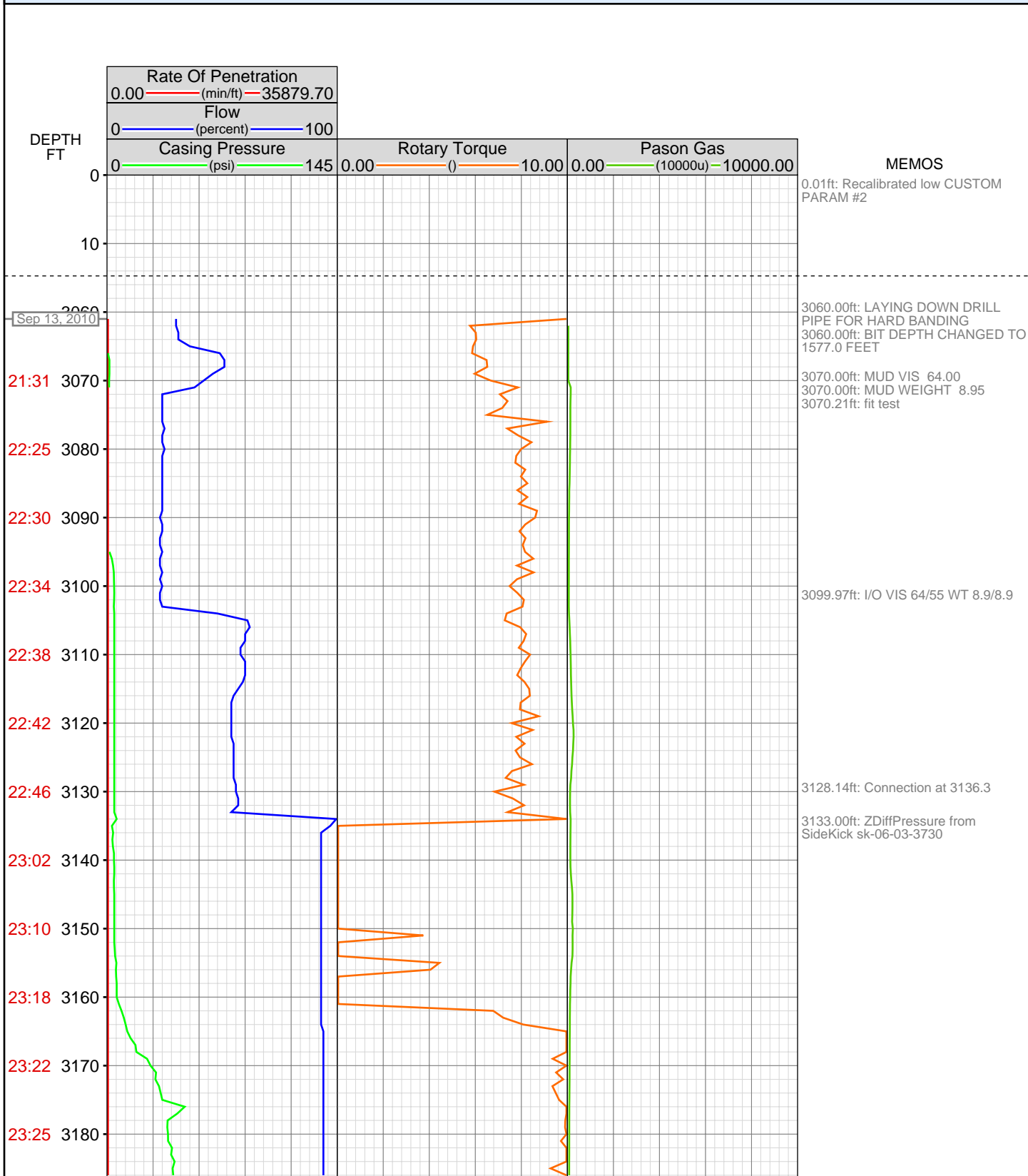


DataHub EDR Log

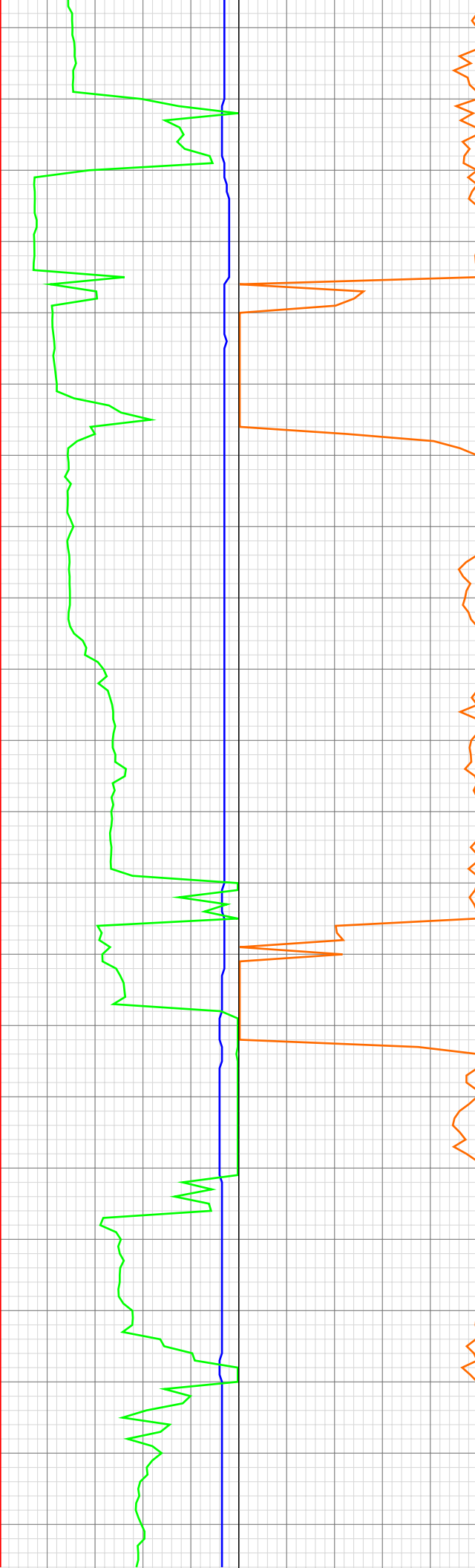
Thu Sep 23, 2010 09:29:42
Well Dossier 1284358727
Marilyn Tucker

OPERATOR: EnCana Oil & Gas (USA), Inc.
WELL: SGU 8507 A-25 F- 25 496
FIELD:
LOCATION: SEC. 25-T4S-R96W
COUNTRY: USA
RIG: Pat-UTI 306

CONTRACTOR: Patterson-UTI Drilling Company
UNIQUE WELL ID: 05 045 1916100
SPUD DATE: Sep 13, 2010 23:00
RELEASE DATE:



23:28 3190
23:32 3200
23:35 3210
23:37 3220
23:55 3230
Sep 14, 2010
00:04 3240
00:11 3250
00:13 3260
00:15 3270
00:18 3280
00:21 3290
00:24 3300
00:27 3310
00:45 3320
00:52 3330
00:57 3340
00:59 3350
01:02 3360
01:04 3370
01:07 3380
01:09 3390
01:11 3400

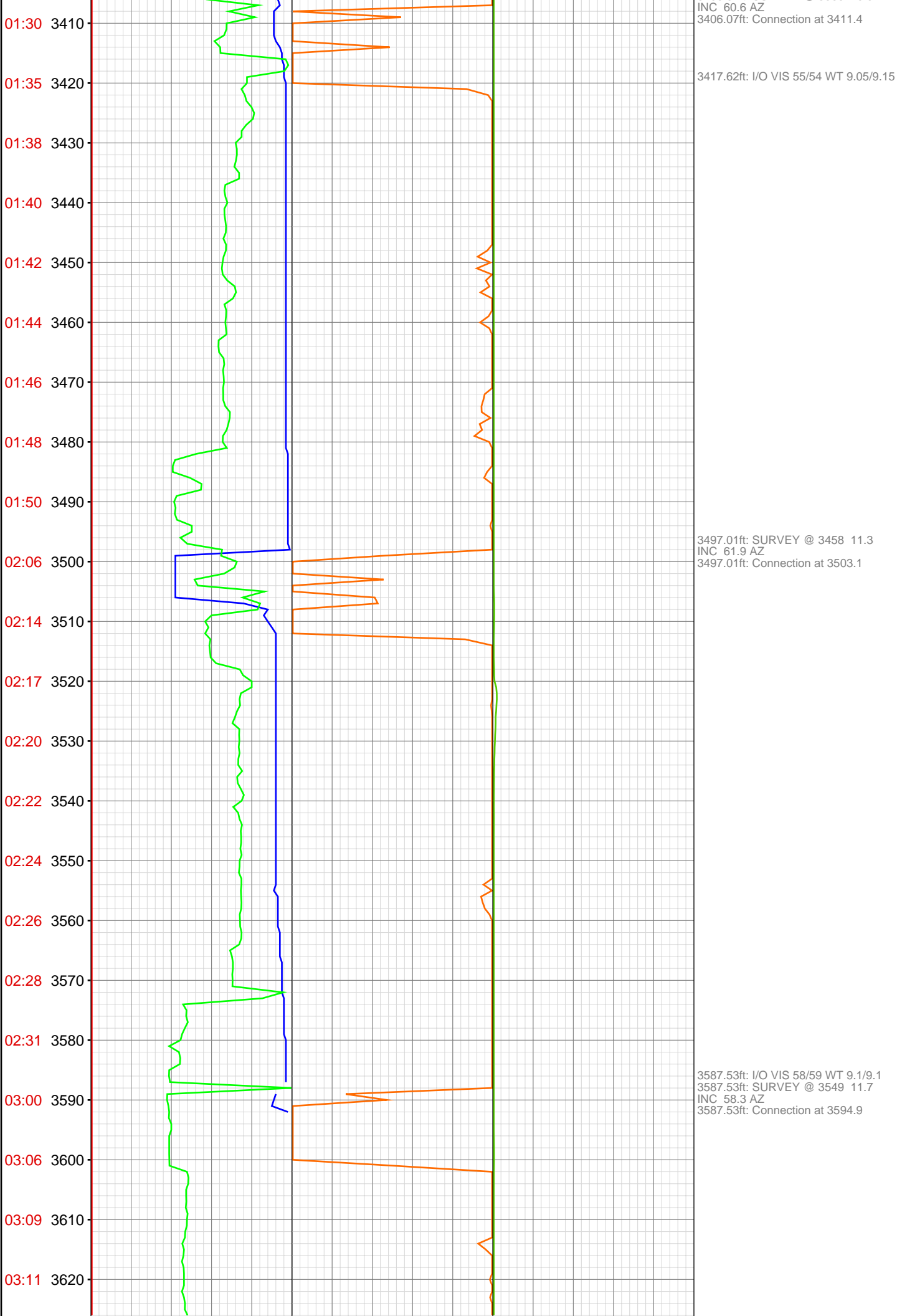


3224.60ft: SURVEY @ 3182 8.3 INC
67.6 AZ Connection at 3227.9

3232.60ft: I/O VIS 64/55 WT 9.0/9.0
MAKE UP WATER 20 GAL/MIN

3314.86ft: SURVEY @ 3274 9.6 INC
61.1 AZ
3314.86ft: Connection at 3319.7
3314.86ft: I/O VIS 62/68 WT 9.0/9.05

3406.07ft: SURVEY @ 3366 10.9



03:14 3630
03:16 3640
03:18 3650
03:20 3660
03:22 3670
03:35 3680
03:37 3690
03:42 3700
04:26 3710
04:31 3720
04:36 3730
04:39 3740
04:42 3750
04:45 3760
04:49 3770
05:11 3780
05:17 3790
05:19 3800
05:22 3810
05:25 3820
05:28 3830
05:30 3840



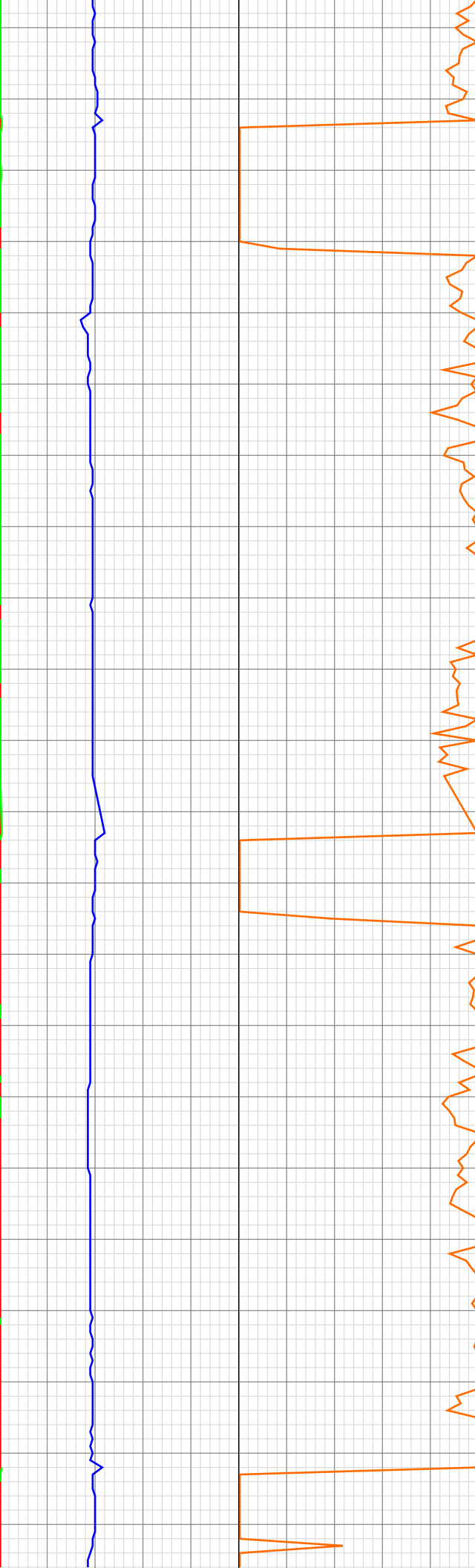
3678.97ft: I/O VIS 57/60 WT 9.1/9.15
3679.07ft: Connection at 3686.7
3679.07ft: SURVEY @ 3641 12.6 INC
61.2 AZ

3701.25ft: unplug flow line

3739.99ft: MUD VIS 59.00
3741.27ft: MUD WEIGHT 9.10

3771.88ft: SURVEY @ 3733 10.9
INC 60.7 AZ.
3775.98ft: MUD WEIGHT 9.05
3776.48ft: Connection at 3778.4
3777.00ft: MUD VIS 57.00
3778.64ft: PUMPING CELLAR

05:33 3850
05:35 3860
05:56 3870
06:02 3880
06:05 3890
06:07 3900
06:10 3910
06:12 3920
06:15 3930
06:18 3940
06:20 3950
06:37 3960
06:41 3970
06:45 3980
06:48 3990
06:50 4000
06:52 4010
06:54 4020
06:57 4030
06:59 4040
07:01 4050
07:22 4060



3862.99ft: SURVEY @ 3820 10.9
INC. 61.2 AZ.
3862.99ft: Connection at 3870.2

3886.38ft: PUMP SWEEP

3914.99ft: MUD WEIGHT 9.10
3914.99ft: MUD VIS 59.00

3954.99ft: IN TALLY: HOLE DEPTH
SET TO 3962.0
3955.28ft: Connection at 3962.0
3955.28ft: SURVEY @ 3917 11.2
INC. 67.6 AZ.

4051.41ft: SURVEY @ 4008 10.6
INC. 65.2 AZ.
4051.41ft: Connection at 4053.7
4054.00ft: PVT Horn Enabled

4064.01ft: MUD WEIGHT 9.10
4064.01ft: MUD VIS 57.00

07:32 4070
07:35 4080
07:38 4090
07:40 4100
07:42 4110
07:45 4120
07:47 4130
07:50 4140
08:09 4150
08:16 4160
08:24 4170
08:27 4180
08:29 4190
08:31 4200
08:33 4210
08:36 4220
08:38 4230
10:04 4240
10:06 4250
10:08 4260
10:10 4270
10:13 4280



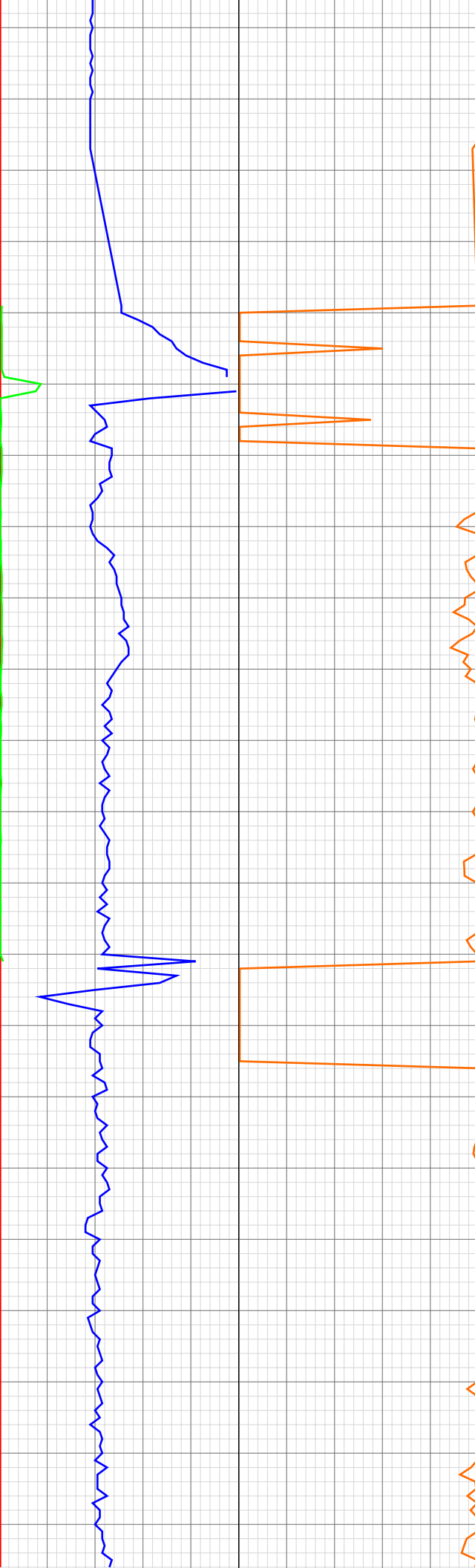
4142.82ft: Connection at 4145.4
4142.82ft: SURVEY @ 4100 9.5 INC.
65.6 AZ.

