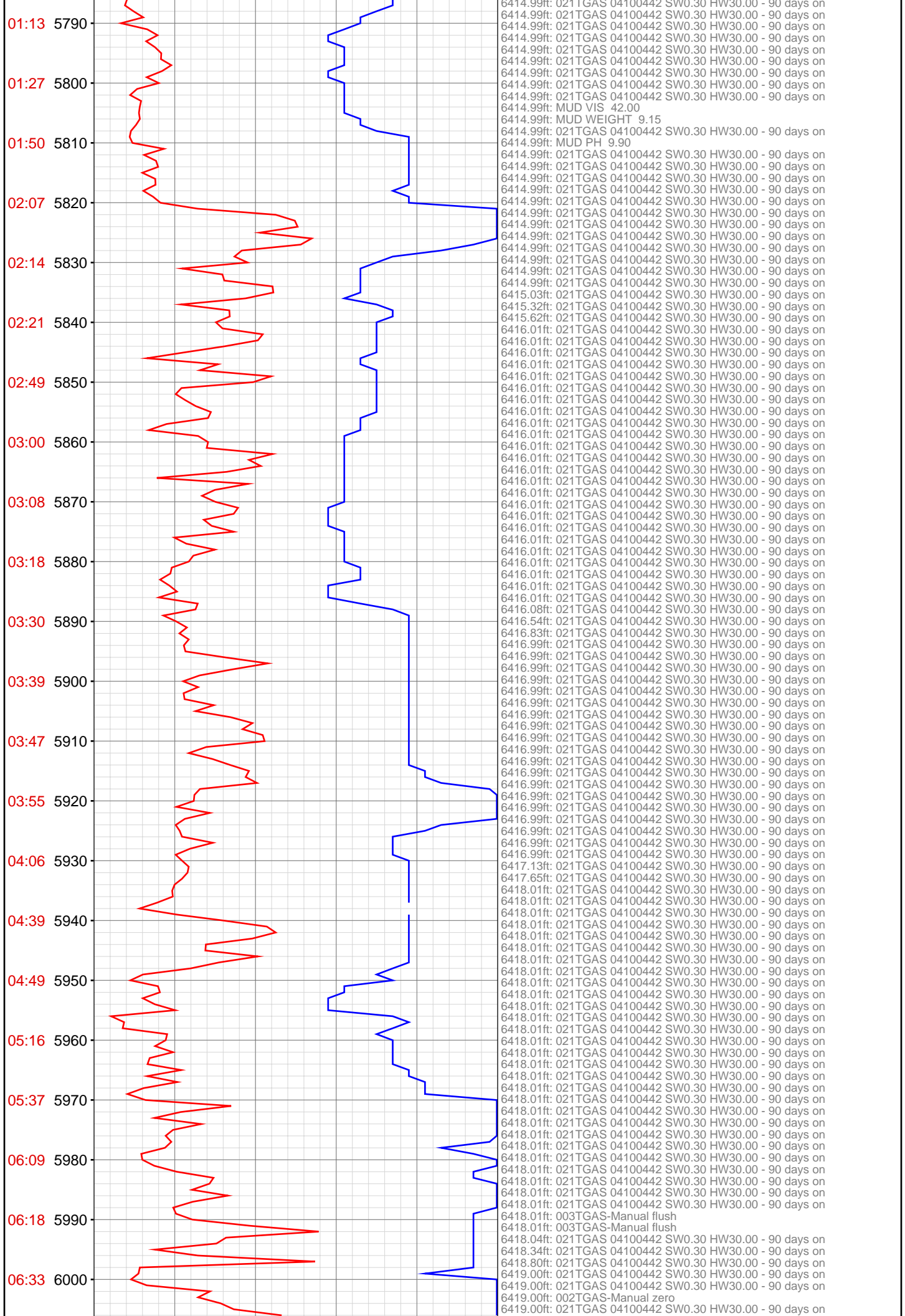


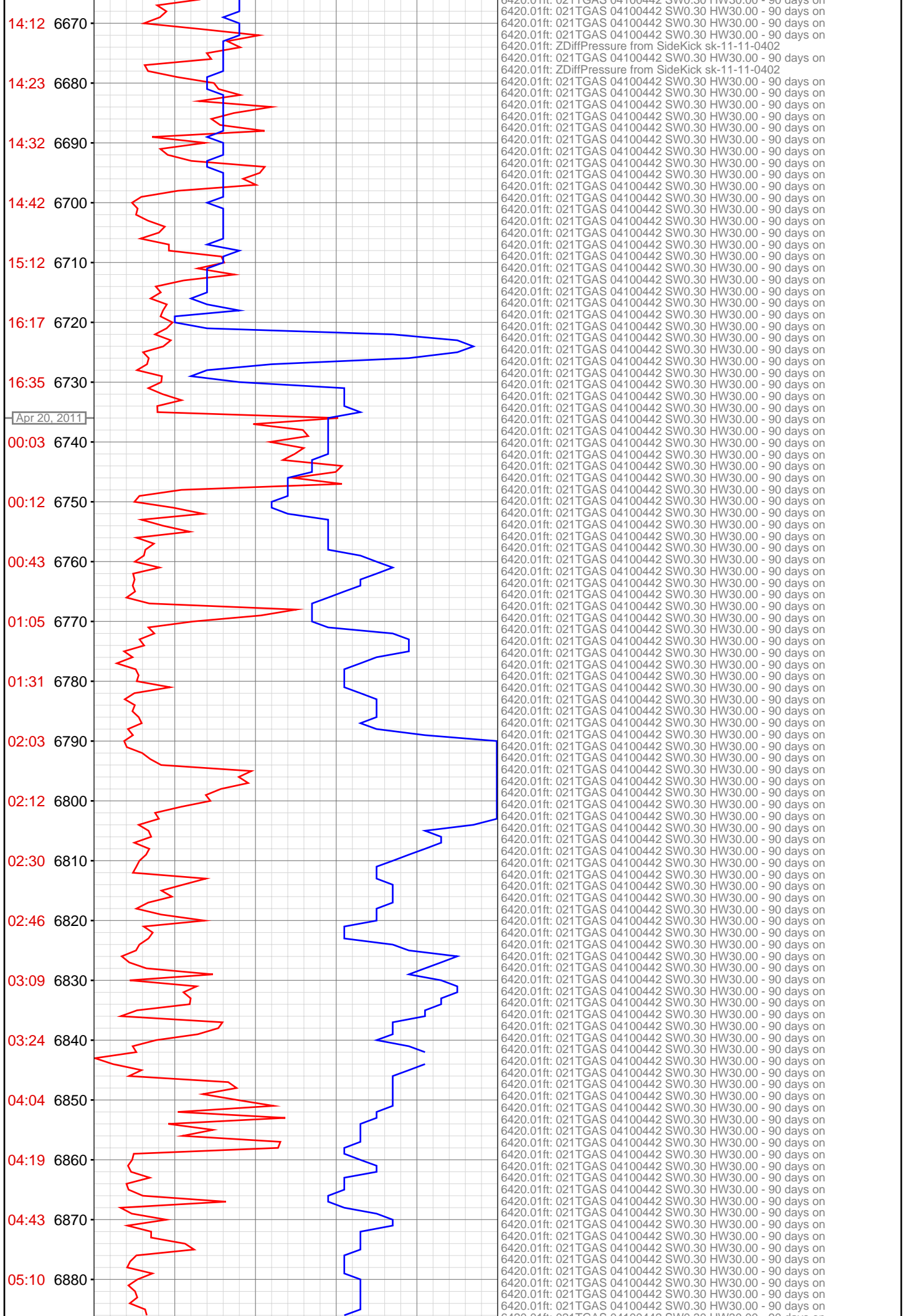
4941.01ft: MUD WEIGHT 8.00
4941.17ft: SURVEY AT 4889 INC 15.1 AZI 273.6 TVD 4738
4945.01ft: PVT Horn Enabled
4947.28ft: Connection at 4939.6
4996.19ft: SWEEP
5027.99ft: PVT Horn Disabled
5033.01ft: ZDiffPressure from SideKick sk-11-11-0402
5033.01ft: ZWOB from SideKick sk-11-11-0402
5033.01ft: PVT Horn Enabled
5033.33ft: SURVEY AT 4980 INC 14.9 AZI 273.6 TVD 4826
5033.33ft: Connection at 5030.4
5033.99ft: IN TALLY: HOLE DEPTH SET TO 5030.4
5050.03ft: DEFOAMER
5079.00ft: MUD VIS 45.00
5079.00ft: MUD WEIGHT 8.80
5116.01ft: PVT Horn Disabled
5120.01ft: ZWOB from SideKick sk-11-11-0402
5120.01ft: ZDiffPressure from SideKick sk-11-11-0402
5121.00ft: SURVEY AT 5071 INC 14.1 AZI 275.3 TVD 4914
5121.00ft: Connection at 5121.2
5140.62ft: ZDiffPressure from SideKick sk-11-11-0402
5143.01ft: 008TGAS-Check dryer cable (rig air)
5148.00ft: MUD VIS 40.00
5148.00ft: MUD WEIGHT 9.00
5149.02ft: ZDiffPressure from SideKick sk-11-11-0402
5162.99ft: PVT Horn Enabled
5202.99ft: PVT Horn Disabled
5210.99ft: ZWOB from SideKick sk-11-11-0402
5210.99ft: ZDiffPressure from SideKick sk-11-11-0402
5211.71ft: SURVEY AT 5161 INC 14.4 AZI 274.4 TVD 5001
5211.71ft: Connection at 5212.0
5233.01ft: ZDiffPressure from SideKick sk-11-11-0402
5245.01ft: ZDiffPressure from SideKick sk-11-11-0402
5245.31ft: SWEEP
5249.84ft: PVT Horn Enabled
5302.72ft: Connection at 5302.7
5302.99ft: IN TALLY: HOLE DEPTH SET TO 5302.7
5302.99ft: MUD VIS 41.00
5302.99ft: MUD WEIGHT 9.00
5302.99ft: MUD PH 10.00
5302.99ft: ZWOB from SideKick sk-11-11-0402
5302.99ft: ZDiffPressure from SideKick sk-11-11-0402
5320.01ft: ZWOB from SideKick sk-11-11-0402
5321.00ft: ZDiffPressure from SideKick sk-11-11-0402
5360.99ft: PVT Horn Disabled
5360.99ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
5360.99ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
5360.99ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
5360.99ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
5360.99ft: MUD VIS 41.00
5360.99ft: MUD WEIGHT 9.00
5360.99ft: MUD PH 10.00
5360.99ft: 008TGAS-Check dryer cable (rig air)