4149.51ft: PUMP SWEEP

4208.01ft: MUD WEIGHT 9.10
4208.01ft: MUD VIS 59.00

4233.01ft: adjust time
4233.01ft: ADJUST TIME
4233.01ft: Connection at 4237.2
4233.01ft: IN TALLY: HOLE DEPTH
SET TO 4237.2

10:15 4290
10:17 4300
11:35 4310
11:35 4320
11:36 4330
11:41 4340
11:49 4350
11:52 4360
11:54 4370
11:57 4380
11:59 4390
12:01 4400
12:03 4410
12:05 4420
13:36 4430
13:41 4440
13:43 4450
13:45 4460
13:48 4470
13:51 4480
13:54 4490
13:57 4500



4306.99ft: IN TALLY: HOLE DEPTH
SET TO 4328.9
4306.99ft: MUD WEIGHT 9.10
4306.99ft: MUD VIS 0.05
4306.99ft: MUD VIS 58.00

4328.94ft: wait on rig 308
4328.94ft: wait on rig 308 dir work
4328.94ft: START AIR PILLS
4328.94ft: 400CFM PARA

4336.78ft: Connection at 4328.9

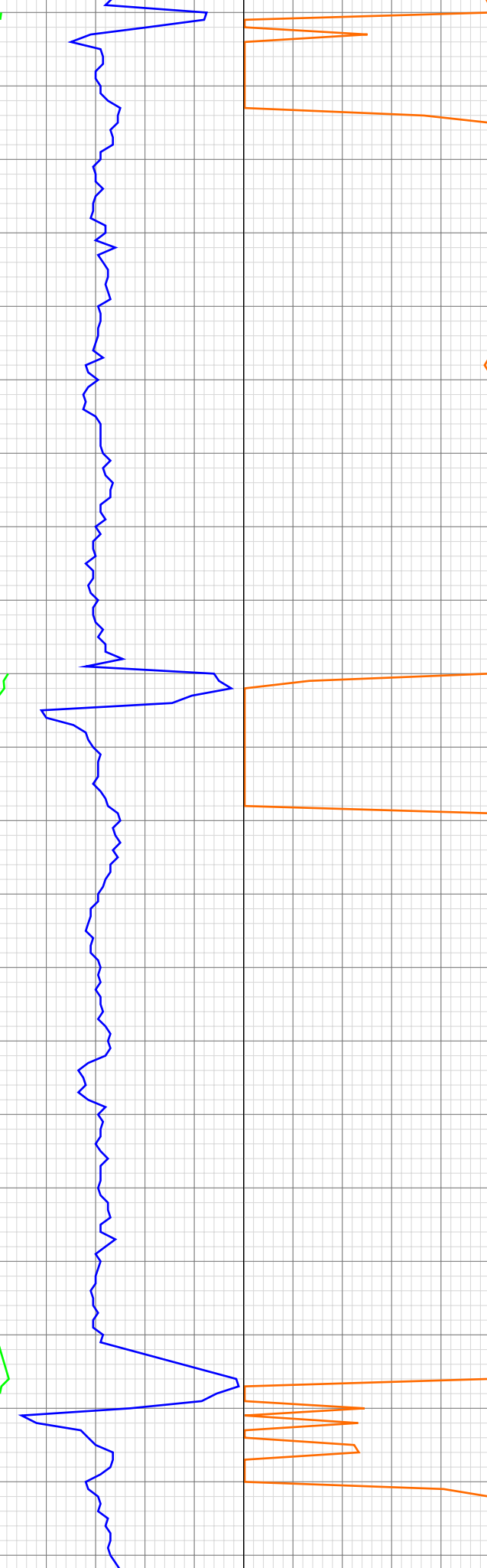
4348.00ft: ZWOB from SideKick
sk-06-03-3730
4348.00ft: ZDiffPressure from
SideKick sk-06-03-3730

4363.12ft: 800CFM PARA

4420.01ft: MUD WEIGHT 9.10
4420.01ft: MUD VIS 55.00
4420.01ft: MUD WEIGHT 0.01
4420.01ft: MUD WEIGHT 9.10
4420.01ft: MUD VIS 58.00
4420.37ft: wait on rig 308 dir work
4420.37ft: wait on rig 308 dir. work
4420.37ft: wait on rig 308 dir. work
4420.37ft: wait on rig 308 dir. work
4420.37ft: Connection at 4420.7
4420.37ft: SURVEY @ 4375 12.7
INC. 61.9 AZ.

4504.13ft: transfer 100 bbls

14:13 4510
14:21 4520
14:25 4530
14:27 4540
14:29 4550
14:31 4560
14:33 4570
14:35 4580
14:37 4590
14:54 4600
14:59 4610
15:05 4620
15:07 4630
15:08 4640
15:10 4650
15:12 4660
15:14 4670
15:16 4680
15:18 4690
16:36 4700
16:42 4710
16:45 4720



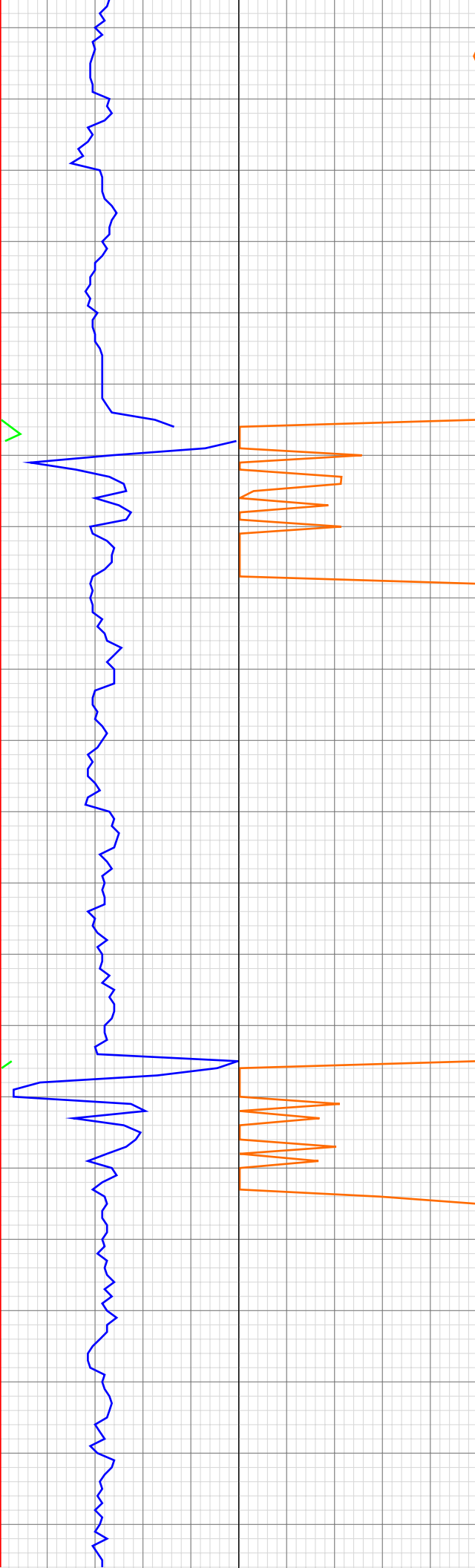
4509.74ft: SURVEY @ 4467 12.5
INC. 63.2 AZ.
4509.74ft: Connection at 4512.3

4552.99ft: PUMP SWEEP

4597.01ft: MUD WEIGHT 9.10
4597.01ft: MUD VIS 57.00
4599.67ft: Connection at 4604.0

4691.01ft: MUD VIS 9.05
4691.01ft: MUD VIS 61.00
4691.01ft: IN TALLY: HOLE DEPTH
SET TO 4695.7
4691.44ft: wait on rig 308 dir. work
4691.44ft: waiting on 308 to slide
4691.44ft: wait on rig 308 dir. work
4691.44ft: Connection at 4695.7
SURVEY @ 4650 13.1 INC. 66.3
AZ.

16:47 4730
16:49 4740
16:51 4750
16:53 4760
16:55 4770
16:58 4780
17:16 4790
17:26 4800
17:32 4810
17:34 4820
17:36 4830
17:38 4840
17:41 4850
17:43 4860
17:45 4870
18:08 4880
18:17 4890
18:21 4900
18:23 4910
18:25 4920
18:27 4930
18:29 4940



4772.15ft: PUMP SWP

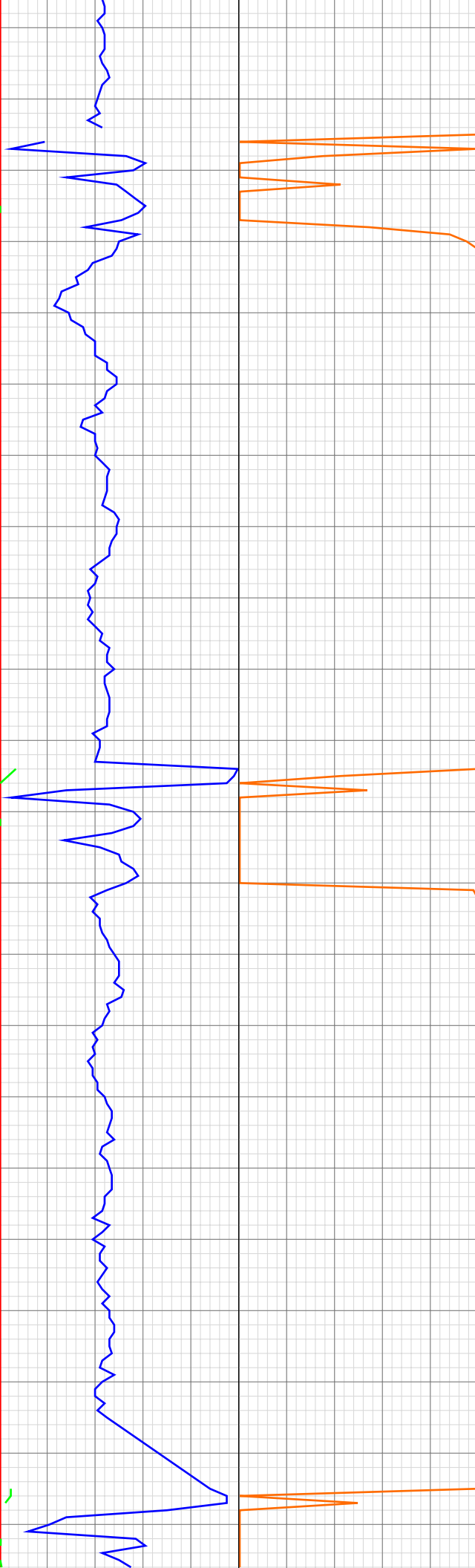
4784.78ft: Connection at 4787.4
4785.83ft: SURVEY @ 4742 11.3
INC. 67 AZ.

4809.28ft: 800CFM PARA

4827.72ft: I/O VIS 53/57 WT 9.2/9.3

4874.18ft: Connection at 4879.3

18:31 4950
18:33 4960
18:58 4970
19:07 4980
19:09 4990
19:12 5000
19:15 5010
19:17 5020
19:20 5030
19:22 5040
19:24 5050
20:20 5060
20:27 5070
20:30 5080
20:32 5090
20:34 5100
20:36 5110
20:38 5120
20:40 5130
20:42 5140
20:55 5150
20:57 5160



4956.76ft: I/O VIS 53/52 WT 9.2/9.3

4964.96ft: SURVEY @ 4834 12.3
INC 62.6 AZ
4964.96ft: Connection at 4971.1

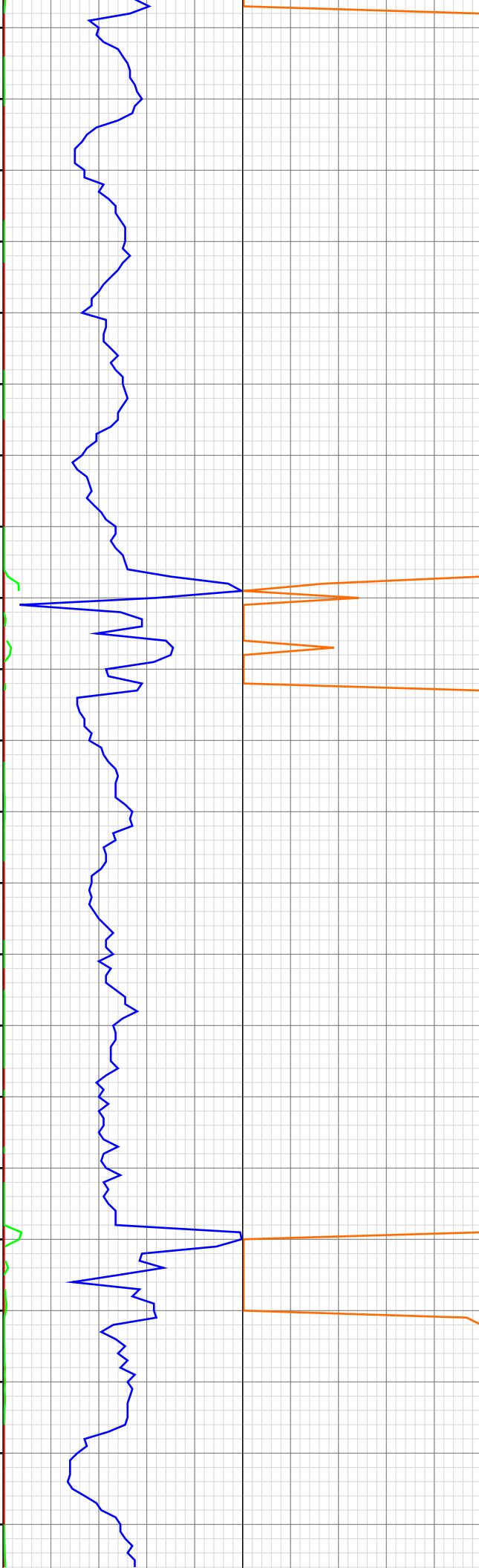
4978.08ft: 800 CFM PARA

5053.15ft: I/O VIS 60/63 WT 9.25/9.3
5053.15ft: WAIT ON 308 TO SLIDE
5053.15ft: SURVEY @ 5017 12.4
INC 61.5 AZ
5053.15ft: Connection at 5062.9

5124.97ft: I/O VIS 60/64 WT 9.2/9.25

5145.01ft: IN TALLY: HOLE DEPTH
SET TO 5154.7
5145.08ft: SURVEY @ 5109 13.1
INC 61.8 AZ
5145.08ft: Connection at 5154.7

21:08 5170
21:10 5180
21:12 5190
21:14 5200
21:16 5210
21:19 5220
21:21 5230
21:23 5240
21:38 5250
21:48 5260
21:55 5270
21:57 5280
21:59 5290
22:00 5300
22:02 5310
22:04 5320
22:06 5330
22:41 5340
22:50 5350
22:55 5360
22:56 5370
22:59 5380



5246.46ft: SURVEY @ 5201 11.7
INC 61.5 AZ
5246.46ft: Connection at 5246.2
5248.29ft: I/O VIS 55/60 WT 9.25/9.25

5258.01ft: 021TGAS 01050138
SW0.30 HW25.00 - 102 days on

5338.16ft: 800 CFM PARA WAIT ON
308 SLIDEING
5338.16ft: SURVEY @ 5293 12.4
INC 60.1 AZ Connection at 5338.1
5338.16ft: I/O VIS 60/63 WT 9.2/9.3

5350.03ft: PUMP SWEEP

23:00 5390
23:02 5400
23:04 5410
23:06 5420
23:31 5430
23:39 5440
23:44 5450
23:46 5460
23:49 5470
23:53 5480
23:56 5490
23:59 5500
00:02 5510
00:05 5520
00:25 5530
00:32 5540
00:33 5550
00:35 5560
00:37 5570
00:40 5580
00:42 5590
00:45 5600

Sep 15, 2010



5428.71ft: 308 SLIDEING
5428.71ft: SURVEY @ 5384 12.1
INC 62.5 AZ
5428.71ft: Connection at 5429.9

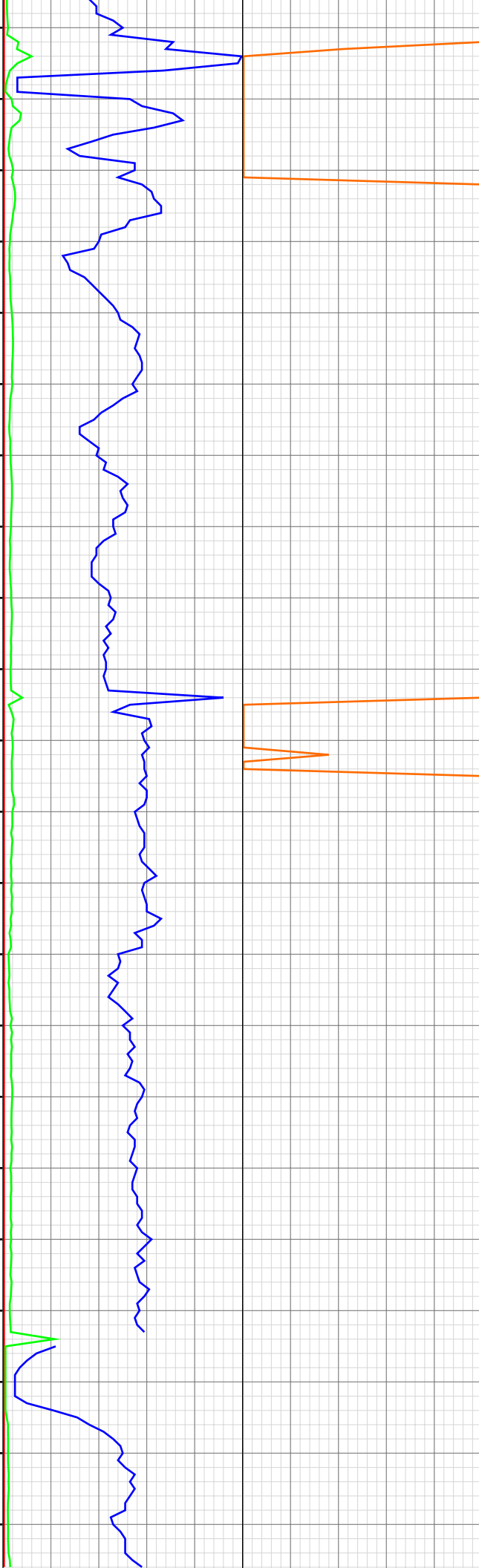
5439.37ft: I/O VIS 55/60 WT 9.2/9.4

5520.70ft: 800 CFM PARA SURVEY
@ 5476 12.6 INC 64.1 AZ
5520.70ft: Connection at 5521.4

5533.01ft: ZWOB from SideKick
sk-06-03-3730

5575.56ft: I/O VIS 55/60 WT 9.2/9.3

00:47 5610
01:29 5620
01:34 5630
01:37 5640
01:39 5650
01:41 5660
01:43 5670
01:45 5680
01:48 5690
01:51 5700
02:12 5710
02:18 5720
02:20 5730
02:22 5740
02:24 5750
02:26 5760
02:28 5770
02:30 5780
02:32 5790
02:49 5800
02:51 5810
02:54 5820



5611.94ft: 308 SLIDEING
5611.94ft: SURVEY @ 5568 12.5
INC 63.8 AZ
5611.94ft: Connection at 5613.2

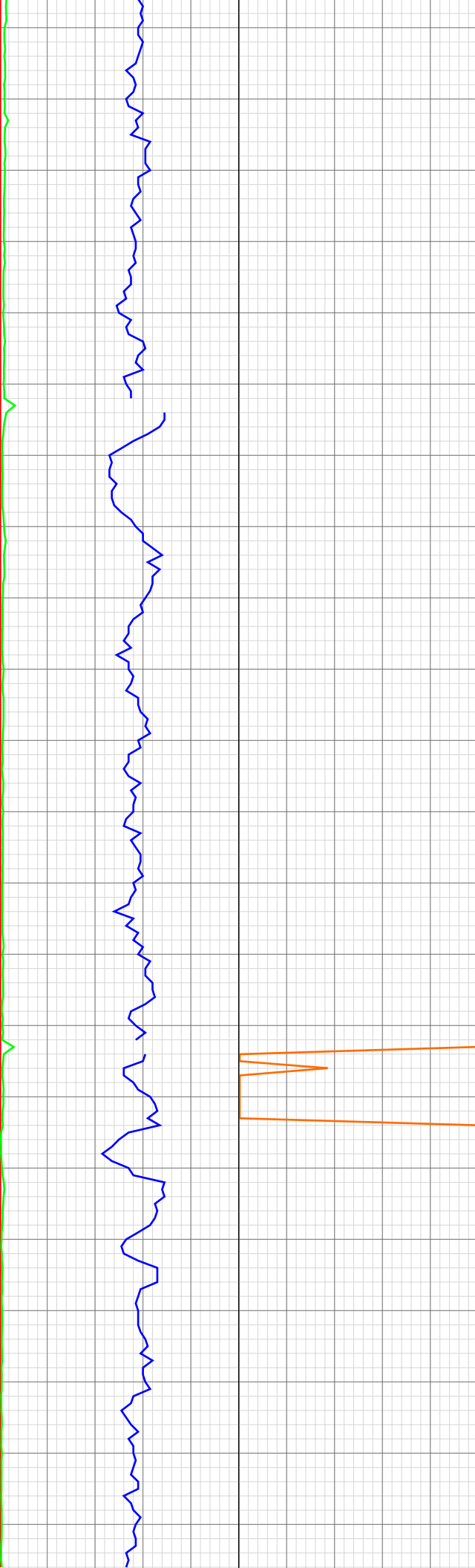
5644.98ft: I/O VIS 58/55 WT 9.2/9.25

5703.31ft: SURVEY @ 5659 12.0
INC 66.1 AZ
5703.31ft: Connection at 5704.9
5704.79ft: 1000 CFM PARA

5712.57ft: PUMP SWEEP

5793.54ft: I/O VIS 59/54 WT 9.2/9.2
5793.54ft: SURVEY @ 5751 12.5
INC 65.7 AZ
5793.54ft: Connection at 5796.6

02:57 5830
03:00 5840
03:02 5850
03:04 5860
03:06 5870
03:11 5880
03:37 5890
03:39 5900
03:41 5910
03:43 5920
03:45 5930
03:47 5940
03:50 5950
03:52 5960
03:54 5970
04:21 5980
04:30 5990
04:33 6000
04:38 6010
04:41 6020
04:43 6030
04:45 6040

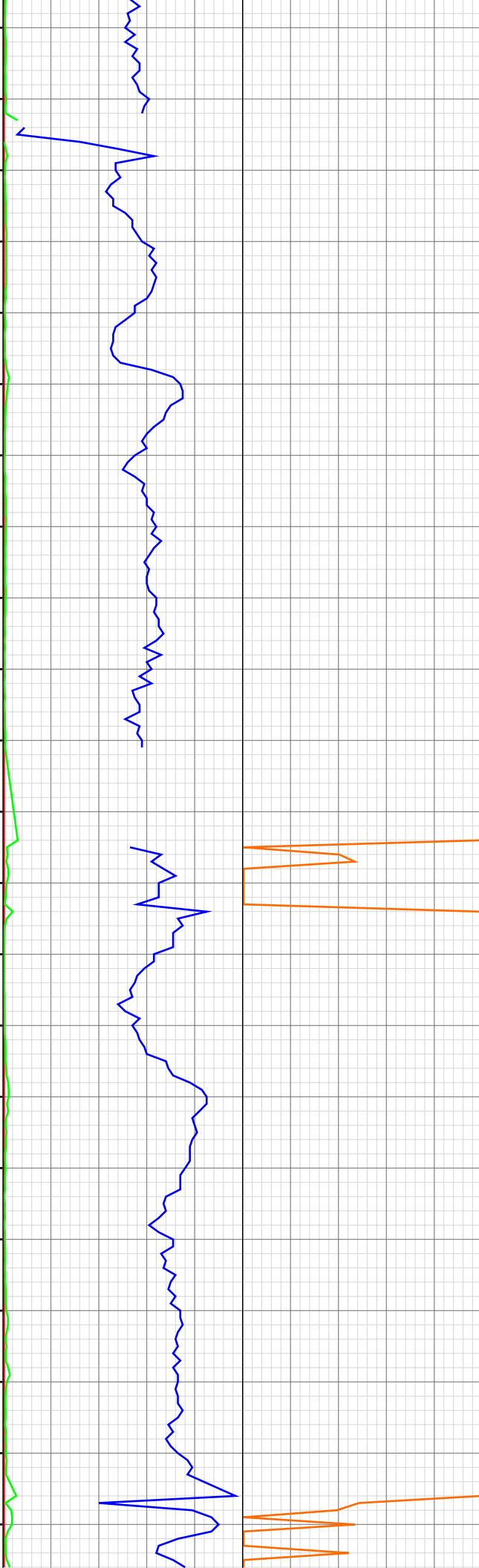


5883.01ft: SURVEY @ 5843 11.6
INC 66.3 AZ
5883.01ft: Connection at 5888.4
5883.01ft: 1000 CFM PARA
5883.01ft: I/O VIS 55/55 WT 9.2/9.3

5972.18ft: Connection at 5980.0
5972.18ft: SURVEY @ 5935 10.6
INC 65.9 AZ

5982.71ft: I/O VIS 56/59 WT 9.2/9.25

04:47 6050
04:49 6060
05:09 6070
05:11 6080
05:13 6090
05:16 6100
05:19 6110
05:21 6120
05:24 6130
05:25 6140
05:28 6150
05:41 6160
05:52 6170
06:00 6180
06:03 6190
06:06 6200
06:08 6210
06:11 6220
06:13 6230
06:16 6240
06:18 6250
06:42 6260



6062.83ft: SURVEY @ 6026 10.9
INC 65.8 AZ
6062.83ft: Connection at 6071.7

6087.20ft: 1100 CFM PARA

6150.98ft: IN TALLY: HOLE DEPTH
SET TO 6163.4
6151.61ft: Connection at 6163.4
6151.61ft: SURVEY @ 6118 10.3 INC
67.0 AZ

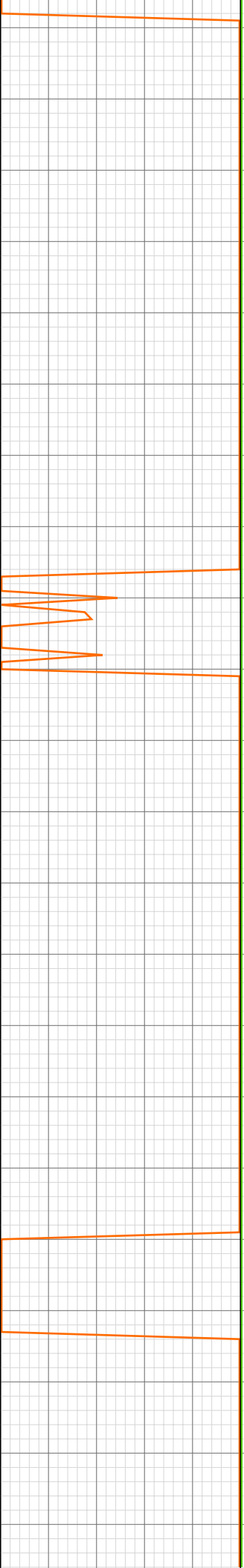
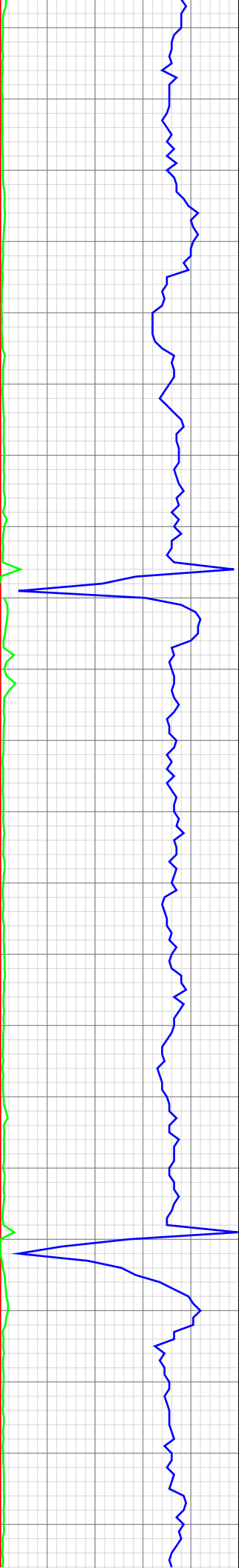
6165.65ft: PUMPING CELLARS

6182.38ft: 1800 CFM PARA

6198.00ft: MUD VIS 52.00
6198.23ft: MUD WEIGHT 9.20

6252.99ft: IN TALLY: HOLE DEPTH
SET TO 6255.0
6255.02ft: SURVEY @ 6210 10.0
INC. 66.0 AZ.
6255.02ft: Connection at 6255.0
6256.43ft: transfer 200 bbls TO
ACTIVE

06:52 6270
06:55 6280
06:58 6290
07:00 6300
07:03 6310
07:07 6320
07:11 6330
07:14 6340
07:36 6350
07:44 6360
07:46 6370
07:49 6380
07:51 6390
07:54 6400
07:56 6410
08:00 6420
08:03 6430
08:23 6440
08:29 6450
08:35 6460
08:37 6470
08:40 6480



6279.92ft: LCM SWEEP

6297.08ft: H2O 20GPM

6311.68ft: MUD VIS 47.00
6312.99ft: MUD WEIGHT 9.15

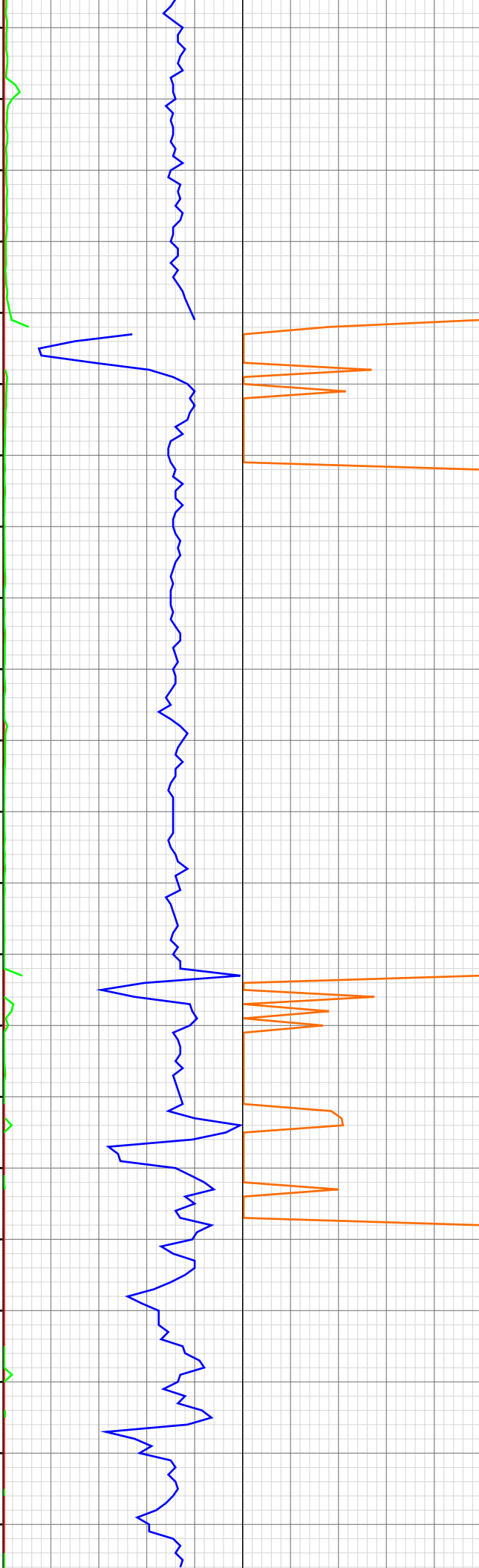
6345.80ft: Connection at 6346.8
6345.80ft: SURVEY @ 6301 10.3
INC. 63.7 AZ.

6366.01ft: MUD VIS 47.00
6366.01ft: MUD WEIGHT 9.20

6437.01ft: IN TALLY: HOLE DEPTH
SET TO 6438.7
6438.71ft: Connection at 6438.7

6477.49ft: LCM SWEEP

08:43 6490
08:46 6500
08:50 6510
08:55 6520
09:11 6530
09:22 6540
09:27 6550
09:32 6560
09:35 6570
09:38 6580
09:40 6590
09:43 6600
09:46 6610
09:50 6620
10:39 6630
10:48 6640
10:59 6650
11:08 6660
11:13 6670
11:18 6680
11:20 6690
11:23 6700



6490.58ft: transfer 200 bbls TO ACTIVE

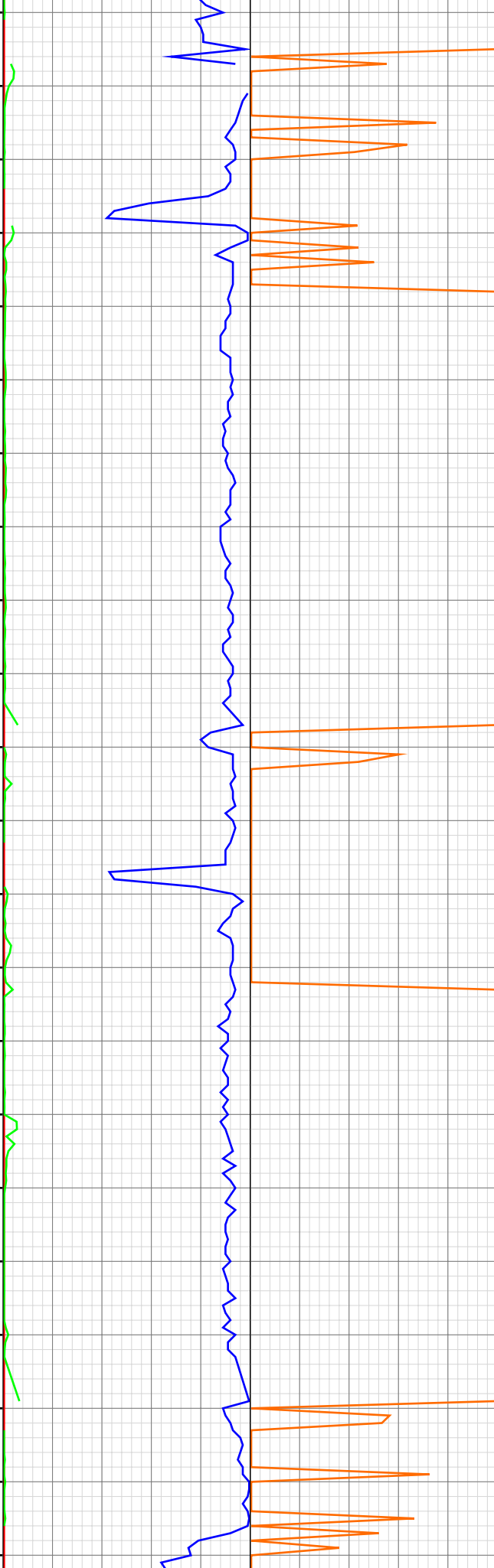
6526.38ft: 1800CFM PARA
6527.99ft: MUD VIS 53.00
6527.99ft: MUD WEIGHT 9.10
6527.99ft: IN TALLY: HOLE DEPTH SET TO 6530.5
6530.51ft: Connection at 6530.5

6622.01ft: MUD VIS 50.00
6622.01ft: MUD WEIGHT 9.10
6622.01ft: MUD VIS 45.00
6622.01ft: MUD WEIGHT 9.10
6622.47ft: WAITN ON 308 SURVEY
6622.47ft: 1800CFM PARA
6622.47ft: Connection at 6622.4
6625.53ft: SURVEY @ 8.4 INC. 64.3 AZ.