5360.99ft: ZDiffPressure from SideKick sk-11-11-0402
5360.99ft: ZWOB from SideKick sk-11-11-0402
5393.01ft: IN TALLY: HOLE DEPTH SET TO 5393.5
5393.01ft: MUD VIS 8.95
5393.01ft: MUD PH 9.90
5393.01ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
5393.01ft: ZWOB from SideKick sk-11-11-0402
5393.01ft: ZDiffPressure from SideKick sk-11-11-0402
5393.01ft: PVT Horn Enabled
5393.50ft: Connection at 5393.5
5393.50ft: MUD VIS 40.00
5393.50ft: MUD WEIGHT 8.95
5393.50ft: SURVEY 5343 14.3 INC 273.7 AZ
5405.87ft: ADDING DEFOAMER
5406.99ft: ZDiffPressure from SideKick sk-11-11-0402
5406.99ft: ZWOB from SideKick sk-11-11-0402
5419.62ft: PUMPING OUT CELLAR
5425.98ft: MUD VIS 43.00
5426.71ft: ZDiffPressure from SideKick sk-11-11-0402
5427.00ft: MUD PH 9.90
5427.00ft: MUD WEIGHT 9.10
5436.35ft: SWEEP @ 5435 FT
5484.22ft: Connection at 5484.3
5484.28ft: SURVEY 5434 15.3 INC 273.5 AZ
5485.01ft: IN TALLY: HOLE DEPTH SET TO 5484.3
5485.01ft: PVT Horn Disabled
5485.01ft: ZDiffPressure from SideKick sk-11-11-0402
5485.01ft: ZWOB from SideKick sk-11-11-0402
5491.01ft: PVT Horn Enabled
5493.34ft: SWEEP@5492
5532.05ft: 2-3 GPM
5541.50ft: LOSS DUE TO MOVING MUD IN PITS
5575.98ft: MUD VIS 43.00
5575.98ft: MUD WEIGHT 9.15
5575.98ft: MUD PH 9.80
5575.98ft: PVT Horn Disabled
5575.98ft: ZWOB from SideKick sk-11-11-0402
5575.98ft: ZDiffPressure from SideKick sk-11-11-0402
5576.44ft: SURVEY AT 5525 15.0 INC. 273.8 AZ
5576.44ft: SWEEP Connection at 5575.1
5597.01ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
5597.01ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
5597.01ft: 021TGAS 04100442 SW0.30 HW30.00 - 89 days on
5597.01ft: 008TGAS-Check dryer cable (rig air)
5597.01ft: MUD WEIGHT 9.00
5597.01ft: MUD PH 10.30
5597.01ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
5597.01ft: ZDiffPressure from SideKick sk-11-11-0402
5597.01ft: ZDIFF from DHC
5597.01ft: ZDIFF from DHC
5597.01ft: ZDIFF from DHC
5597.93ft: MUD VIS 43.00
5604.00ft: PVT Horn Enabled
5607.84ft: SWEEP
5612.99ft: MUD VIS 45.00
5612.99ft: MUD WEIGHT 8.80
5664.99ft: PVT Horn Disabled
5664.99ft: ZDiffPressure from SideKick sk-11-11-0402
5665.55ft: SURVEY AT 5615 INC 14.8 AZI 274.3 TVD 5440