6664.96ft: LCM SWEEP
6667.85ft: transfer 200 bbls

6714.01ft: MUD VIS 53.00
6714.01ft: MUD WEIGHT 9.10
6714.01ft: MUD VIS 47.00
6714.01ft: MUD WEIGHT 8.95
6714.01ft: SURVEY WAITN ON 200

11:26 6710
13:41 6720
13:50 6730
14:00 6740
14:15 6750
14:18 6760
14:21 6770
14:24 6780
14:27 6790
14:31 6800
14:52 6810
15:03 6820
15:16 6830
15:26 6840
15:30 6850
15:33 6860
15:36 6870
15:39 6880
15:41 6890
16:24 6900
16:31 6910
16:43 6920



6714.24ft: SURVEY WAIT ON 308
6714.24ft: 1800CFM PARA 900CFM DP
6714.24ft: transfer 200 bbls
6714.24ft: wait on 308
6714.24ft: H2O OFF
6714.24ft: FRESH WATER ON PITS
IS SHUT OFF
6714.24ft: Connection at 6714.6
6714.24ft: wait on 308 SURVEY @
6669 9.2 INC. 62.3 AZ.
6722.54ft: 1800CFM PARA 900CFM DP
6727.00ft: MUD VIS 45.00
6727.00ft: MUD WEIGHT 8.95

6799.02ft: MUD VIS 48.00
6799.02ft: MUD WEIGHT 8.95

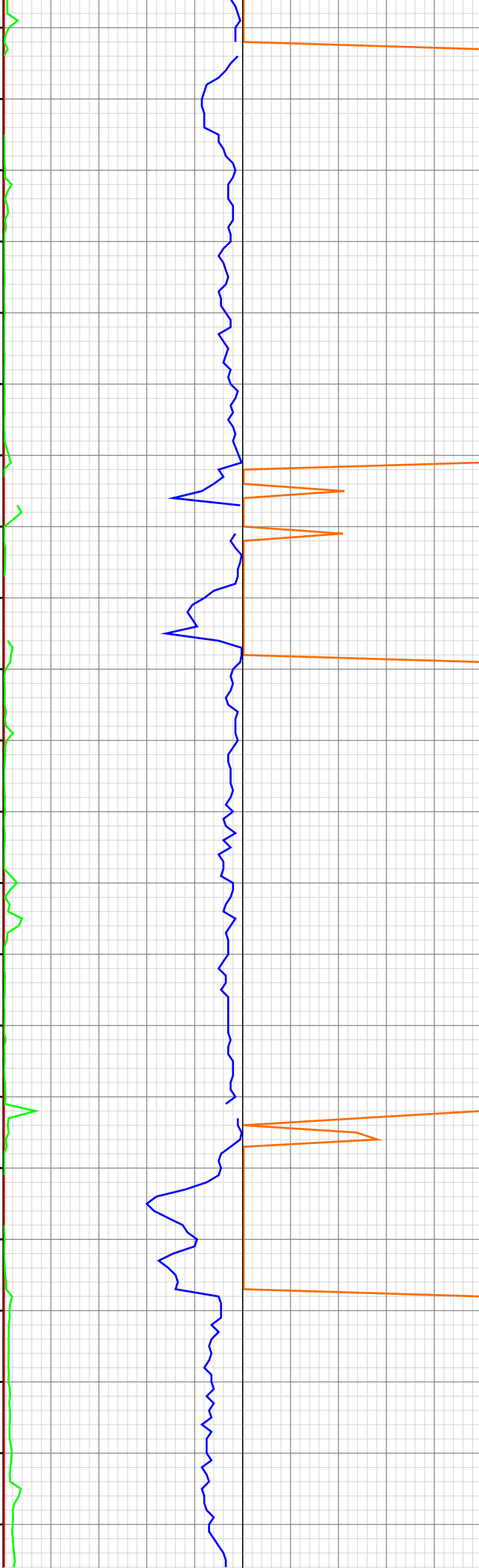
6806.37ft: IN TALLY: HOLE DEPTH
SET TO 6806.4
6806.37ft: Connection at 6806.4

6825.36ft: H2O IN AT 10GPM
6827.89ft: PUMP CELLAR

6831.92ft: 1800CFM PARA 1200CFM DP

6893.01ft: IN TALLY: HOLE DEPTH
SET TO 6898.3
6893.01ft: MUD VIS 48.00
6893.01ft: MUD WEIGHT 8.95
6893.01ft: MUD VIS 60.00
6893.01ft: MUD WEIGHT 9.00
6898.29ft: RIG SERVICE
6898.29ft: Connection at 6898.3
6900.56ft: SURVEY @ 6853 8.5 INC.
63.5 AZ.

16:52 6930
16:56 6940
16:58 6950
17:02 6960
17:05 6970
17:07 6980
17:24 6990
17:32 7000
17:43 7010
17:55 7020
17:59 7030
18:01 7040
18:03 7050
18:06 7060
18:09 7070
18:11 7080
19:47 7090
19:58 7100
20:11 7110
20:13 7120
20:15 7130
20:17 7140



6933.60ft: LCM SWEEP

6958.99ft: MUD VIS 52.00

6977.03ft: 1800CFM PARA 1200CFM DP

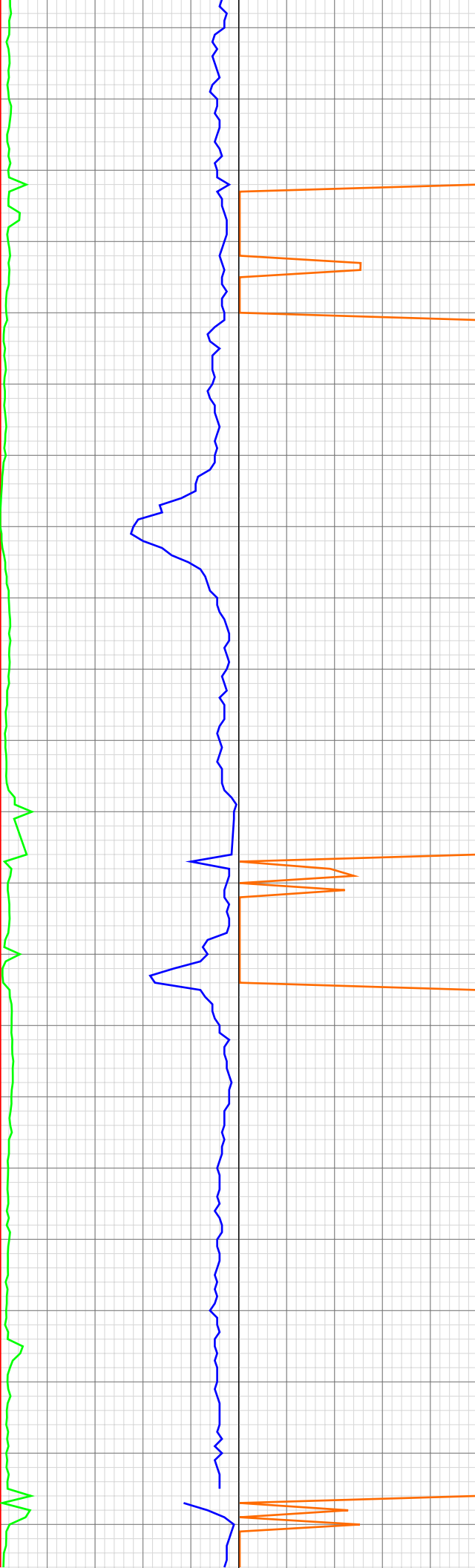
6987.99ft: IN TALLY: HOLE DEPTH SET TO 6990.2
6990.19ft: Connection at 6990.2

7014.01ft: MUD WEIGHT 9.00
7014.37ft: MUD VIS 54.00

7081.00ft: MUD VIS 55.00
7081.00ft: MUD WEIGHT 9.10
7081.33ft: ALL AIR COMPLETELY BYPASSED TO CHANGE ROTATING HEAD
7081.33ft: change out rotating rubber & level rig
7081.33ft: Connection at 7081.9
7081.33ft: SURVEY @ 7036 8.9 INC 65.2 AZ
7081.33ft: 1800 CFM PARA
7081.33ft: 1800 CFM PARA/900 CFM PARA
7084.42ft: CORRECTION 1800 CFM PARA/900 CFM D.P.
7091.01ft: TRANSFERRED 100.00
7091.57ft: 1800 CFM PARA/1200 CFM D.P.
7093.08ft: 1800 CFM PARA/1400 CFM D.P.

7106.99ft: ZDIFF from DHC
7110.01ft: MUD VIS 52.00
7110.99ft: MUD WEIGHT 9.10

20:20 7150
20:22 7160
20:24 7170
21:15 7180
21:25 7190
21:27 7200
21:29 7210
21:32 7220
21:34 7230
21:36 7240
21:38 7250
21:41 7260
22:04 7270
22:18 7280
22:26 7290
22:28 7300
22:31 7310
22:33 7320
22:36 7330
22:38 7340
22:40 7350
23:33 7360



7153.81ft: 1800 CFM PARA/900 CFM D.P.

7167.78ft: 1800 CFM PARA/1400 CFM D.P.

7171.95ft: WAIT ON RIG #308
7171.95ft: SURVEY @ 7128 10.2 INC 66.0 AZ

7171.95ft: Connection at 7173.6 CFM D.P.

7177.99ft: MUD VIS 52.00
7177.99ft: MUD WEIGHT 9.10

7241.01ft: MUD WEIGHT 9.10
7241.99ft: MUD VIS 58.00

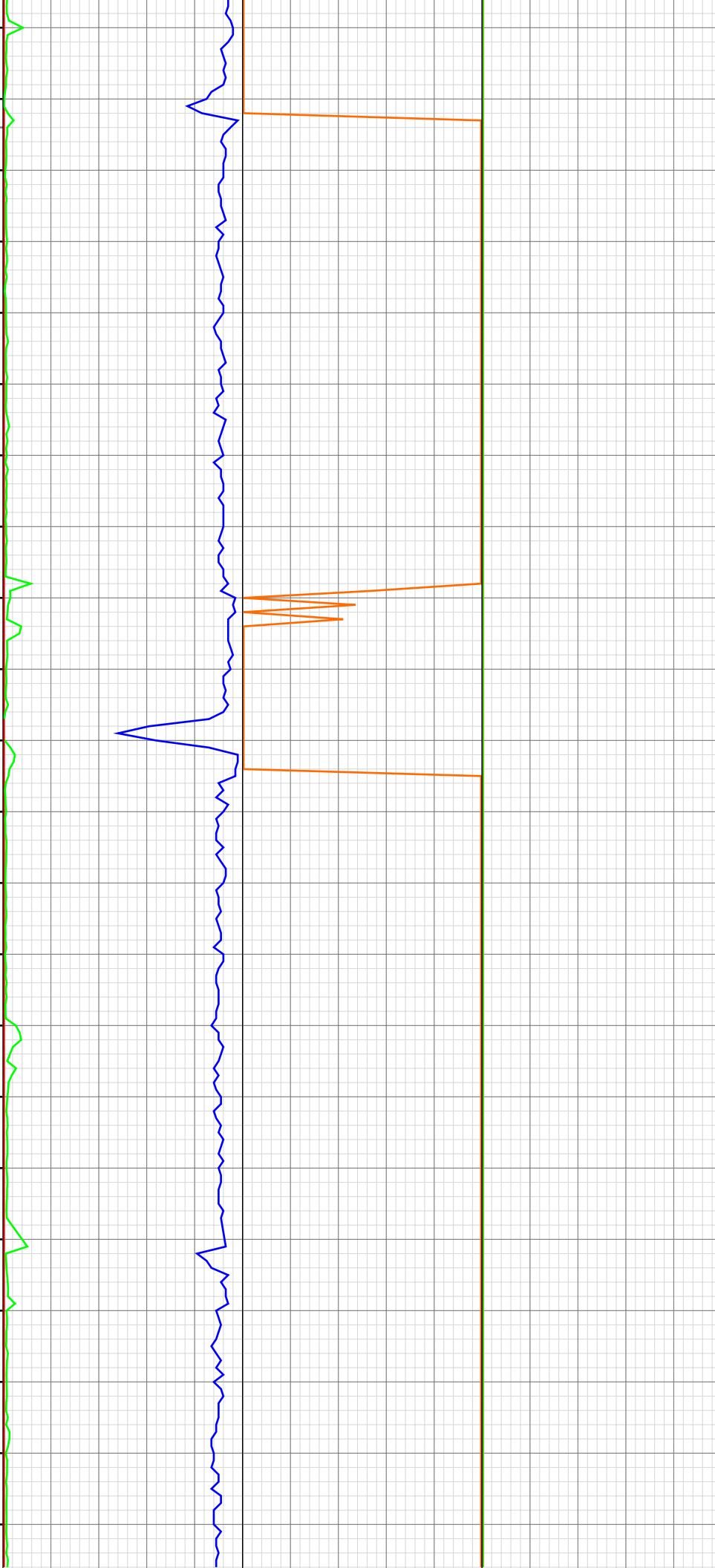
7260.99ft: 021TGAS 01050138 SWO.30 HW25.00 - 103 days on
7260.99ft: IN TALLY: HOLE DEPTH SET TO 7265.3
7261.32ft: Connection at 7265.3
7261.32ft: ZDIFF from DHC

7283.92ft: LCM SWEEP
7283.99ft: ZDIFF from DHC

7310.01ft: MUD VIS 54.00
7310.99ft: MUD WEIGHT 9.10

7355.71ft: WAIT ON RIG #308
7355.71ft: 1800 CFM PARA/1400 CFM D.P.
7355.71ft: SURVEY @ 7312 10.9 INC 64.1 AZ
7355.71ft: Connection at 7357.1
7356.99ft: IN TALLY: HOLE DEPTH SET TO 7357.1
7358.01ft: MUD VIS 61.00

23:43 7370
23:54 7380
Sep 16, 2010
00:01 7390
00:03 7400
00:05 7410
00:07 7420
00:09 7430
00:12 7440
00:37 7450
00:49 7460
01:01 7470
01:07 7480
01:09 7490
01:12 7500
01:14 7510
01:17 7520
01:19 7530
01:44 7540
01:49 7550
01:51 7560
01:53 7570
01:55 7580



7359.06ft: MUD WEIGHT 9.10

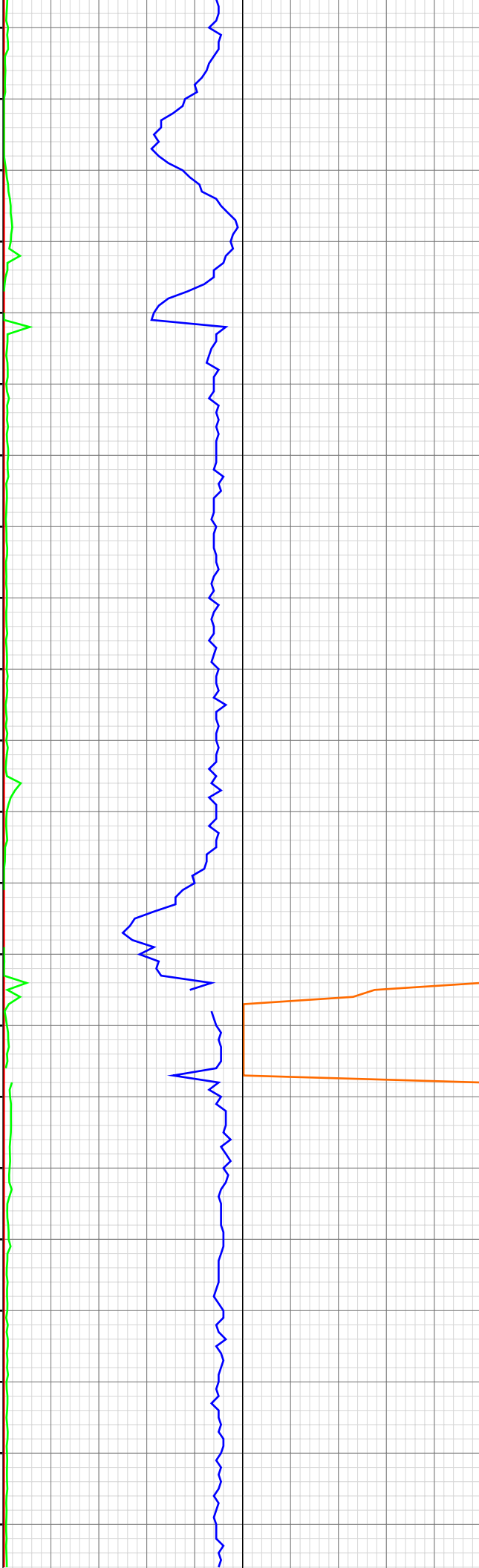
7379.99ft: MUD VIS 58.00
7379.99ft: MUD WEIGHT 9.10
7381.99ft: ZWOB from DHC

7447.44ft: WAIT ON RIG #308
7447.44ft: SURVEY @ 7403 11.3
INC 62.6 AZ
7447.44ft: Connection at 7449.0

7466.01ft: Recalibrated high
CUSTOM PARAM #2
7470.01ft: Recalibrated high
CUSTOM PARAM #2

7537.01ft: IN TALLY: HOLE DEPTH
SET TO 7540.6
7537.01ft: MUD VIS 63.00
7537.01ft: MUD WEIGHT 9.10
7537.01ft: ZWOB from SideKick
sk-06-03-3730
7537.01ft: ZDiffPressure from
SideKick sk-06-03-3730
7540.55ft: Connection at 7540.6
7548.00ft: ZWOB from SideKick
sk-06-03-3730
7548.00ft: ZDiffPressure from
SideKick sk-06-03-3730

01:58 7590
02:00 7600
02:02 7610
02:06 7620
02:09 7630
02:27 7640
02:30 7650
02:36 7660
02:38 7670
02:41 7680
02:44 7690
02:46 7700
02:48 7710
02:50 7720
03:20 7730
03:36 7740
03:38 7750
03:42 7760
03:47 7770
03:50 7780
03:52 7790
03:55 7800



7631.23ft: SURVEY @ 7587 11.7
INC 62.3 AZ
7631.23ft: Connection at 7632.2
7631.23ft: 1800 CFM PARA/1400
CFM D.P.

7646.79ft: LCM SWEEP

7723.10ft: SURVEY @ 7678 10.9
INC 62.3 AZ
7723.10ft: Connection at 7723.9

7760.01ft: ZDiffPressure from
SideKick sk-06-03-3730
7760.01ft: ZWOB from SideKick
sk-06-03-3730

03:57 7810
04:42 7820
04:45 7830
04:48 7840
04:50 7850
04:52 7860
04:54 7870
04:59 7880
05:01 7890
05:05 7900
05:23 7910
05:27 7920
05:31 7930
05:34 7940
05:38 7950
05:42 7960
05:45 7970
05:50 7980
05:56 7990
06:19 8000
06:24 8010
06:27 8020



7814.01ft: MUD WEIGHT 9.20
7814.01ft: MUD VIS 64.00
7814.60ft: WAIT ON RIG #308

7822.77ft: Connection at 7815.5

7845.08ft: 1800 CFM PARA/1400 CFM D.P.

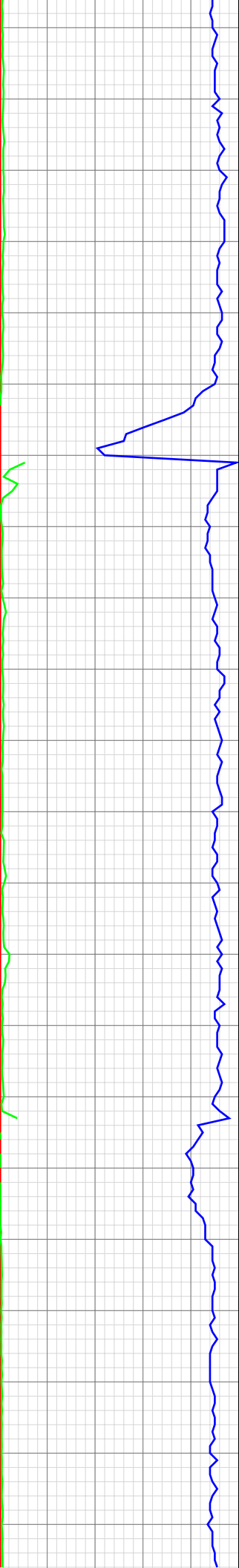
7881.99ft: MUD VIS 61.00
7883.01ft: MUD WEIGHT 9.30

7904.99ft: SURVEY @ 7862 10.5 INC 63.4 AZ
7904.99ft: Connection at 7907.2
7904.99ft: LCM SWEEP
7904.99ft: ZWOB from SideKick sk-06-03-3730
7911.45ft: 1800 CFM PARA/1300 CFM D.P.

7960.01ft: MUD VIS 59.00
7960.01ft: MUD WEIGHT 9.30

7995.01ft: IN TALLY: HOLE DEPTH SET TO 7999.0
7999.02ft: SURVEY @ 7954 9.4 INC. 63.5 AZ.
7999.02ft: Connection at 7999.0

06:30 8030
06:32 8040
06:35 8050
06:38 8060
06:41 8070
06:45 8080
07:05 8090
07:08 8100
07:10 8110
07:14 8120
07:17 8130
07:20 8140
07:22 8150
07:25 8160
07:28 8170
07:31 8180
07:52 8190
07:54 8200
07:59 8210
08:02 8220
08:05 8230
08:08 8240



8058.10ft: H2O AT 10GPM

8076.97ft: 1800CFM PARA 1200CFM DP

8089.99ft: IN TALLY: HOLE DEPTH SET TO 8090.9
8089.99ft: MUD VIS 60.00
8089.99ft: MUD WEIGHT 9.35
8090.88ft: SURVEY @ 8045 8.9 INC. 63.2 AZ.

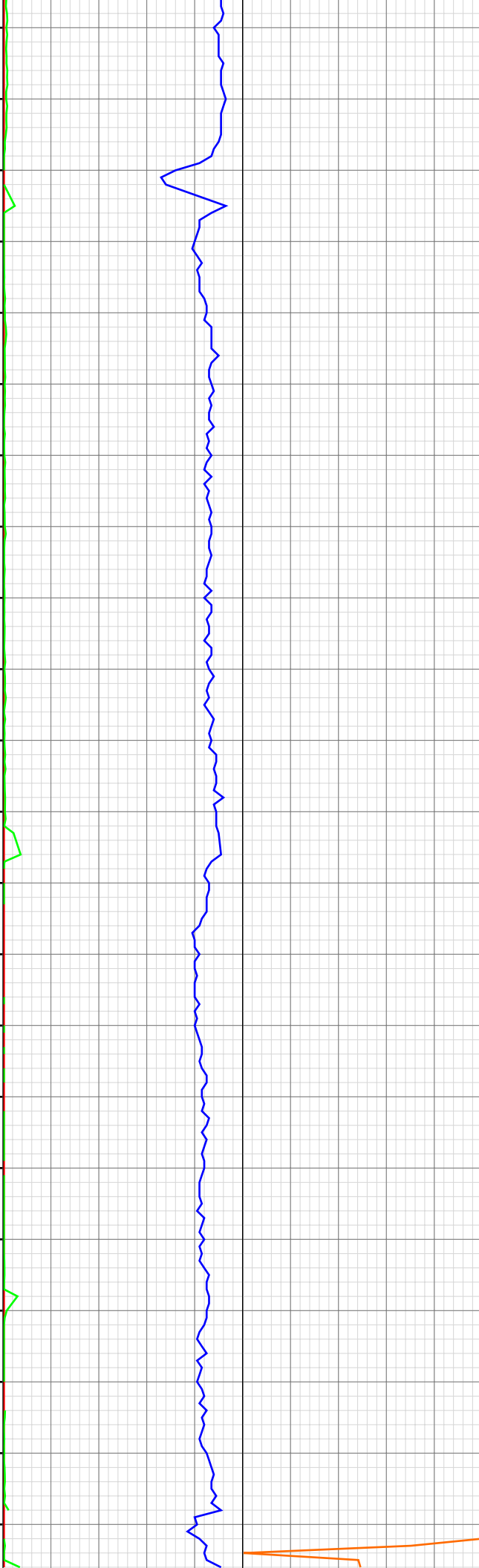
8090.88ft: Connection at 8090.9
8094.19ft: LCM SWEEP

8099.34ft: 1800CFM PARA 1100CFM DP

8181.99ft: IN TALLY: HOLE DEPTH SET TO 8182.4
8182.41ft: SURVEY @ 8137 8.2 INC. 64.4 AZ.

8182.41ft: Connection at 8182.4

08:11 8250
08:15 8260
08:19 8270
08:40 8280
08:42 8290
08:46 8300
08:49 8310
08:52 8320
08:55 8330
08:58 8340
09:00 8350
09:03 8360
09:22 8370
09:25 8380
09:27 8390
09:30 8400
09:34 8410
09:36 8420
09:40 8430
09:42 8440
09:45 8450
10:06 8460



8254.17ft: 1800CFM PARA 1000CFM DP

8272.01ft: IN TALLY: HOLE DEPTH SET TO 8274.1
8272.01ft: MUD VIS 70.00
8272.01ft: MUD WEIGHT 9.40
8274.11ft: Connection at 8274.1
8277.10ft: LCM SWEEP

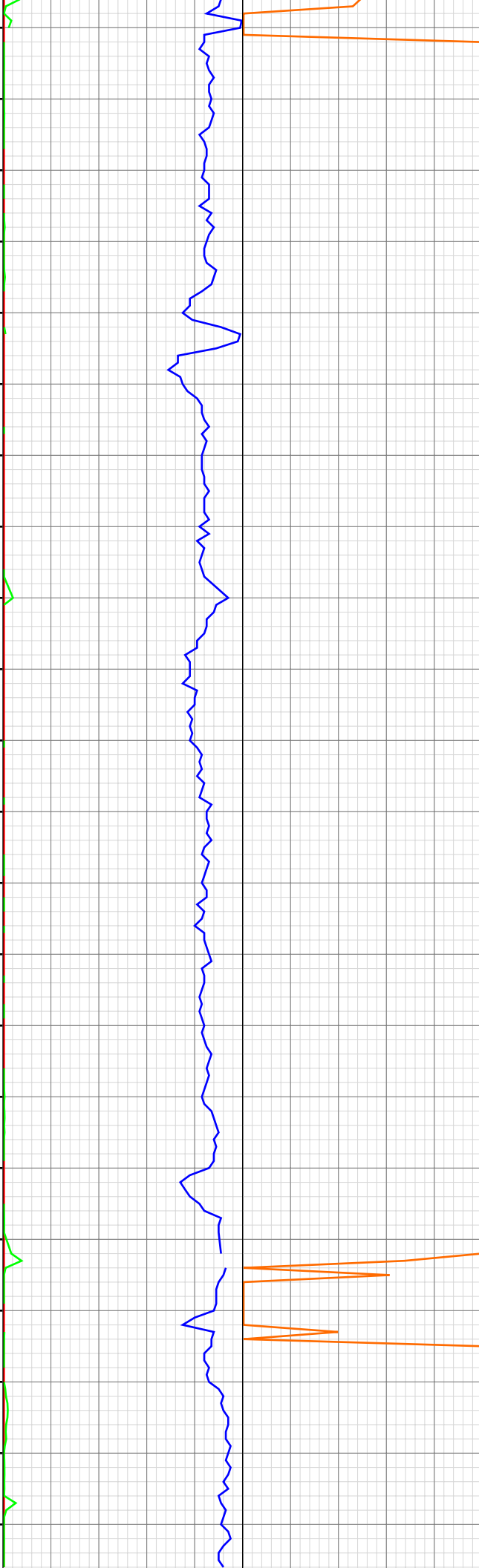
8291.93ft: 1800CFM PARA 900CFM DP

8362.99ft: IN TALLY: HOLE DEPTH SET TO 8365.7
8365.68ft: SURVEY @ 8320 6.8 INC. 69.1 AZ.
8365.75ft: Connection at 8365.7

8383.63ft: transfer 100 bbls TO ACTIVE

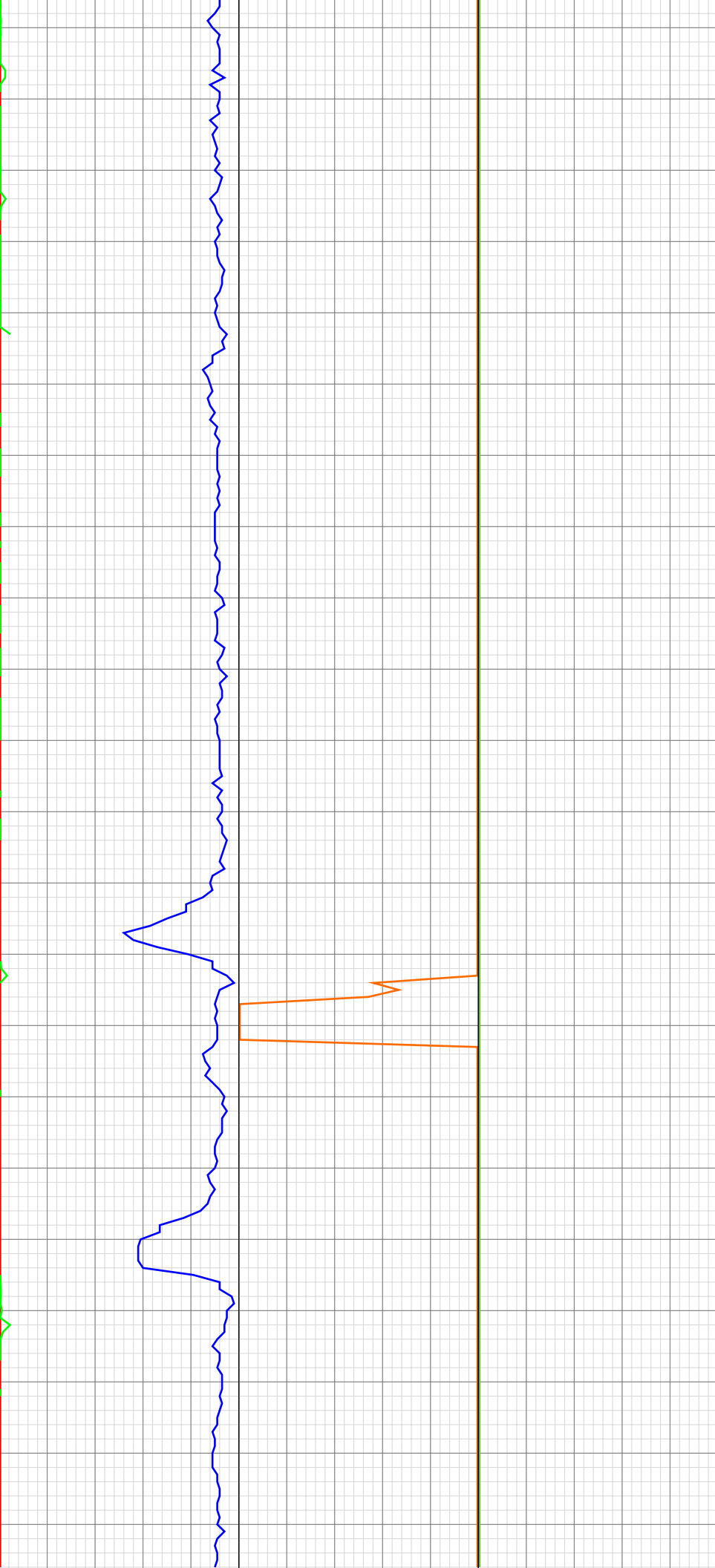
8452.99ft: MUD VIS 64.00
8456.99ft: MUD WEIGHT 9.30
8457.61ft: Connection at 8457.4
8457.61ft: 1800CFM PARA 800CFM DP

10:39 8470
10:50 8480
10:54 8490
11:00 8500
11:05 8510
11:11 8520
11:18 8530
11:24 8540
11:43 8550
11:46 8560
11:49 8570
11:53 8580
11:58 8590
12:02 8600
12:06 8610
12:12 8620
12:19 8630
12:40 8640
13:20 8650
13:36 8660
13:41 8670
13:48 8680



8470.01ft: MUD WEIGHT 9.45
8470.05ft: MUD VIS 65.00
8480.48ft: LCM SWEEP
8492.36ft: H2O AT 20GPM
8538.65ft: transfer 200 bbls
8547.01ft: IN TALLY: HOLE DEPTH SET TO 8549.1
8549.15ft: Connection at 8549.1
8549.15ft: MUD VIS 56.00
8593.83ft: 1800CFM PARA 900CFM DP
8604.27ft: LCM SWEEP
8639.01ft: IN TALLY: HOLE DEPTH SET TO 8641.0
8641.04ft: Connection at 8641.0
8641.04ft: SURVEY @ 8596 4.8 INC. 70.8 AZ.
8642.82ft: AIR JAM BOOSTER DOWN-
8642.82ft: transfer 100 bbls
8642.82ft: AIR ON 1245 1800CFM PARA 1000DP
8642.82ft: transfer 100 bbls
8652.49ft: PUMP CELLAR
8662.99ft: MUD VIS 51.00
8664.01ft: MUD WEIGHT 9.40

13:52 8690
13:56 8700
14:00 8710
14:05 8720
14:10 8730
14:29 8740
14:33 8750
14:37 8760
14:41 8770
14:46 8780
14:49 8790
14:53 8800
14:56 8810
15:00 8820
15:51 8830
15:57 8840
16:02 8850
16:07 8860
16:12 8870
16:17 8880
16:21 8890
16:26 8900

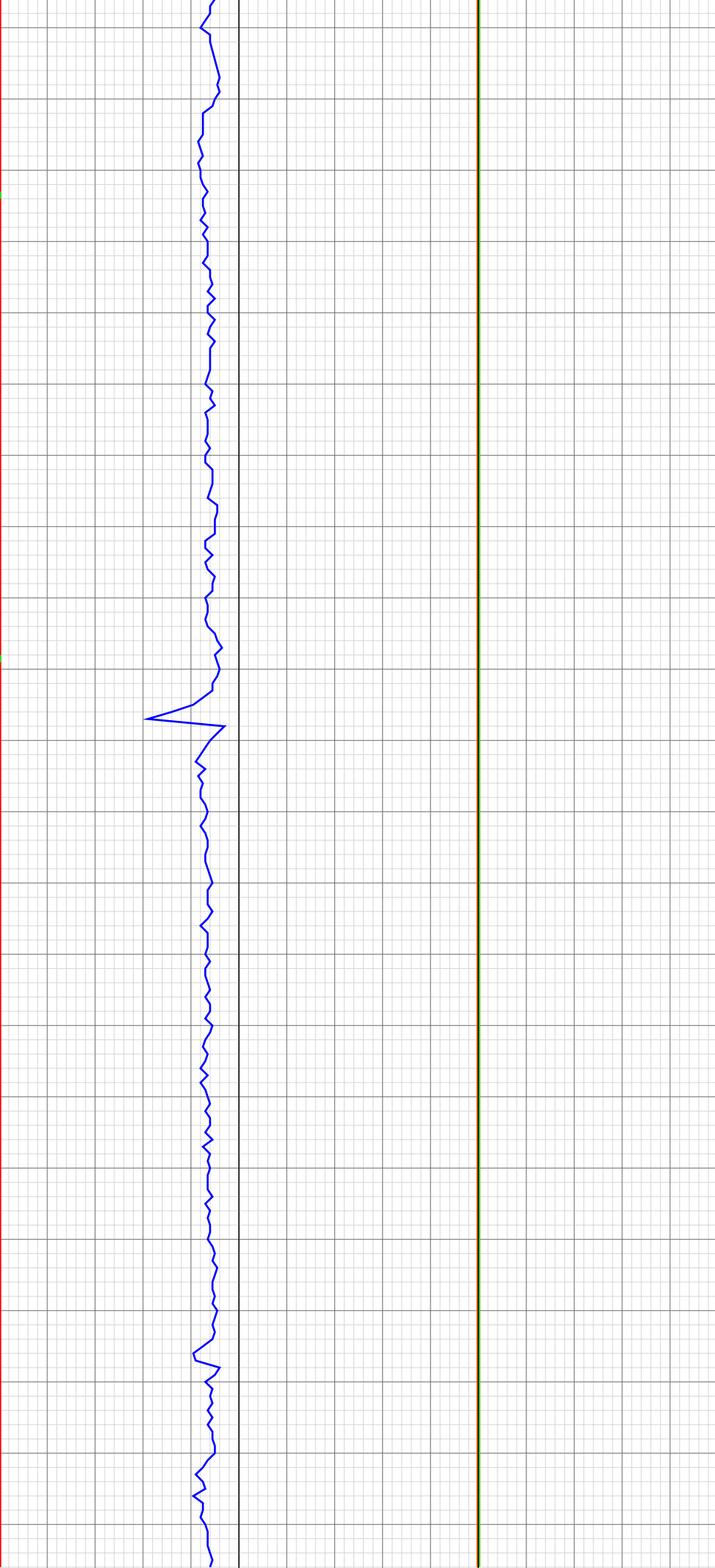


8731.99ft: IN TALLY: HOLE DEPTH
SET TO 8732.7
8732.71ft: SURVEY @ 8687 4.6 INC.
64.7 AZ.
8732.71ft: Connection at 8732.7

8823.00ft: Connection at 8824.3
8823.00ft: 1800CFM PARA 1000CFM
DP
8823.56ft: H2O IN AT 10GPM
8823.79ft: 1800CFM PARA 900CFM
DP
8831.00ft: MUD VIS 62.00
8831.00ft: MUD WEIGHT 9.35
8835.56ft: LCM SWEEP