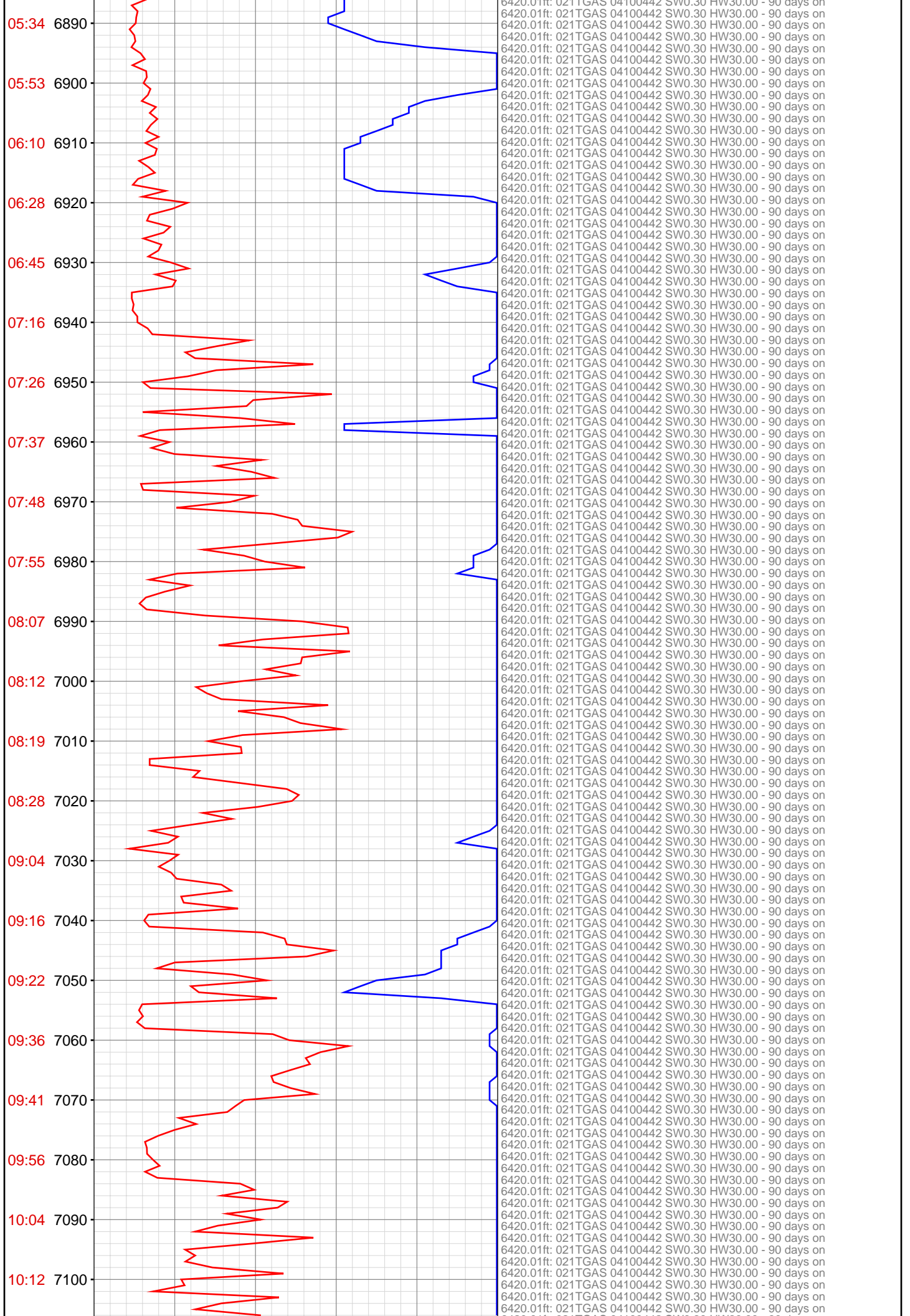


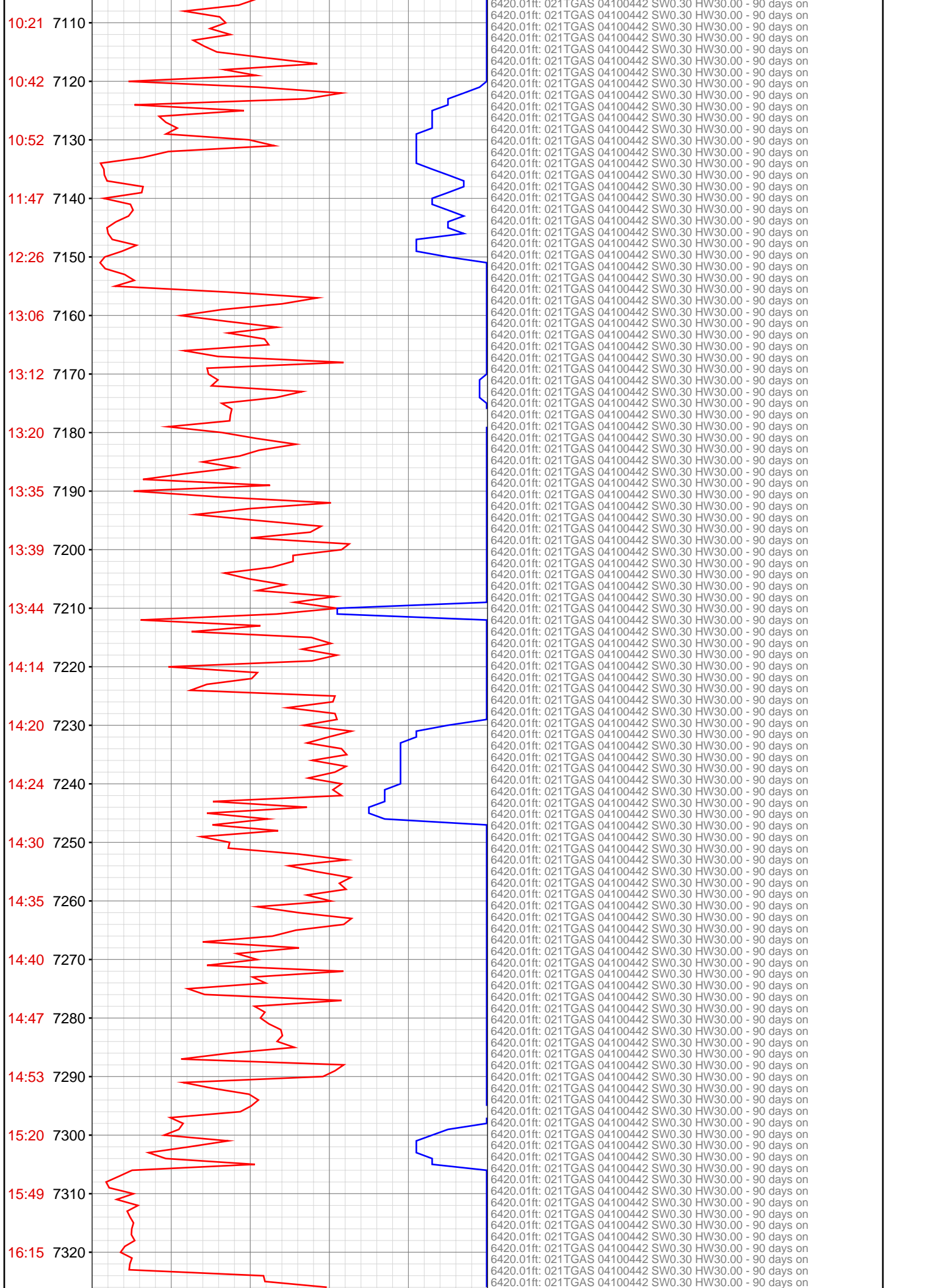








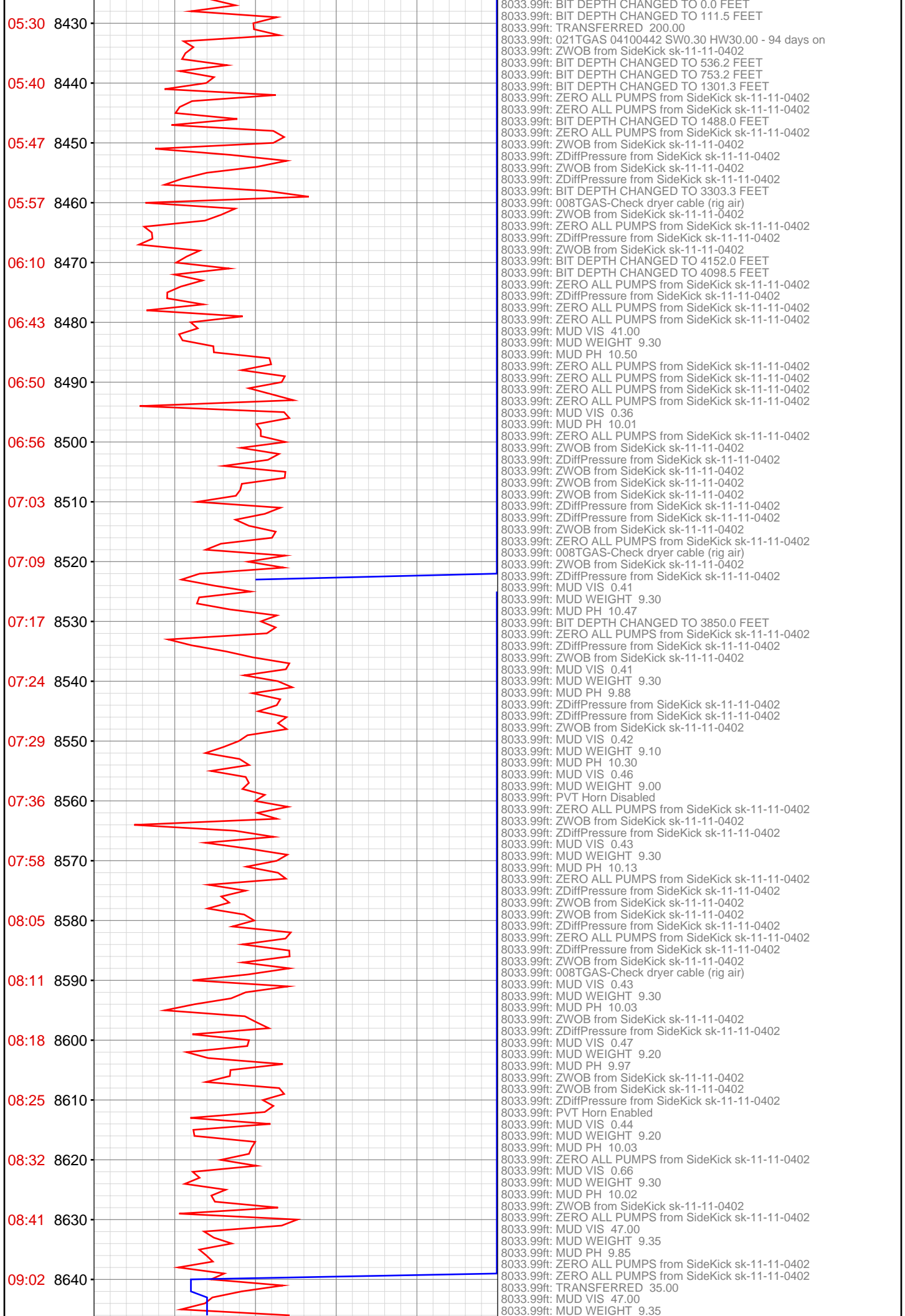


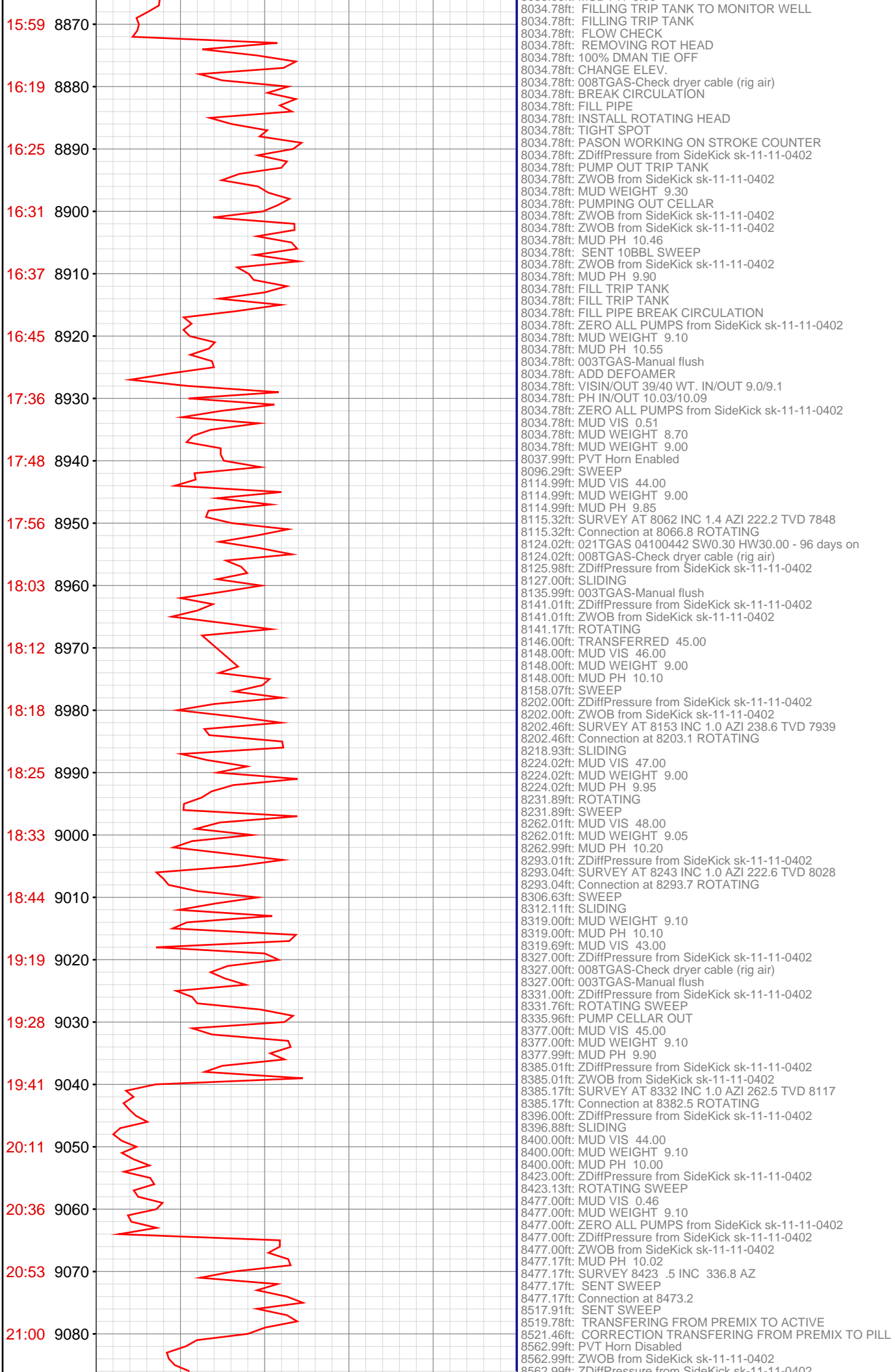


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Apr 24, 2011
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00:41 8290
00:59 8300
01:06 8310
01:38 8320
02:36 8330
02:50 8340
02:57 8350
03:04 8360
03:13 8370
03:20 8380
03:42 8390
04:09 8400
04:47 8410
05:09 8420