8900.00ft: MUD VIS 53.00
8900.00ft: MUD WEIGHT 9.30

16:30 8910
16:48 8920
16:52 8930
16:55 8940
16:59 8950
17:03 8960
17:07 8970
17:11 8980
17:14 8990
17:18 9000
17:38 9010
17:42 9020
17:47 9030
17:51 9040
17:54 9050
17:58 9060
18:02 9070
18:07 9080
18:11 9090
18:33 9100
18:41 9110
18:50 9120



8912.01ft: IN TALLY: HOLE DEPTH
SET TO 8916.1
8916.08ft: SURVEY @ 8871 3.6 INC.
46.5 AZ.
8916.08ft: Connection at 8916.1

8967.82ft: LCM SWEEP

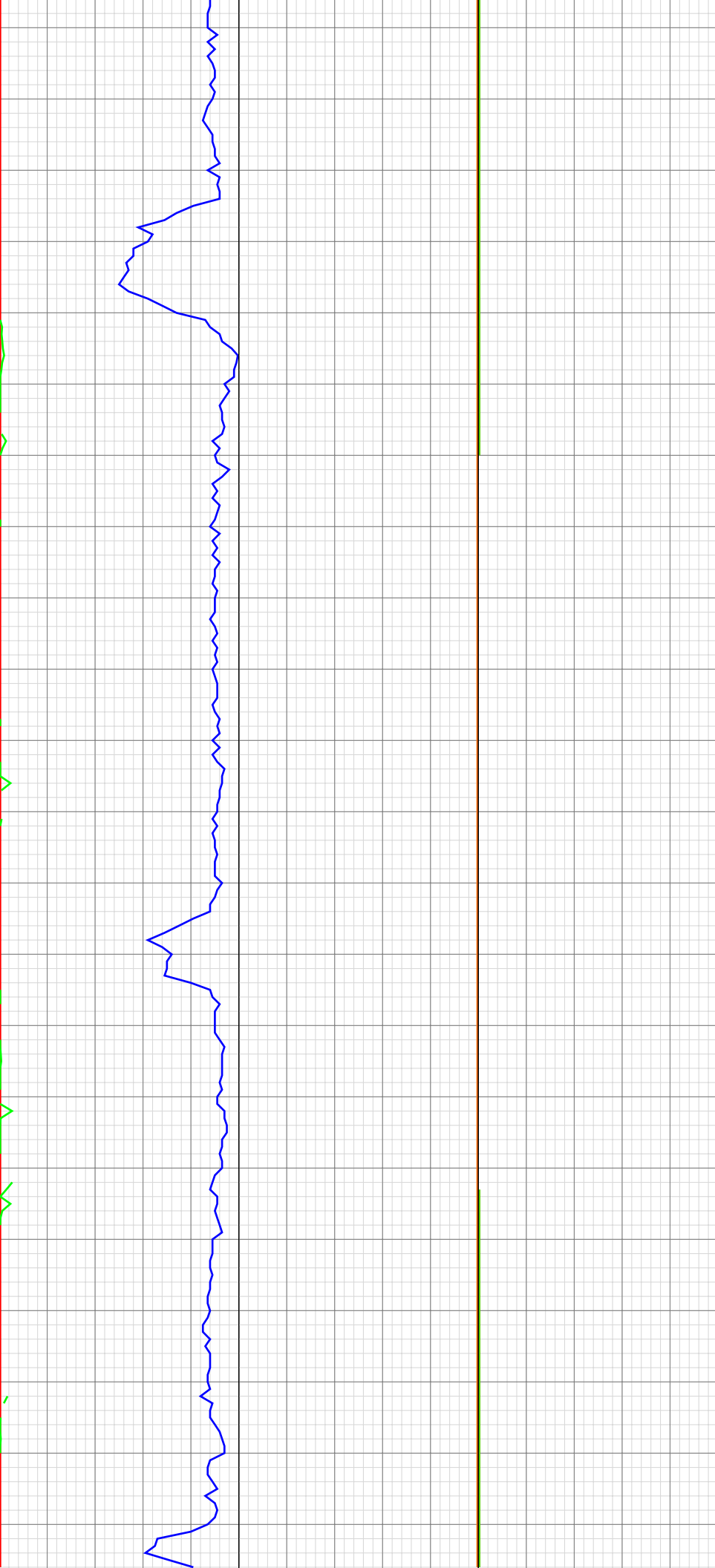
9006.99ft: IN TALLY: HOLE DEPTH
SET TO 9007.8
9007.74ft: SURVEY @ 8962 2.7 INC.
55.3 AZ.
9007.74ft: Connection at 9007.8

9025.82ft: 1800CFM PARA 900CFM
DP

9051.87ft: transfer 100 bbls
9052.99ft: TRANSFERRED 100.00

9097.01ft: ZWOB from SideKick
sk-06-03-3730
9097.01ft: MUD VIS 58.00
9097.90ft: SURVEY @ 9054 1.9 INC
51.1 AZ
9097.93ft: Connection at 9099.6
9097.93ft: 1800 CFM PARA/800 CFM
D.P.
9097.93ft: ZDiffPressure from
SideKick sk-06-03-3730
9102.00ft: MUD WEIGHT 9.40
9110.01ft: ZWOB from SideKick
sk-06-03-3730
9110.01ft: ZDiffPressure from
SideKick sk-06-03-3730

18:56 9130
19:00 9140
19:04 9150
19:10 9160
19:14 9170
19:19 9180
19:23 9190
19:50 9200
19:55 9210
20:00 9220
20:06 9230
20:10 9240
20:15 9250
20:21 9260
20:26 9270
20:32 9280
20:58 9290
21:05 9300
21:12 9310
21:16 9320
21:22 9330
21:32 9340



9166.47ft: LCM SWEEP

9191.01ft: IN TALLY: HOLE DEPTH
SET TO 9191.2
9191.01ft: ZDiffPressure from
SideKick sk-06-03-3730
9191.24ft: Connection at 9191.2
9191.24ft: 1800 CFM PARA/800 CFM
D.P.

9247.51ft: 1800 CFM PARA/700 CFM
D.P.

9254.00ft: MUD WEIGHT 9.40
9254.27ft: MUD VIS 55.00

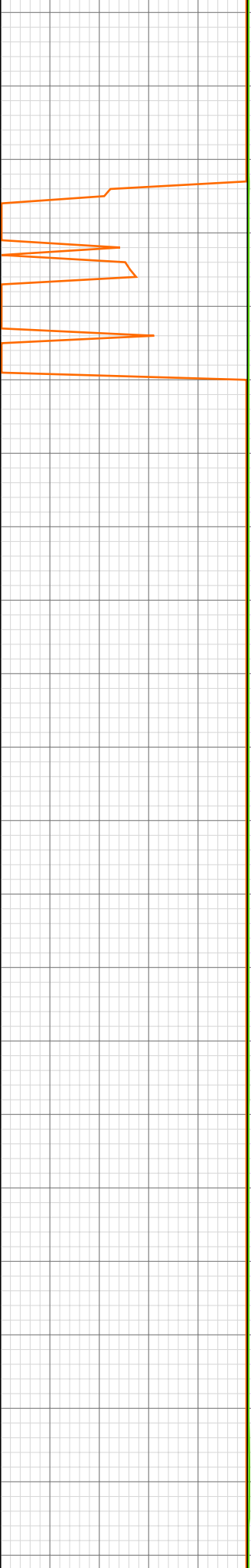
9258.83ft: LCM SWEEP

9281.00ft: ZDiffPressure from
SideKick sk-06-03-3730
9281.33ft: SURVEY @ 9237 .9 INC
51.4 AZ
9281.33ft: Connection at 9282.3
9281.99ft: IN TALLY: HOLE DEPTH
SET TO 9282.3
9292.00ft: LAG CALCULATION
PARAMETERS RESET @ DHC
9292.00ft: 003TGAS-Manual flush
9292.00ft: 002TGAS-Manual zero

9299.02ft: 1800 CFM PARA/600 CFM
D.P.
9304.00ft: MUD VIS 55.00
9304.00ft: MUD WEIGHT 9.45

9313.48ft: LCM SWEEP

21:40 9350
21:50 9360
21:59 9370
22:32 9380
23:09 9390
23:28 9400
23:33 9410
23:41 9420
23:51 9430
23:56 9440
Sep 17, 2010
00:01 9450
00:07 9460
00:32 9470
00:38 9480
00:46 9490
00:54 9500
01:01 9510
01:07 9520
01:16 9530
01:23 9540
01:28 9550
01:50 9560



9358.01ft: 021TGAS 01050138
SW0.30 HW25.00 - 104 days on

9365.65ft: MUD VIS 64.00
9365.98ft: MUD WEIGHT 9.45

9372.01ft: ZDIFF from DHC
9372.41ft: Connection at 9373.8
9372.41ft: LCM SWEEP

9380.87ft: 1800 CFM PARA/500 CFM
D.P.
9383.01ft: TRANSFERRED 200.00
9383.99ft: MUD VIS 56.00
9383.99ft: MUD WEIGHT 9.40

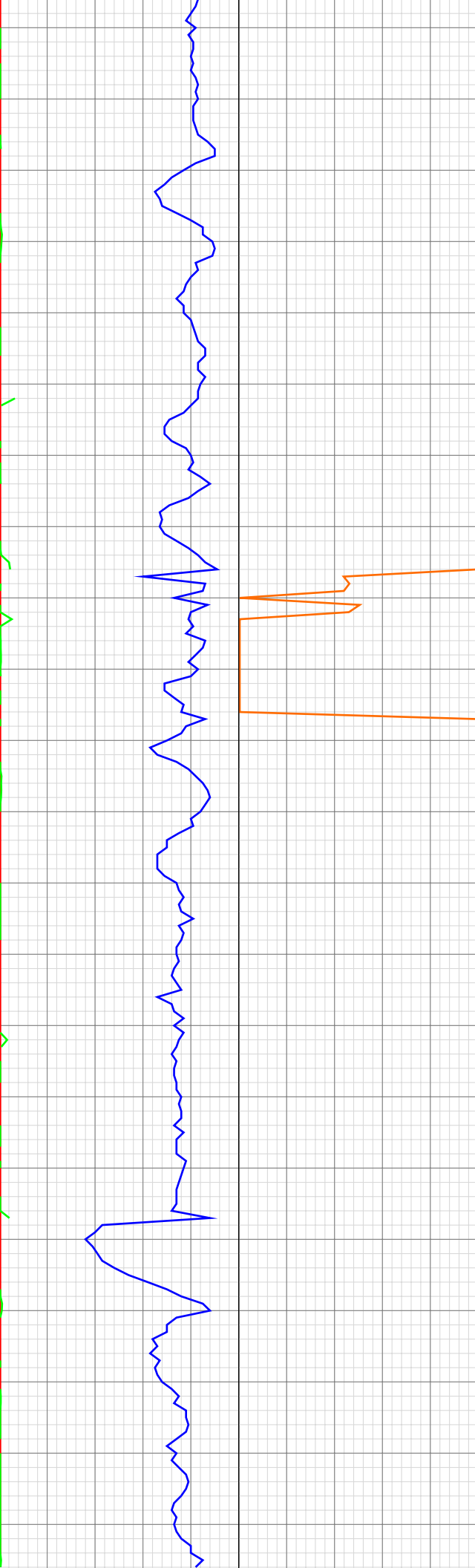
9399.02ft: ZWOB from DHC
9399.02ft: ZDIFF from DHC

9462.99ft: ZWOB from DHC
9462.99ft: ZDIFF from DHC
9463.88ft: Connection at 9465.3
9463.88ft: SURVEY @9420 1.1 INC
357.8 AZ
9463.88ft: 1800 CFM PARA/400 CFM
D.P.
9469.42ft: LCM SWEEP

9530.71ft: LCM SWEEP

9554.00ft: ZWOB from SideKick
sk-06-03-3730
9554.00ft: ZDiffPressure from
SideKick sk-06-03-3730
9554.82ft: Connection at 9557.0
9554.82ft: 1800 CFM PARA/300 CFM
D.P. LCM SWEEP
9556.00ft: IN TALLY: HOLE DEPTH
SET TO 9557.1

01:58 9570
02:05 9580
02:13 9590
02:19 9600
02:25 9610
02:30 9620
02:39 9630
02:46 9640
03:20 9650
03:47 9660
04:07 9670
04:15 9680
04:21 9690
04:25 9700
04:30 9710
04:38 9720
04:43 9730
05:21 9740
05:27 9750
05:31 9760
05:39 9770
05:50 9780



9569.00ft: TRANSFERRED 200.00

9587.99ft: MUD WEIGHT 9.35
9589.01ft: MUD VIS 57.00

9645.83ft: Connection at 9648.8
9645.83ft: 1800 CFM PARA/200 CFM D.P.

9671.00ft: ZDiffPressure from SideKick sk-06-03-3730
9675.98ft: TRANSFERRED 200.00

9733.99ft: MUD WEIGHT 9.40
9735.01ft: MUD VIS 58.00
9735.99ft: ZWOB from SideKick sk-06-03-3730
9735.99ft: ZDiffPressure from SideKick sk-06-03-3730
9736.22ft: WAIT ON RIG 308
9736.22ft: AIR OFF D.P.
9736.22ft: 1800 CFM PARA
9736.22ft: SURVEY @ 9695 1.1 INC 3.3 AZ
9736.22ft: Connection at 9740.6
9740.06ft: LCM SWEEP

06:02 9790
06:11 9800
06:20 9810
06:30 9820
06:57 9830
07:01 9840
07:06 9850
07:16 9860
07:30 9870
07:43 9880
07:52 9890
07:58 9900
08:05 9910
08:12 9920
08:37 9930
08:45 9940
08:52 9950
08:59 9960
09:06 9970
09:20 9980
09:28 9990
09:34 10000



9788.68ft: 1800 CFM PARA
9790.91ft: MUD VIS62 WT9.35

9799.87ft: LCM SWEEP

9812.11ft: TRANSFER 200BBLS

9827.00ft: IN TALLY: HOLE DEPTH
SET TO 9832.3
9832.28ft: Connection at 9832.3
9832.28ft: 2000CFM PARA

9845.37ft: H2O AT 10GPM

9856.00ft: MUD VIS 57.00
9856.00ft: MUD WEIGHT 9.45

9866.31ft: LCM SWEEP
9867.88ft: PUMP CELLAR

9894.42ft: 2100CFM PARA

9902.26ft: LCM SWEEP

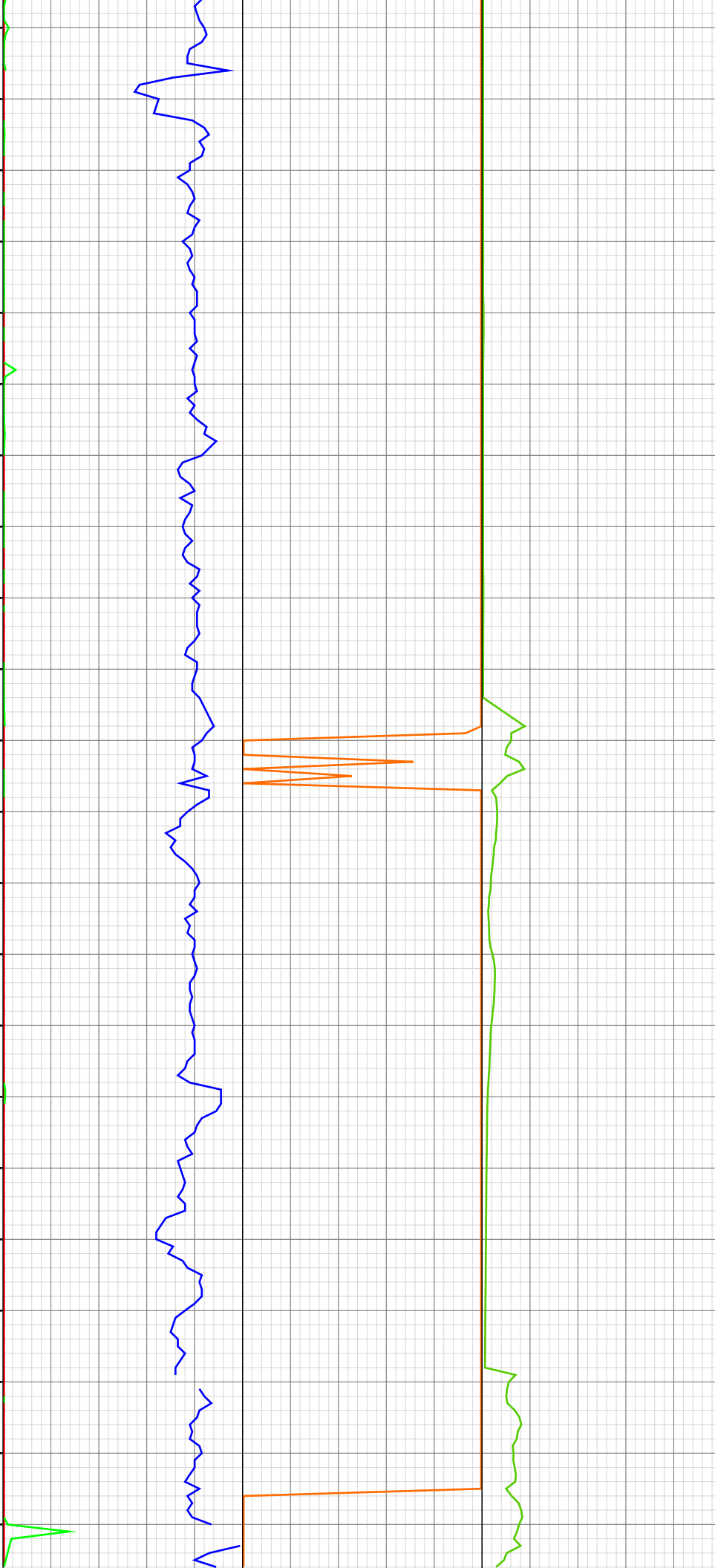
9922.01ft: IN TALLY: HOLE DEPTH
SET TO 9924.0
9922.01ft: MUD VIS 55.00
9922.01ft: MUD WEIGHT 9.45
9924.02ft: SURVEY @ 9879 .9 INC.
35.7 AZ.
9924.02ft: Connection at 9924.0

9956.00ft: LCM SWEEP

9964.01ft: MUD WEIGHT 9.45
9964.63ft: MUD VIS 53.00
9966.27ft: 2200CFM PARA

10004.63ft: TRANSFER 200BBLS

09:44 10010
10:08 10020
10:14 10030
10:22 10040
10:30 10050
10:38 10060
10:45 10070
10:52 10080
11:01 10090
11:07 10100
11:37 10110
12:10 10120
12:17 10130
12:25 10140
12:30 10150
12:38 10160
12:43 10170
12:49 10180
12:55 10190
19:01 10200
19:11 10210
19:27 10220



10014.99ft: IN TALLY: HOLE DEPTH SET TO 10015.7
10015.72ft: SURVEY @ 9970 .8 INC. 64.9 AZ.
10015.72ft: Connection at 10015.7
10022.01ft: MUD VIS 51.00
10022.01ft: MUD WEIGHT 9.45

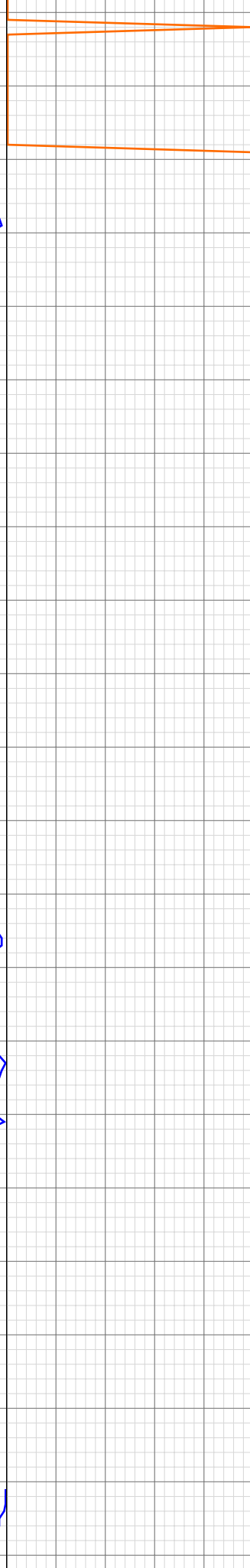
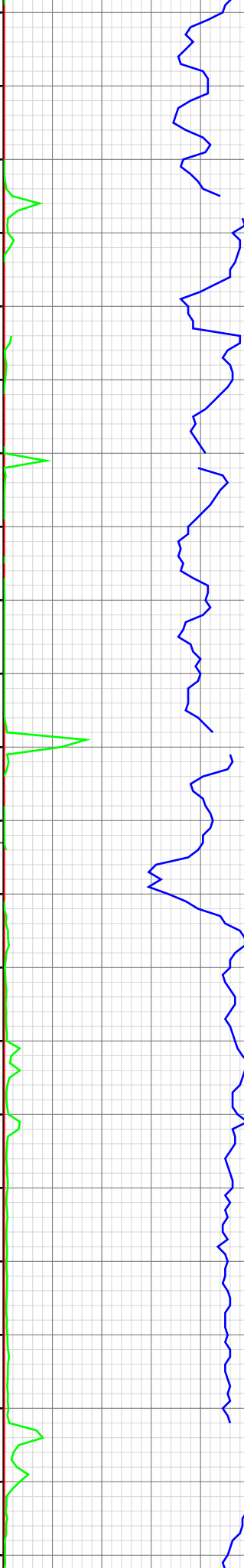
10047.51ft: LCM SWEEP

10072.28ft: 2200CFM PARA

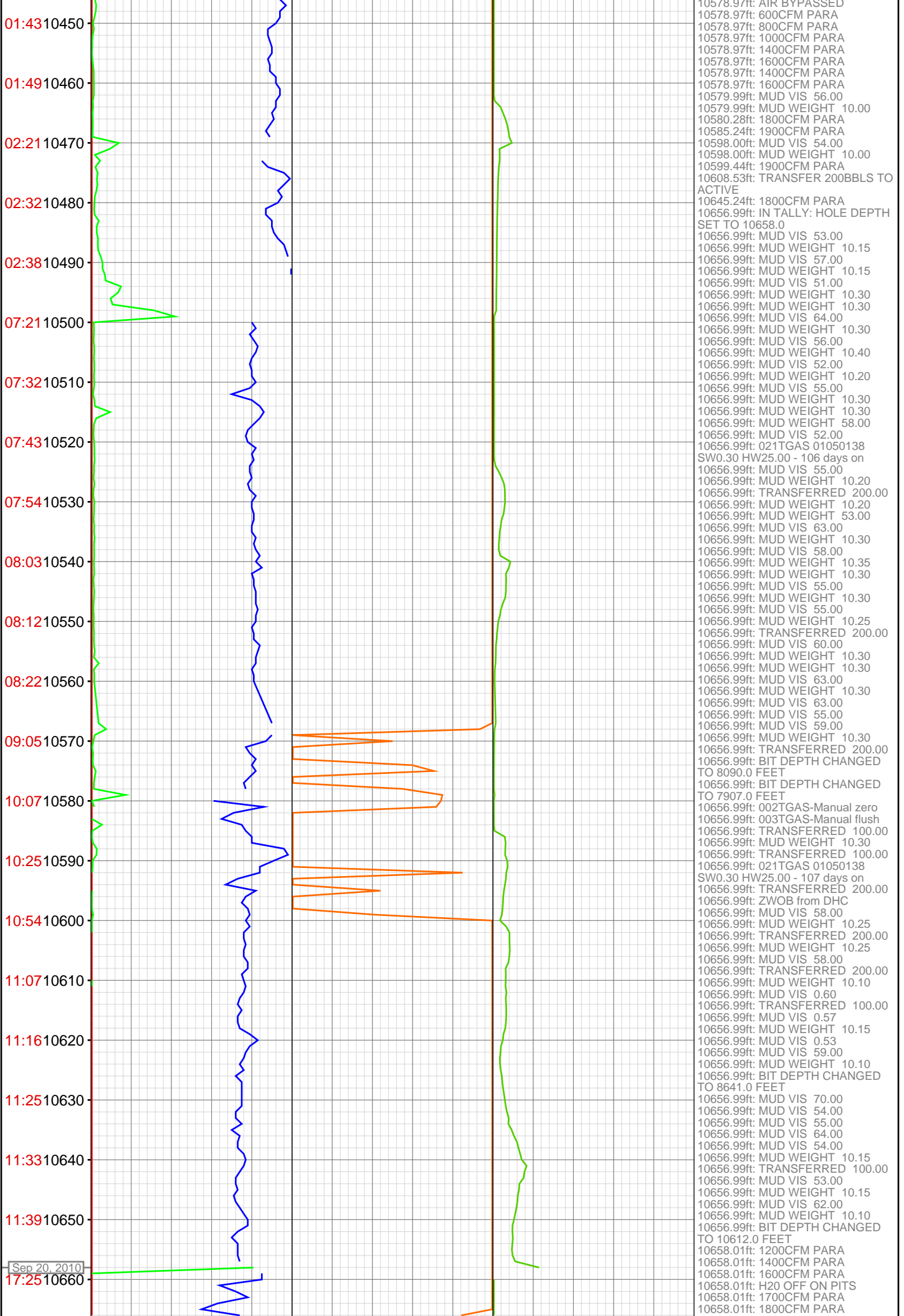
10104.00ft: IN TALLY: HOLE DEPTH SET TO 10107.5
10107.45ft: Connection at 10107.5
10110.01ft: MUD VIS 49.00
10110.01ft: MUD WEIGHT 9.40
10114.99ft: MUD VIS 52.00
10116.01ft: MUD WEIGHT 9.50

10157.78ft: LCM SWEEP
10199.02ft: IN TALLY: HOLE DEPTH SET TO 10199.2
10199.02ft: HGAS_020: LOCATION1 Low LEL Alarm
10199.02ft: HGAS_023: LOCATION2 Low LEL Alarm
10199.02ft: HGAS_004: Horn Muted
10199.02ft: MUD VIS 63.00
10199.02ft: MUD WEIGHT 9.55
10199.02ft: MUD VIS 68.00
10199.02ft: MUD WEIGHT 9.55
10199.02ft: TRANSFERRED 200.00
10199.02ft: ZWOB from SideKick sk-06-03-3730
10199.02ft: ZDiffPressure from SideKick sk-06-03-3730
10199.18ft: AIR BYPASSED
10199.18ft: well shut in
10199.18ft: TRANSFER 100BBLS
10199.18ft: 400CFM PARA
10199.18ft: 600CFM PARA
10199.18ft: 700CFM PARA
10199.18ft: WELL STILL SHUT IN
10199.18ft: 900CFM PARA
10199.18ft: 1100CFM PARA
10199.18ft: 1300CFM PARA
10199.18ft: 1400CFM PARA
10199.18ft: WELL STILL SHUT IN
10199.18ft: 1500CFM PARA
10199.18ft: 1600CFM PARA
10199.18ft: TRANSFER 100BBLS
10199.18ft: 1800CFM PARA
10199.18ft: TRANSFER 200BBLS
10199.18ft: 1800 CFM PARA
10199.18ft: PUMP MUD FROM CATCH TANK
10199.18ft: Connection at 10199.2

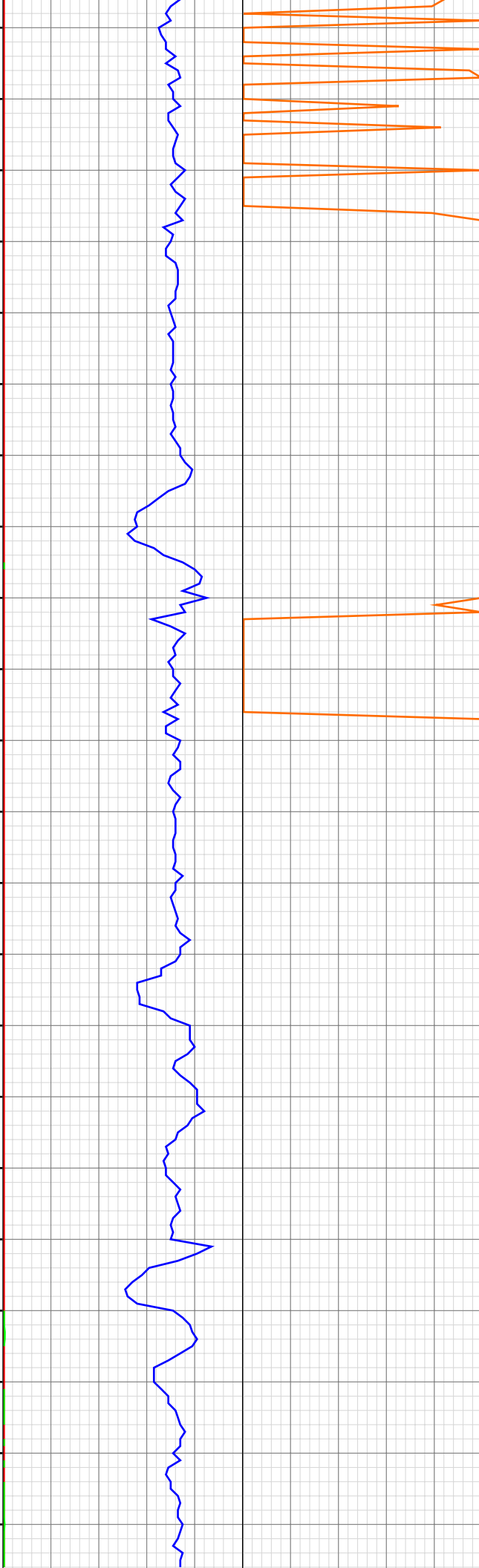
19:38 10230
19:52 10240
20:04 10250
20:08 10260
20:15 10270
20:24 10280
23:16 10290
23:21 10300
23:27 10310
23:36 10320
23:52 10330
23:59 10340
[Sep 18, 2010]
00:06 10350
00:15 10360
00:26 10370
00:54 10380
01:04 10390
01:10 10400
01:16 10410
01:22 10420
01:30 10430
01:36 10440



10199.18ft: Connection at 10199.2
10214.01ft: MUD WEIGHT 9.55
10214.60ft: MUD VIS 56.00
10238.58ft: TRANSFER 200BBLs
10243.83ft: PUMPING 30BBLs
FROM CATCH TANK
10248.00ft: ZDIFF from DHC
10256.00ft: TRANSFERRED 200.00
10266.01ft: MUD WEIGHT 9.60
10266.01ft: MUD VIS 60.00
10270.14ft: PUMP OUT CELLAR
10274.25ft: PUMP 15BBLs FROM
CATCH TANK
10289.99ft: MUD VIS 55.00
10289.99ft: MUD WEIGHT 9.70
10289.99ft: MUD WEIGHT 9.80
10289.99ft: MUD VIS 58.00
10289.99ft: 021TGAS 01050138
SW0.30 HW25.00 - 105 days on
10289.99ft: MUD WEIGHT 9.80
10289.99ft: MUD VIS 57.00
10289.99ft: MUD WEIGHT 9.80
10289.99ft: MUD VIS 58.00
10289.99ft: ZDIFF from DHC
10289.99ft: ZWOB from DHC
10290.09ft: 1600 CFM PARA
10290.13ft: SHUT IN WELL @ 40BBL
GAIN
10290.13ft: AIR BYPASSED
10290.13ft: 800 CFM PARA
10290.13ft: 1400 CFM PARA
10290.13ft: 1800 CFM PARA
10290.13ft: TRANSFERE 200 BBLs
.TO ACTIVE SYSTEM
10290.13ft: 1800 CFM PARA
10290.13ft: Connection at 10291.0
10329.00ft: ZWOB from SideKick
sk-06-03-3730
10329.00ft: ZDiffPressure from
SideKick sk-06-03-3730
10329.23ft: 1800 CFM PARA
10329.23ft: LCM SWEEP
10354.30ft: 2000 CFM PARA
10364.01ft: 2200 CFM PARA
10379.99ft: MUD VIS 55.00
10379.99ft: ZDiffPressure from
SideKick sk-06-03-3730
10380.05ft: MUD WEIGHT 9.80
10380.05ft: Connection at 10382.7
10380.05ft: TRANSFER 200BBLs
10383.01ft: MUD WEIGHT 9.95
10383.01ft: MUD VIS 62.00
10389.01ft: TRANSFERRED 200.00
10415.55ft: PUMP CELLAR
10444.09ft: 2200 CFM PARA
10469.00ft: MUD WEIGHT 9.90
10469.00ft: MUD WEIGHT 55.00
10469.00ft: ZDiffPressure from
SideKick sk-06-03-3730
10469.00ft: ZWOB from SideKick
sk-06-03-3730
10469.95ft: AIR BYPASSED
10469.95ft: Connection at 10474.4
10469.95ft: 1800 CFM PARA
10469.95ft: 2200 CFM PARA
10475.43ft: PUMP CELLAR
10498.00ft: MUD VIS 55.00
10498.00ft: MUD WEIGHT 9.90
10498.00ft: MUD WEIGHT 9.85
10498.00ft: MUD VIS 58.00
10498.00ft: MUD VIS 58.00
10498.00ft: MUD WEIGHT 9.90
10498.00ft: TRANSFERRED 200.00
10498.00ft: MUD WEIGHT 10.00
10498.00ft: MUD VIS 55.00
10498.00ft: MUD VIS 62.00
10498.00ft: MUD VIS 57.00
10498.39ft: AIR BYPASSED
10498.39ft: SHUT IN WELL
10498.39ft: 1800 CFM PARA
10498.39ft: 1800 CFM PARA
10498.39ft: TRANSFER 200BBLs
10498.39ft: 1000 CFM PARA at
company man request
10498.39ft: Air Bypassed at company
man request
10498.39ft: 1000 CFM
10498.39ft: 1800 CFM PARA
10498.39ft: MUD WEIGHT 10.00
10498.39ft: OPEN WELL & CIRC
10498.39ft: TRANSFER 140BBLs TO
ACTIVE
10498.39ft: MUD WEIGHT 10.00
10498.39ft: 1800CFM PARA
10503.18ft: MUD WT COMING BACK
10.1 VIS 57 BACK TO DRILLING
10510.50ft: 2000CFM PARA
10516.01ft: MUD VIS 56.00
10516.01ft: MUD WEIGHT 10.00
10517.32ft: H2O AT 10GPM
10542.00ft: MUD WEIGHT 10.05
10542.52ft: MUD VIS 63.00
10560.01ft: IN TALLY: HOLE DEPTH
SET TO 10566.2
10566.24ft: Connection at 10566.2
10567.00ft: MUD WEIGHT 10.10
10567.00ft: MUD VIS 53.00
10567.36ft: 2000CFM PARA
10573.52ft: TRANSFER FROM
PREMIX 160 BBLs
10575.69ft: PUMP CELLAR
10577.40ft: 1900CFM PARA



17:55 10670
18:36 10680
19:15 10690
19:32 10700
19:39 10710
19:50 10720
19:56 10730
20:03 10740
21:03 10750
21:28 10760
21:41 10770
21:49 10780
21:55 10790
22:02 10800
22:10 10810
22:15 10820
22:20 10830
22:56 10840
23:01 10850
23:08 10860
23:15 10870
23:24 10880