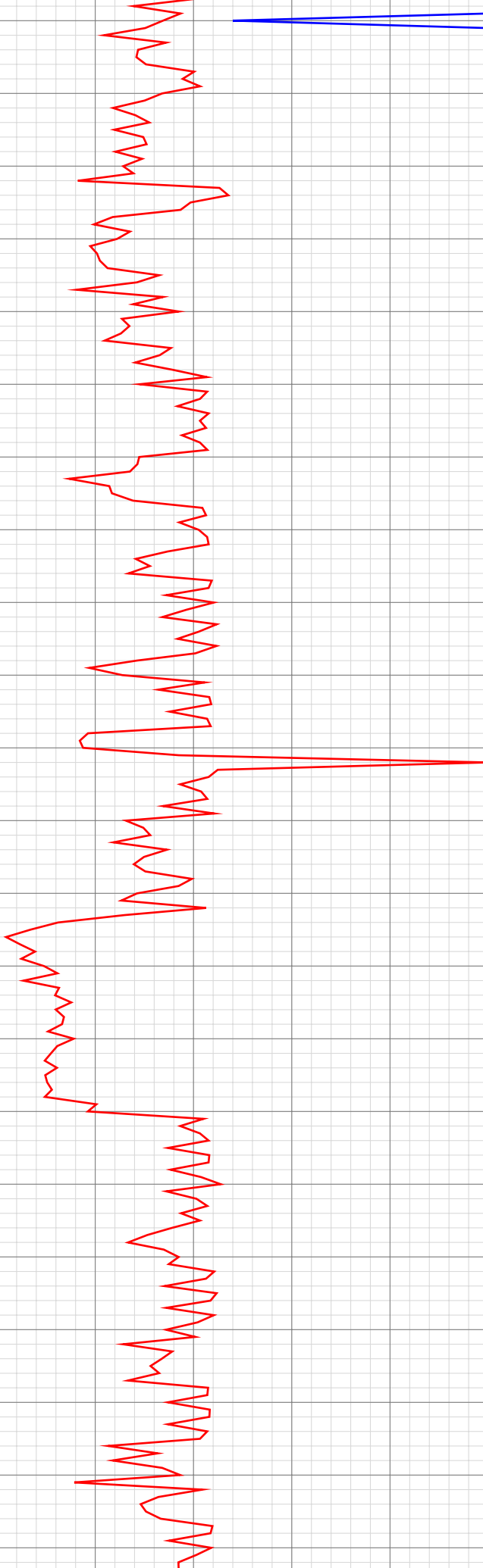
7304.00ft: HOLE DEPTH CHANGED TO 7295.4 FEET
7304.49ft: Connection at 7295.6
7304.99ft: ZWOB from SideKick sk-11-11-0402
7304.99ft: ZDiffPressure from SideKick sk-11-11-0402
7304.99ft: PVT Horn Disabled
7322.01ft: ZWOB from SideKick sk-11-11-0402
7322.64ft: ZDiffPressure from SideKick sk-11-11-0402
7333.01ft: PVT Horn Enabled
7345.01ft: ZWOB from SideKick sk-11-11-0402
7345.01ft: ZDiffPressure from SideKick sk-11-11-0402
7385.99ft: PVT Horn Disabled
7385.99ft: ZDiffPressure from SideKick sk-11-11-0402
7385.99ft: ZWOB from SideKick sk-11-11-0402
7386.19ft: SURVEY 7336 7.9 INC 274.6 AZ
7389.99ft: PVT Horn Enabled
7390.42ft: Connection at 7386.3
7403.71ft: SENT SWEEP
7477.49ft: SURVEY AT 7427 INC 6.9 AZI 278.2 TVD 7214
7477.99ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
7477.99ft: ZWOB from SideKick sk-11-11-0402
7477.99ft: ZDiffPressure from SideKick sk-11-11-0402
7477.99ft: PVT Horn Enabled
7478.58ft: PVT Horn Disabled
7478.58ft: Connection at 7477.0 ROTATING
7482.32ft: SWEEP
7486.55ft: SWEEP
7491.99ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
7514.99ft: MUD VIS 40.00
7516.01ft: MUD WEIGHT 9.00
7516.01ft: MUD PH 9.90
7533.01ft: 021TGAS 04100442 SW0.30 HW30.00 - 93 days on
7533.01ft: 008TGAS-Check dryer cable (rig air)
7535.01ft: 003TGAS-Manual flush
7568.01ft: PVT Horn Disabled
7568.01ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
7568.01ft: ZDiffPressure from SideKick sk-11-11-0402
7568.01ft: PVT Horn Enabled
7568.08ft: SURVEY AT 7517 INC 6.0 AZI 279.2 TVD 7304
7568.08ft: Connection at 7567.8 ROTATING SWEEP
7571.00ft: TRANSFERRED 156.00
7633.99ft: MUD VIS 38.00
7633.99ft: MUD WEIGHT 9.00
7633.99ft: MUD PH 9.80
7658.01ft: PVT Horn Disabled
7660.01ft: PVT Horn Enabled
7660.14ft: SURVEY AT 7608 INC 5.9 AZI 277.5 TVD 7394
7660.14ft: Connection at 7658.6 ROTATING SWEEP
7660.99ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
7677.99ft: ZDiffPressure from SideKick sk-11-11-0402
7678.54ft: SLIDING
7691.99ft: ZDiffPressure from SideKick sk-11-11-0402
7691.99ft: ZWOB from SideKick sk-11-11-0402
7692.75ft: ROTATING SWEEP
7712.01ft: MUD VIS 40.00
7712.01ft: MUD WEIGHT 9.00
7712.01ft: MUD PH 9.98
7744.00ft: PVT Horn Disabled
7748.00ft: ZWOB from SideKick sk-11-11-0402
7748.00ft: PVT Horn Enabled
7748.72ft: SURVEY AT 7699 INC 4.7 AZI 276.7 TVD 7485
7748.72ft: Connection at 7749.3 ROTATING SWEEP
7769.19ft: ZDiffPressure from SideKick sk-11-11-0402 SLIDING
7781.00ft: ZDiffPressure from SideKick sk-11-11-0402
7781.27ft: ROTATING
7781.56ft: SWEEP
7787.99ft: 008TGAS-Check dryer cable (rig air)
7799.02ft: 003TGAS-Manual flush
7835.99ft: PVT Horn Disabled
7839.01ft: PVT Horn Enabled
7839.47ft: Connection at 7840.1 ROTATING SWEEP
7843.67ft: SURVEY AT 7790 INC 3.3 AZI 280.3 TVD 7576
7854.00ft: TRANSFERRED 80.00
7858.17ft: PVT Horn Disabled
7860.20ft: SLIDING
7860.20ft: ZDiffPressure from SideKick sk-11-11-0402
7860.20ft: PVT Horn Enabled
7868.44ft: ROTATING SWEEP
7870.01ft: MUD PH 9.84
7870.11ft: X-O PUMPS
7870.11ft: MUD VIS 40.00
7870.11ft: MUD WEIGHT 8.95
7927.99ft: PVT Horn Disabled
7929.99ft: ZDiffPressure from SideKick sk-11-11-0402
7929.99ft: ZWOB from SideKick sk-11-11-0402
7929.99ft: PVT Horn Enabled
7930.61ft: SURVEY AT 7880 INC 2.4 AZI 265.8 TVD 7666
7930.61ft: Connection at 7930.8 ROTATING SWEEP
7943.01ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
7950.00ft: ZDiffPressure from SideKick sk-11-11-0402
7950.26ft: SLIDING
7966.01ft: ZDiffPressure from SideKick sk-11-11-0402
7966.01ft: ZWOB from SideKick sk-11-11-0402
7971.52ft: SENT SWEEP
7977.43ft: TRANSFERING FROM PREMIX TO ACTIVE
7985.56ft: MUD WT- 8.7
7985.99ft: 003TGAS-Manual flush
8008.20ft: CLEANING OUT GAS SNIFFER
8009.25ft: 003TGAS-Manual flush
8022.01ft: PVT Horn Disabled
8022.01ft: PVT Horn Enabled
8022.01ft: 008TGAS-Check dryer cable (rig air)
8022.01ft: PVT Horn Disabled
8022.01ft: ZWOB from SideKick sk-11-11-0402
8022.70ft: RIG SERVICE
8022.70ft: Connection at 8021.6
8022.70ft: SURVEY 7971 1.4 INC 246.8 AZ
8022.70ft: ZDiffPressure from SideKick sk-11-11-0402
8024.02ft: PVT Horn Enabled
8033.99ft: PVT Horn Disabled
8033.99ft: PVT Horn Disabled
8033.99ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
8033.99ft: 008TGAS-Check dryer cable (rig air)
8033.99ft: BIT DEPTH CHANGED TO 2807.0 FEET





8034.78ft: FILLING TRIP TANK TO MONITOR WELL
8034.78ft: FILLING TRIP TANK
8034.78ft: FLOW CHECK
8034.78ft: REMOVING ROT HEAD
8034.78ft: 100% DMAN TIE OFF
8034.78ft: CHANGE ELEV.
8034.78ft: 008TGAS-Check dryer cable (rig air)
8034.78ft: BREAK CIRCULATION
8034.78ft: FILL PIPE
8034.78ft: INSTALL ROTATING HEAD
8034.78ft: TIGHT SPOT
8034.78ft: PASON WORKING ON STROKE COUNTER
8034.78ft: ZDiffPressure from SideKick sk-11-11-0402
8034.78ft: PUMP OUT TRIP TANK
8034.78ft: ZWOB from SideKick sk-11-11-0402
8034.78ft: MUD WEIGHT 9.30
8034.78ft: PUMPING OUT CELLAR
8034.78ft: ZWOB from SideKick sk-11-11-0402
8034.78ft: ZWOB from SideKick sk-11-11-0402
8034.78ft: MUD PH 10.46
8034.78ft: SENT 10BBL SWEEP
8034.78ft: ZWOB from SideKick sk-11-11-0402
8034.78ft: MUD PH 9.90
8034.78ft: FILL TRIP TANK
8034.78ft: FILL TRIP TANK
8034.78ft: FILL PIPE BREAK CIRCULATION
8034.78ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
8034.78ft: MUD WEIGHT 9.10
8034.78ft: MUD PH 10.55
8034.78ft: 003TGAS-Manual flush
8034.78ft: ADD DEFOAMER
8034.78ft: VISIN/OUT 39/40 WT. IN/OUT 9.0/9.1
8034.78ft: PH IN/OUT 10.03/10.09
8034.78ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
8034.78ft: MUD VIS 0.51
8034.78ft: MUD WEIGHT 8.70
8034.78ft: MUD WEIGHT 9.00
8037.99ft: PVT Horn Enabled
8096.29ft: SWEEP
8114.99ft: MUD VIS 44.00
8114.99ft: MUD WEIGHT 9.00
8114.99ft: MUD PH 9.85
8115.32ft: SURVEY AT 8062 INC 1.4 AZI 222.2 TVD 7848
8115.32ft: Connection at 8066.8 ROTATING
8124.02ft: 021TGAS 04100442 SW0.30 HW30.00 - 96 days on
8124.02ft: 008TGAS-Check dryer cable (rig air)
8125.98ft: ZDiffPressure from SideKick sk-11-11-0402
8127.00ft: SLIDING
8135.99ft: 003TGAS-Manual flush
8141.01ft: ZDiffPressure from SideKick sk-11-11-0402
8141.01ft: ZWOB from SideKick sk-11-11-0402
8141.17ft: ROTATING
8146.00ft: TRANSFERRED 45.00
8148.00ft: MUD VIS 46.00
8148.00ft: MUD WEIGHT 9.00
8148.00ft: MUD PH 10.10
8158.07ft: SWEEP
8202.00ft: ZDiffPressure from SideKick sk-11-11-0402
8202.00ft: ZWOB from SideKick sk-11-11-0402
8202.46ft: SURVEY AT 8153 INC 1.0 AZI 238.6 TVD 7939
8202.46ft: Connection at 8203.1 ROTATING
8218.93ft: SLIDING
8224.02ft: MUD VIS 47.00
8224.02ft: MUD WEIGHT 9.00
8224.02ft: MUD PH 9.95
8231.89ft: ROTATING
8231.89ft: SWEEP
8262.01ft: MUD VIS 48.00
8262.01ft: MUD WEIGHT 9.05
8262.99ft: MUD PH 10.20
8293.01ft: ZDiffPressure from SideKick sk-11-11-0402
8293.04ft: SURVEY AT 8243 INC 1.0 AZI 222.6 TVD 8028
8293.04ft: Connection at 8293.7 ROTATING
8306.63ft: SWEEP
8312.11ft: SLIDING
8319.00ft: MUD WEIGHT 9.10
8319.00ft: MUD PH 10.10
8319.69ft: MUD VIS 43.00
8327.00ft: ZDiffPressure from SideKick sk-11-11-0402
8327.00ft: 008TGAS-Check dryer cable (rig air)
8327.00ft: 003TGAS-Manual flush
8331.00ft: ZDiffPressure from SideKick sk-11-11-0402
8331.76ft: ROTATING SWEEP
8335.96ft: PUMP CELLAR OUT
8377.00ft: MUD VIS 45.00
8377.00ft: MUD WEIGHT 9.10
8377.99ft: MUD PH 9.90
8385.01ft: ZDiffPressure from SideKick sk-11-11-0402
8385.01ft: ZWOB from SideKick sk-11-11-0402
8385.17ft: SURVEY AT 8332 INC 1.0 AZI 262.5 TVD 8117
8385.17ft: Connection at 8382.5 ROTATING
8396.00ft: ZDiffPressure from SideKick sk-11-11-0402
8396.88ft: SLIDING
8400.00ft: MUD VIS 44.00
8400.00ft: MUD WEIGHT 9.10
8400.00ft: MUD PH 10.00
8423.00ft: ZDiffPressure from SideKick sk-11-11-0402
8423.13ft: ROTATING SWEEP
8477.00ft: MUD VIS 0.46
8477.00ft: MUD WEIGHT 9.10
8477.00ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
8477.00ft: ZDiffPressure from SideKick sk-11-11-0402
8477.00ft: ZWOB from SideKick sk-11-11-0402
8477.17ft: MUD PH 10.02
8477.17ft: SURVEY 8423 .5 INC 336.8 AZ
8477.17ft: SENT SWEEP
8477.17ft: Connection at 8473.2
8517.91ft: SENT SWEEP
8519.78ft: TRANSFERING FROM PREMIX TO ACTIVE
8521.46ft: CORRECTION TRANSFERING FROM PREMIX TO PILL
8562.99ft: PVT Horn Disabled
8562.99ft: ZWOB from SideKick sk-11-11-0402
8562.99ft: ZDiffPressure from SideKick sk-11-11-0402

21:10 9090
21:17 9100
21:26 9110
21:45 9120
21:58 9130
22:05 9140
22:11 9150
22:20 9160
22:26 9170
22:34 9180
22:53 9190
23:10 9200
23:18 9210
Apr 25, 2011
00:23 9230
00:46 9240
00:52 9250
00:58 9260
01:04 9270
01:12 9280
01:30 9290
01:36 9300



8563.42ft: SURVEY 8513 .4 INC 308.8 AZ
8564.86ft: Connection at 8564.0
8566.44ft: SEND 20BBL SWEEP
8574.02ft: PVT Horn Enabled
8575.79ft: EMPTY PILL TANK
8587.27ft: TRANSFER FROM PREMIX TO ACTIVE
8591.01ft: MUD VIS 0.50
8591.01ft: MUD WEIGHT 9.20
8591.01ft: MUD PH 9.86
8593.01ft: 008TGAS-Check dryer cable (rig air)
8627.66ft: SENDING SWEEP
8631.00ft: 003TGAS-Manual flush
8631.99ft: 003TGAS-Manual flush
8639.01ft: PVT Horn Disabled
8639.01ft: ZDiffPressure from SideKick sk-11-11-0402
8639.01ft: ZWOB from SideKick sk-11-11-0402
8639.63ft: CHECKING FLOW
8646.00ft: MUD VIS 0.43
8647.01ft: MUD WEIGHT 9.10
8647.01ft: MUD PH 10.02
8655.94ft: SURVEY 8604 .4 INC 316.1 AZ
8655.94ft: GETTING SPR'S
8656.99ft: ZWOB from SideKick sk-11-11-0402
8656.99ft: ZDiffPressure from SideKick sk-11-11-0402
8664.53ft: Connection at 8654.7
8671.95ft: SENDING SWEEP
8677.99ft: PVT Horn Enabled
8693.01ft: MUD VIS 0.43
8693.01ft: MUD WEIGHT 9.20
8694.00ft: MUD PH 9.84
8714.99ft: PVT Horn Disabled
8714.99ft: ZDiffPressure from SideKick sk-11-11-0402
8714.99ft: ZWOB from SideKick sk-11-11-0402
8715.55ft: TRANSFERING FROM PREMIX TO ACTIVE
8718.01ft: PVT Horn Enabled
8744.00ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
8744.00ft: ZWOB from SideKick sk-11-11-0402
8744.00ft: ZDiffPressure from SideKick sk-11-11-0402
8744.69ft: SURVEY 8695 .4 INC 331.9 AZ
8745.74ft: Connection at 8745.4
8752.36ft: TRANSFERING TO ACTIVE FROM PREMIX
8762.01ft: MUD VIS 0.38
8762.99ft: MUD WEIGHT 9.30
8762.99ft: MUD PH 9.99
8816.01ft: 008TGAS-Check dryer cable (rig air)
8835.99ft: ZDiffPressure from SideKick sk-11-11-0402
8835.99ft: ZWOB from SideKick sk-11-11-0402
8836.91ft: SURVEY 8786 .9 INC 358.8 AZ
8836.91ft: Connection at 8836.2
8846.00ft: PVT Horn Disabled
8848.00ft: MUD VIS 0.42
8848.00ft: MUD WEIGHT 9.30
8848.00ft: MUD PH 10.02
8849.02ft: PVT Horn Enabled
8853.51ft: TRANSFERING FROM PRE MIX TO ACTIVE
8871.00ft: ZWOB from SideKick sk-11-11-0402
8871.00ft: ZDiffPressure from SideKick sk-11-11-0402
8871.00ft: ZDiffPressure from SideKick sk-11-11-0402
8871.39ft: ZWOB from SideKick sk-11-11-0402
8883.56ft: SENT SWEEP
8915.68ft: RIG SERVICE KELLY DOWN
8927.99ft: ZWOB from SideKick sk-11-11-0402
8928.97ft: SURVEY 8876 .8 INC 261.3 AZ
8928.97ft: ZDiffPressure from SideKick sk-11-11-0402
8929.07ft: Connection at 8926.9
8929.99ft: IN TALLY: HOLE DEPTH SET TO 8926.9
8934.78ft: PASON NOT TRACKING DEPTH AT ALL
8941.01ft: MUD VIS 0.40
8942.00ft: MUD WEIGHT 9.30
8942.00ft: MUD PH 10.40
8972.74ft: SWEEP
8984.81ft: BRING MUD WT UP TO 9.4 ADDING BAR
8998.00ft: SWEEP
9017.00ft: ZWOB from SideKick sk-11-11-0402
9017.32ft: SURVEY AT 8967 INC 1.1 AZI 230.6 TVD 8752
9017.32ft: ZDiffPressure from SideKick sk-11-11-0402
9017.32ft: Connection at 9017.8 ROTATING
9039.14ft: SLIDING
9042.00ft: MUD VIS 46.00
9042.00ft: MUD WEIGHT 9.35
9042.00ft: MUD PH 10.08
9050.00ft: 021TGAS 04100442 SW0.30 HW30.00 - 97 days on
9050.00ft: 008TGAS-Check dryer cable (rig air)
9052.99ft: 003TGAS-Manual flush
9057.55ft: GO INTO GAS BUSTER
9062.99ft: PVT Horn Disabled
9062.99ft: ZDiffPressure from SideKick sk-11-11-0402
9062.99ft: ZWOB from SideKick sk-11-11-0402
9063.58ft: ROTATING
9071.00ft: PVT Horn Enabled
9111.29ft: SURVEY AT 9058 INC 1.2 AZI 249.0 TVD 8843
9111.29ft: Connection at 9108.6 ROTATING
9125.98ft: ZDiffPressure from SideKick sk-11-11-0402
9125.98ft: ZWOB from SideKick sk-11-11-0402
9129.99ft: MUD VIS 47.00
9129.99ft: MUD WEIGHT 9.35
9131.00ft: MUD PH 9.97
9149.64ft: SWEEP
9179.99ft: NO FLAIR
9189.80ft: FLOW CHECK
9195.01ft: MUD VIS 48.00
9196.00ft: MUD PH 10.05
9196.13ft: MUD WEIGHT 9.40
9199.64ft: HOLE DEPTH CHANGED TO 9199.5 FEET
9207.28ft: SURVEY AT 9149 INC 1.4 AZI 248.9 TVD 8934
9207.28ft: Connection at 9199.3 ROTATING
9216.11ft: SLIDING
9239.21ft: ROTATING
9241.60ft: SWEEP
9275.00ft: MUD VIS 46.00
9275.00ft: MUD WEIGHT 9.40
9275.00ft: MUD PH 10.20
9299.94ft: SURVEY AT 9240 INC 1.0 AZI 216.6 TVD 9025

9290.81ft: SURVEY AT 9240 INC 1.0 AZI 216.8 TVD 9025
9290.81ft: Connection at 9290.1 ROTATING
9307.12ft: SLIDING

9317.00ft: 008TGAS-Check dryer cable (rig air)
9320.70ft: 003TGAS-Manual flush
9321.00ft: MUD VIS 43.00
9322.01ft: MUD PH 9.90
9322.08ft: MUD WEIGHT 9.40

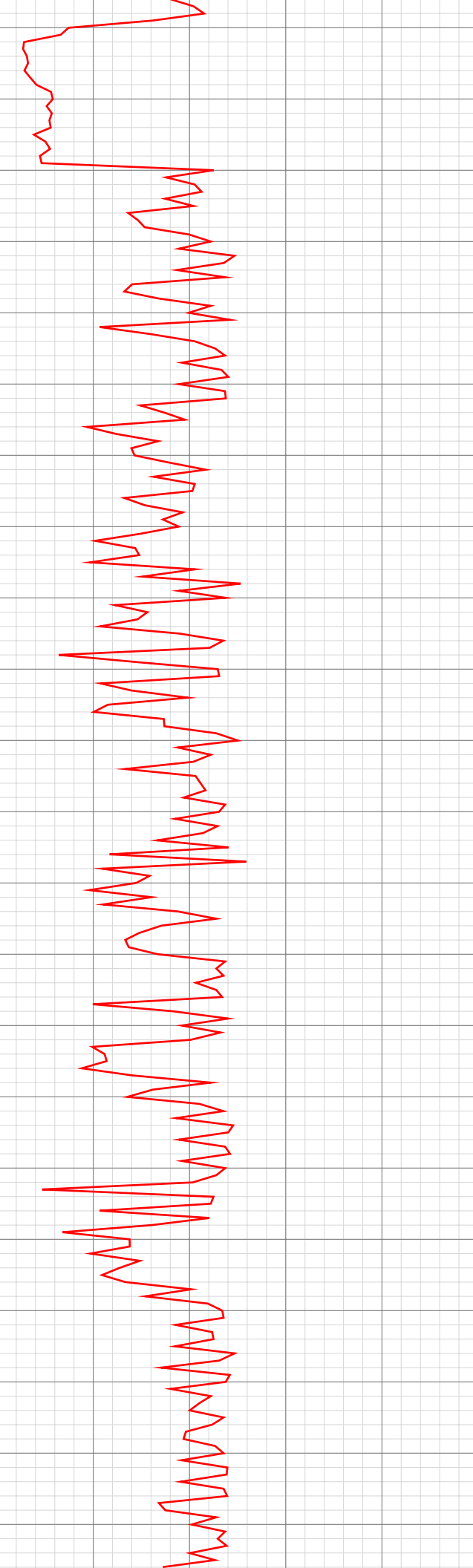
9328.71ft: ROTATING SWEEP

9384.55ft: SURVEY AT 9330 INC 0.2 AZI 350.3 TVD 9115
9384.55ft: Connection at 9380.8 ROTATING SWEEP
9389.01ft: MUD WEIGHT 9.40
9389.01ft: MUD PH 10.10
9389.24ft: MUD VIS 41.00

9472.01ft: ZDiffPressure from SideKick sk-11-11-0402
9472.01ft: ZWOB from SideKick sk-11-11-0402
9472.28ft: SURVEY AT 9421 INC 0.4 AZI 59.8 TVD 9206
9472.28ft: Connection at 9471.5 ROTATING SWEEP

9510.93ft: NO FLAIR

01:47 9310
02:20 9320
02:45 9330
02:51 9340
02:57 9350
03:04 9360
03:11 9370
03:19 9380
03:33 9390
03:41 9400
03:49 9410
03:55 9420
04:06 9430
04:13 9440
04:19 9450
04:28 9460
04:33 9470
04:54 9480
05:02 9490
05:07 9500
05:13 9510
05:19 9520



05:28 9530
05:34 9540
05:39 9550
05:45 9560
05:58 9570
06:04 9580
06:10 9590
06:17 9600
06:27 9610
06:36 9620
06:43 9630
06:49 9640
06:56 9650
07:28 9660
07:35 9670
07:46 9680
07:55 9690
08:00 9700
08:09 9710
08:18 9720
08:28 9730
08:38 9740



9560.99ft: TRANSFERRED 50.00
9563.75ft: PVT Horn Disabled
9564.37ft: SURVEY AT 9512 INC 0.3 AZI 187.5 TVD 9297
9564.37ft: Connection at 9562.2 ROTATING SWEEP
9564.99ft: PVT Horn Enabled

9639.01ft: MUD VIS 0.49
9639.01ft: MUD WEIGHT 9.40
9639.99ft: MUD PH 10.50

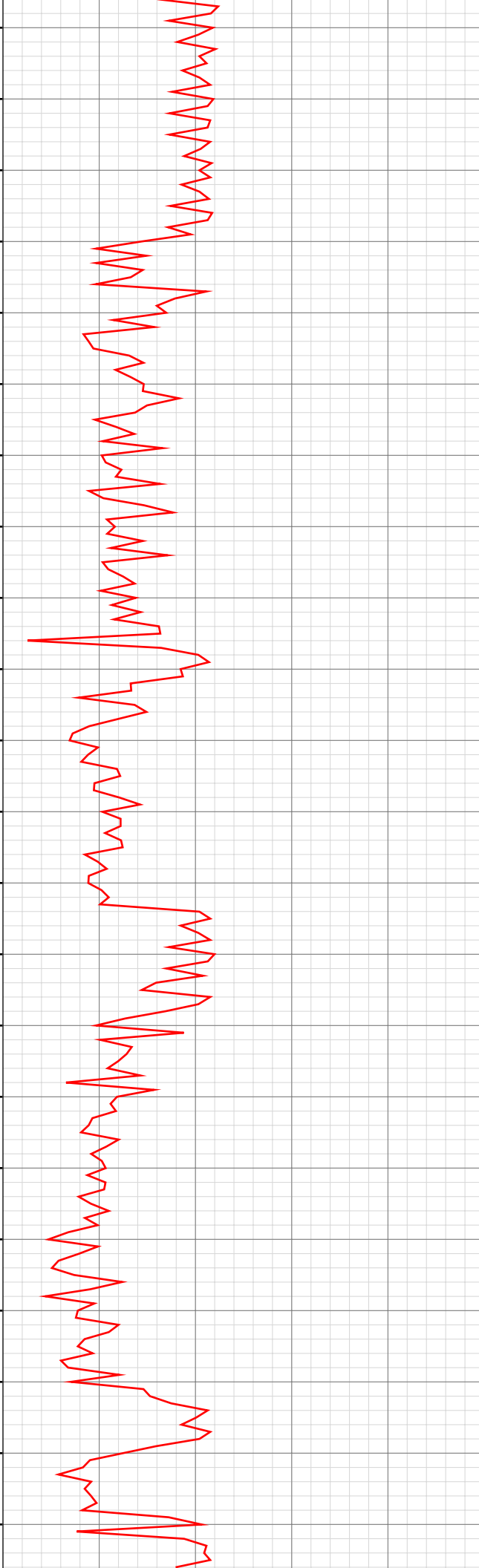
9652.99ft: PVT Horn Disabled
9653.22ft: SURVEY 9602 .5 INC 192.7 AZ
9653.22ft: GETTING SPR'S
9654.99ft: ZDiffPressure from SideKick sk-11-11-0402
9654.99ft: ZWOB from SideKick sk-11-11-0402
9656.53ft: Connection at 9652.8
9656.99ft: IN TALLY: HOLE DEPTH SET TO 9652.8
9658.99ft: MUD VIS 0.47
9658.99ft: MUD PH 10.31
9662.01ft: PVT Horn Enabled
9664.01ft: MUD WEIGHT 9.40

9688.29ft: SENT SWEEP X2

9714.01ft: 008TGAS-Check dryer cable (rig air)

9743.01ft: ZWOB from SideKick sk-11-11-0402
9743.01ft: ZDiffPressure from SideKick sk-11-11-0402
9743.24ft: VIS42
9743.24ft: WT. 9.4 PH 10..01

08:58 9750
09:04 9760
09:10 9770
09:17 9780
09:26 9790
09:35 9800
09:45 9810
09:55 9820
10:06 9830
10:26 9840
10:37 9850
10:49 9860
11:00 9870
11:08 9880
11:16 9890
11:26 9900
11:51 9910
12:06 9920
12:35 9930
12:49 9940
12:55 9950
13:08 9960



9743.24ft: SURVEY 9693 1.0 INC 232.3 AZ
9743.24ft: Connection at 9743.5

9754.99ft: PVT Horn Enabled

9765.95ft: GAS BUSTER OFF LINE\

9793.04ft: SENT SWEEP

9835.01ft: MUD VIS 0.46
9835.01ft: MUD WEIGHT 9.40
9835.01ft: MUD PH 9.64
9835.01ft: ZDiffPressure from SideKick sk-11-11-0402
9835.01ft: ZWOB from SideKick sk-11-11-0402
9835.30ft: SURVEY 9784 2.1 INC 229.7 AZ
9835.30ft: Connection at 9834.8
9838.19ft: SENT SWEEP

9881.99ft: MUD VIS 0.42
9883.01ft: MUD WEIGHT 9.30
9883.01ft: MUD PH 9.62

9902.00ft: ZDiffPressure from SideKick sk-11-11-0402
9902.17ft: PVT Horn Disabled
9902.17ft: ZWOB from SideKick sk-11-11-0402

9908.60ft: SENT SWEEP

9920.90ft: TRANSFERING FROM PREMIX TO ACTIVE
9927.00ft: ZDiffPressure from SideKick sk-11-11-0402
9927.00ft: PVT Horn Disabled
9927.00ft: PVT Horn Enabled
9927.40ft: SURVEY 9875 2.0 INC 239.3 AZ
9927.40ft: ZWOB from SideKick sk-11-11-0402
9927.40ft: Connection at 9925.5
9927.99ft: IN TALLY: HOLE DEPTH SET TO 9925.5
9928.81ft: SENT SWEEP

13:17 9970
13:29 9980
13:37 9990
13:45 10000
13:57 10010
14:25 10020
14:39 10030
14:53 10040
15:05 10050
15:19 10060
15:35 10070
15:51 10080
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10090



9973.03ft: SENT SWEEP

10016.01ft: 008TGAS-Check dryer cable (rig air)
10016.01ft: ZDiffPressure from SideKick sk-11-11-0402
10016.01ft: PVT Horn Enabled
10016.63ft: SURVEY 9966 1.9 INC 242.7 AZ
10016.63ft: TRANSFERING FROM PREMIX TO ACTIVE
10016.63ft: PVT Horn Disabled
10016.63ft: ZWOB from SideKick sk-11-11-0402
10016.93ft: Connection at 10016.2
10017.00ft: IN TALLY: HOLE DEPTH SET TO 10016.2
10017.91ft: SENT SWEEP
10056.82ft: SENT SWEEP
10083.99ft: PVT Horn Disabled
10083.99ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
10083.99ft: ZERO ALL PUMPS from SideKick sk-11-11-0565
10083.99ft: 021TGAS 04100442 SW0.30 HW30.00 - 98 days on
10083.99ft: 008TGAS-Check dryer cable (rig air)
10083.99ft: 003TGAS-Manual flush
10083.99ft: MUD VIS 49.00
10083.99ft: MUD WEIGHT 9.40
10083.99ft: MUD PH 10.00
10083.99ft: PVT Horn Disabled
10083.99ft: TRANSFERRED 170.00
10083.99ft: 008TGAS-Check dryer cable (rig air)
10083.99ft: MUD PH 10.80
10083.99ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
10083.99ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
10083.99ft: BIT DEPTH CHANGED TO 5665.0 FEET
10083.99ft: 008TGAS-Check dryer cable (rig air)
10083.99ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
10083.99ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
10083.99ft: BIT DEPTH CHANGED TO 8745.0 FEET
10083.99ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
10083.99ft: BIT DEPTH CHANGED TO 10016.0 FEET
10084.09ft: SURVEY 10032 1.6 INC 246.7 AZ
10084.09ft: GETTING TD SURVEY
10084.09ft: DRAINING GAS BUSTER
10084.09ft: 30 MIN FLOW CHECK
10084.09ft: SWEEP
10084.09ft: PUMP PILL
10084.09ft: B. DOWN ST.PIPE
10084.09ft: FILL TRIP TANK
10084.09ft: 15 MIN FLOW CHECK
10084.09ft: TRANSFERRED 170.00
10084.09ft: FLOW CHECK
10084.09ft: HIT BY LIGHTING CHECKING CROWN
10084.09ft: FILL TRIP TANK
10084.09ft: lighting hit close to location check crown to verify
10084.09ft: FLOW CHECK
10084.09ft: ZERO ALL PUMPS from SideKick sk-11-11-0402
10084.09ft: FILL PIPE
10084.09ft: MUD VIS 56.00
10084.09ft: MUD WEIGHT 9.45
10084.09ft:
10084.09ft: ,
10087.99ft: PVT Horn Enabled