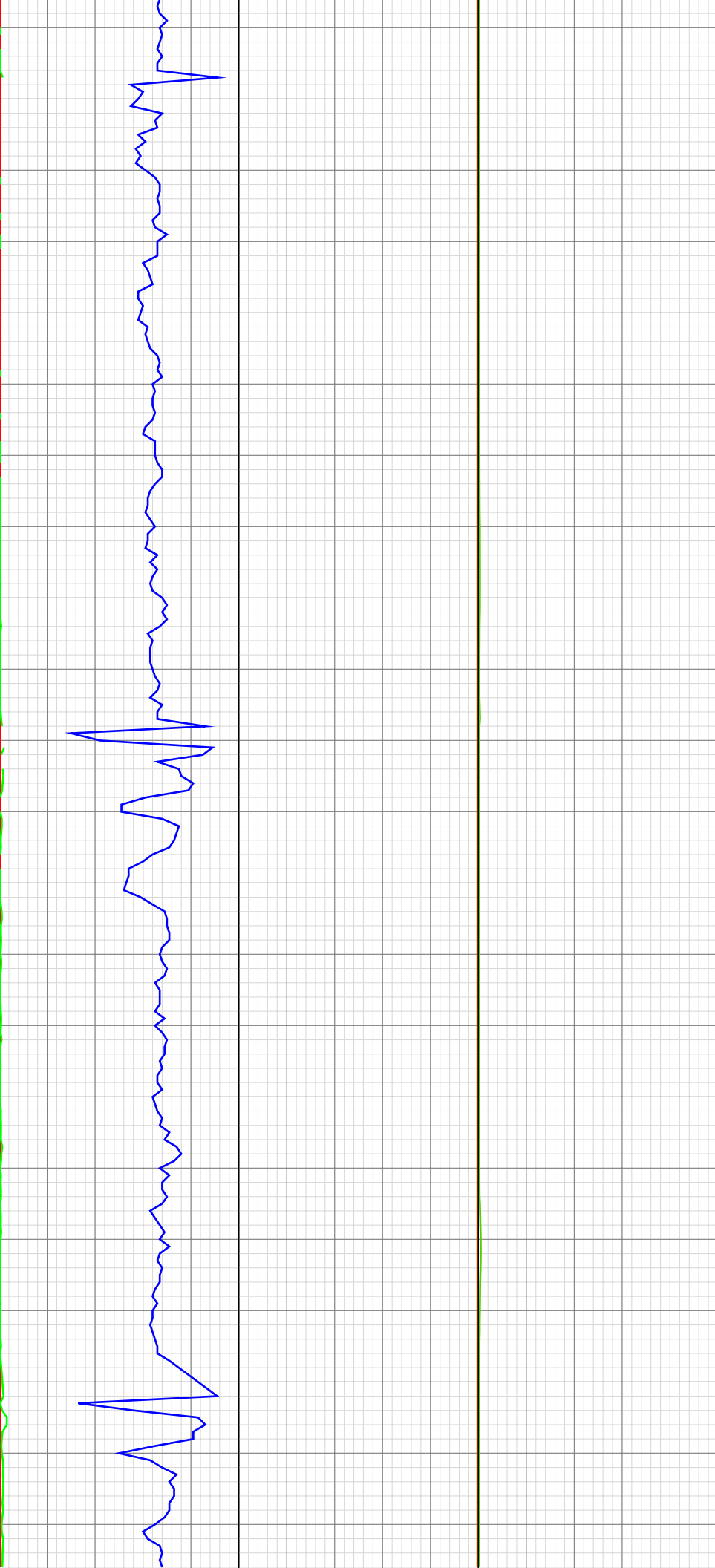
10658.01ft: 1600CFM PARA
10658.01ft: 1500CFM PARA
10658.01ft: 1200CFM PARA
10658.01ft: 1000CFM PARA
10658.01ft: 800CFM PARA
10658.01ft: 600CFM PARA
10658.01ft: AIR BYPASSED
10658.01ft: SHUT WELL IN AND KILL THRU CHOKE
10658.01ft: H2O AT 5GPM IN ACTIVE
10658.01ft: 100CFM PARA
10658.01ft: 300CFM PARA
10658.01ft: KILLING WELL 50 SPM CHOKE 50% OPEN
10658.01ft: 400CFM PARA
10658.01ft: 600CFM PARA
10658.01ft: 800CFM PARA
10658.01ft: 1000CFM PARA
10658.01ft: 1200CFM PARA
10658.01ft: 1400CFM PARA
10658.01ft: 1600CFM PARA
10658.01ft: 1800CFM PARA
10658.01ft: WELL OPEN THRU FLOW LINE
10658.01ft: MUD VIS 62.00
10658.01ft: PUMP CELLAR
10658.01ft: 1800 CFM PARA
10658.01ft: WORKING TIGHT HOLE
10658.01ft: 1600 CFM PARA
10658.01ft: 1400 CFM PARA
10658.01ft: 800 CFM PARA
10658.01ft: Air Bypassed at company man request
10658.01ft: 800 CFM PARA
10658.01ft: 1200 CFM PARA
10658.01ft: AIR BYPASSED
10658.01ft: SHUT IN WELL
10658.01ft: 1800 CFM PARA
10658.01ft: MUD WEIGHT 10.25
10658.01ft: OFF CHOKE
10658.01ft: 1800 CFM PARA
10658.01ft: MUD WEIGHT 9.30
10658.01ft: CORRECTED MUD WEIGHT 10.3PPG
10658.01ft: Air bypassed to change rotating head rubber
10658.01ft: DONE WITH ROTATING RUBBER
10658.01ft: 1800 CFM PARA
10658.01ft: LCM/ALCOSORB SWEEP
10658.01ft: MUD VIS 63.00
10658.01ft: LCM/ALCOSORB SWEEP
10658.01ft: LCM/ALCOSORB SWEEP
10658.01ft: 1800CFM PARA
10658.01ft: AIR BYPASSED
10658.01ft: PUMP CELLAR
10658.01ft: FLOW CHECK
10658.01ft: TIGHT HOLE PULLED @ 325K
10658.01ft: TIGHT PULLED 200K
10658.01ft: IN THE CASING
10658.01ft: MUD WEIGHT 10.03
10658.01ft: ROTATING RUBBER
10658.01ft: TRANSFER 200BBLs
10658.01ft: ROTATING rubber in
10658.01ft: SLIP AND CUT
10658.01ft: SLIP AND CUT
10658.01ft: SLIP AND CUT
10658.01ft: SLIP AND CUT
10658.01ft: BIT DEPTH CHANGED TO 1118.0 FEET
10658.01ft: BRIDGE AT 6600
10658.01ft: TRANSFER 200 BBLs FROM PREMIX
10658.01ft: start air pills
10658.01ft: 600 CFM PARA
10658.01ft: 800 CFM PARA
10658.01ft: AIR BYPASSED
10658.01ft: 400 CFM PARA
10658.01ft: 600 CFM PARA
10658.01ft: 700 CFM PARA
10658.01ft: MUD VIS 53.00
10658.01ft: TRANSFER 100+ BBLs FROM PREMIX
10658.01ft: 800 CFM PARA
10658.01ft: 600 CFM PARA
10658.01ft: 800 CFM PARA
10658.01ft: TRANSFER F/ PREMIX 200 BBLs
10658.01ft: AIR BYPASSED
10658.01ft: START AIR PILLS
10658.01ft: TRANSFER 40 BBLs FROM CATCH TANK TO PITS
10658.01ft: AIR BYPASSED
10658.01ft: START AIR PILLS
10658.01ft: 400 CFM PARA
10658.01ft: 600 CFM PARA
10658.01ft: 800 CFM PARA
10658.01ft: 900 CFM PARA
10658.01ft: 1000 CFM PARA
10658.01ft: TRANSFER 200BBLs 1200 CFM PARA
10658.01ft: 1400 CFM PARA
10658.01ft: ZERO WT. ON BIT 1600 CFM PARA
10658.01ft: 1800 CFM PARA
10658.01ft: TRANSFER MUD FROM PREMIX 200 BBLs

23:33 10890
23:39 10900
23:47 10910
23:52 10920
Sep 21, 2010
00:53 10940
01:11 10950
01:18 10960
01:22 10970
01:27 10980
01:31 10990
01:38 11000
01:44 11010
01:49 11020
02:15 11030
02:22 11040
02:28 11050
02:33 11060
02:42 11070
02:50 11080
02:58 11090
03:04 11100



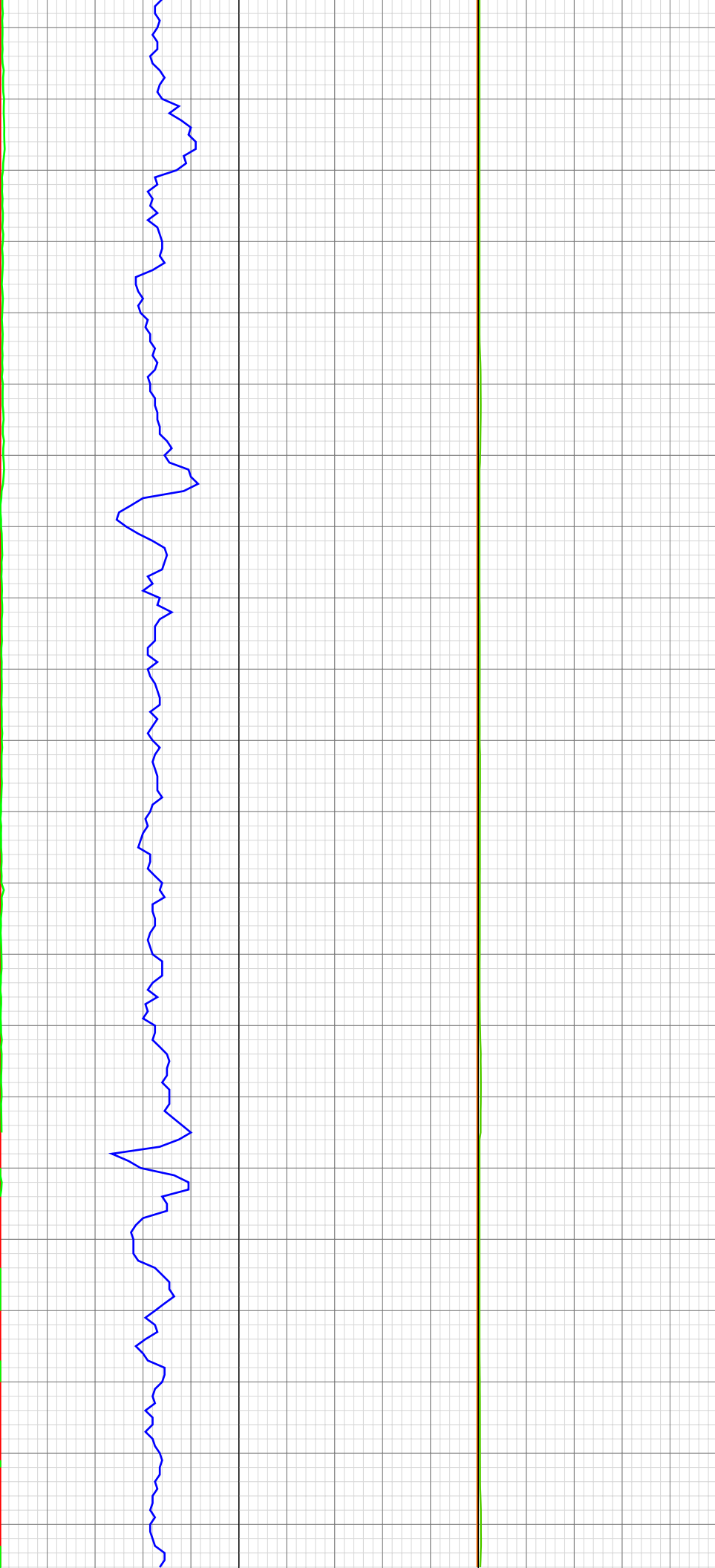
10658.01ft: 400 CFM PILLSON DRILL PIPE
10658.01ft: AIR BYPASSED
10658.01ft: sucked air
10658.01ft: START AIR PILLS
10658.01ft: TRANSFER FROM PREMIX 140 BBLS
10658.01ft: AIR BYPASSED
10658.01ft: START AIR PILLS
10658.01ft: 800 CFM PARA
10658.01ft: 1000 CFM PARA
10658.01ft: 1200 CFM PARA
10658.01ft: 1400 CFM PARA
10658.01ft: 1600 CFM PARA
10658.01ft: 1800 CFM PARA
10658.01ft: LCM/ALCOSORB SWEEP
10658.01ft: LCM/ALCOSORB SWEEP
10658.01ft: 1800 CFM PARA
10658.01ft: LCM/ALCOSORB SWEEP
10658.01ft: PUMP CELLAR
10658.01ft: LCM/ALCOSORB SWEEP
10658.01ft: 1800CFM PARA
10658.01ft: MUD WEIGHT 10.15
10658.01ft: TRANFER 200 BBLS FROM PREMIX
10658.01ft: MUD WEIGHT 10.15
10658.01ft: VIS-58
10658.01ft: WT-10.10
10658.01ft: MUD WEIGHT 10.15
10658.01ft: 1800CFM PARA
10658.01ft: MUD WEIGHT 10.15
10658.01ft: 1800CFM PARA
10658.01ft: MUD WEIGHT 10.20
10658.01ft: LCM SWEEP
10658.01ft: 1600CFM PARA
10658.01ft: TRANSFER 100BBLS
10658.01ft: 1700CFM PARA
10658.01ft: 1700CFM PARA
10658.01ft: 1600CFM PARA
10658.99ft: Connection at 10659.3
10658.99ft: ZWOB from DHC
10662.86ft: TRANSFER 150BBLS
10666.67ft: 1700CFM PARA
10675.85ft: 1800 CFM PARA
10675.98ft: MUD VIS 52.00
10675.98ft: MUD WEIGHT 10.15
10679.36ft: LCM SWEEP
10699.11ft: LCM SWEEP
10714.01ft: ZWOB from SideKick sk-06-03-3730
10714.01ft: ZDiffPressure from SideKick sk-06-03-3730
10749.02ft: MUD VIS 55.00
10749.02ft: ZDIFF 10.10
10749.02ft: ZDIFF from DHC
10749.38ft: Connection at 10750.8
10749.38ft: WAIT ON RIG 308
10749.38ft: LCM SWEEP
10749.38ft: 1800 CFM PARA
10756.00ft: TRANSFERRED 200.00
10766.01ft: ZDIFF from DHC
10766.37ft: ZDIFF from DHC
10777.99ft: 021TGAS 01050138
SWO.30 HW25.00 - 108 days on
10781.00ft: MUD WEIGHT 10.20
10781.00ft: MUD VIS 55.00
10794.00ft: ZDiffPressure from SideKick sk-06-03-3730
10794.82ft: ZWOB from SideKick sk-06-03-3730
10839.99ft: ZDiffPressure from SideKick sk-06-03-3730
10840.09ft: Connection at 10842.6
10840.09ft: SURVEY @ 10797 2.3 INC. 20.6 AZ.
10840.09ft: WAIT ON RIG 308
10886.06ft: 1800 CFM PARA
10898.00ft: MUD WEIGHT 10.15
10898.00ft: MUD VIS 54.00
10929.63ft: Connection at 10934.2
10931.40ft: 1700 CFM PARA
10945.01ft: MUD VIS 58.00
10945.01ft: MUD WEIGHT 10.15
10946.00ft: ZDIFF from DHC
10946.00ft: ZDiffPressure from SideKick sk-06-03-3730
11022.01ft: ZWOB from SideKick sk-06-03-3730
11022.01ft: ZDiffPressure from SideKick sk-06-03-3730
11022.67ft: SURVEY @ 10981 2.1 INC. 1.3 AZ.
11022.67ft: Connection at 11026.0
11022.67ft: 1600 CFM PARA
11025.98ft: IN TALLY: HOLE DEPTH SET TO 11026.0
11071.00ft: MUD VIS 55.00
11072.01ft: MUD WEIGHT 10.10

03:09 11110
03:49 11120
03:58 11130
04:03 11140
04:09 11150
04:15 11160
04:20 11170
04:26 11180
04:30 11190
04:38 11200
05:30 11210
05:46 11220
05:57 11230
06:08 11240
06:17 11250
06:28 11260
06:35 11270
06:46 11280
06:53 11290
07:24 11300
07:34 11310
07:40 11320



11111.02ft: 1500 CFM PARA
11116.44ft: Connection at 11117.7
11121.00ft: ZDiffPressure from SideKick sk-06-03-3730
11121.46ft: ZWOB from SideKick sk-06-03-3730
11124.02ft: MUD VIS 10.15
11124.02ft: MUD VIS 55.00
11155.74ft: LCM SWEEP
11206.99ft: MUD VIS 53.00
11206.99ft: MUD WEIGHT 10.25
11206.99ft: ZWOB from SideKick sk-06-03-3730
11206.99ft: ZDiffPressure from SideKick sk-06-03-3730
11207.25ft: 1500 CFM PARA
11207.25ft: Connection at 11209.5
11209.94ft: LCM SWEEP
11210.01ft: ZWOB from SideKick sk-06-03-3730
11210.01ft: ZDiffPressure from SideKick sk-06-03-3730
11212.01ft: MUD VIS 58.00
11212.01ft: MUD WEIGHT 10.15
11231.76ft: 1600 CFM PARA
11255.02ft: H2O 10GPM
11297.01ft: IN TALLY: HOLE DEPTH SET TO 11301.1
11297.01ft: ZWOB from DHC
11301.15ft: Connection at 11301.1
11301.15ft: SURVEY @11256 1.2 INC 289.1 AZ TRANSFER 200BBLs TO ACTIVE
11302.43ft: 1600CFM PARA
11308.01ft: TRANSFERRED 200.00
11314.01ft: MUD VIS 62.00
11314.01ft: MUD WEIGHT 10.15

07:47 11330
07:57 11340
08:01 11350
08:08 11360
08:15 11370
08:23 11380
08:29 11390
09:04 11400
09:14 11410
09:22 11420
09:33 11430
09:40 11440
09:45 11450
09:51 11460
10:01 11470
10:09 11480
10:49 11490
10:54 11500
11:00 11510
11:09 11520
11:16 11530
11:24 11540



11357.25ft: 1500CFM PARA

11380.38ft: 1600CFM PARA

11391.01ft: MUD WEIGHT 10.20
11391.50ft: MUD VIS 66.00
11391.50ft: Connection at 11392.9

11399.02ft: MUD WEIGHT 10.15
11399.02ft: MUD VIS 60.00

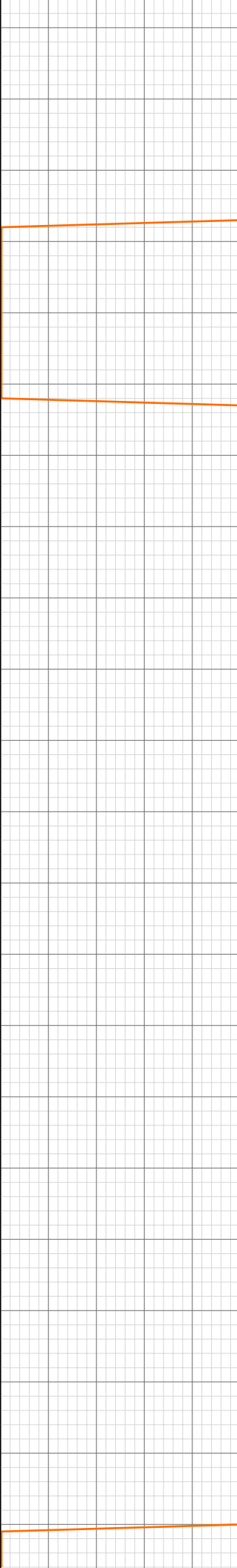
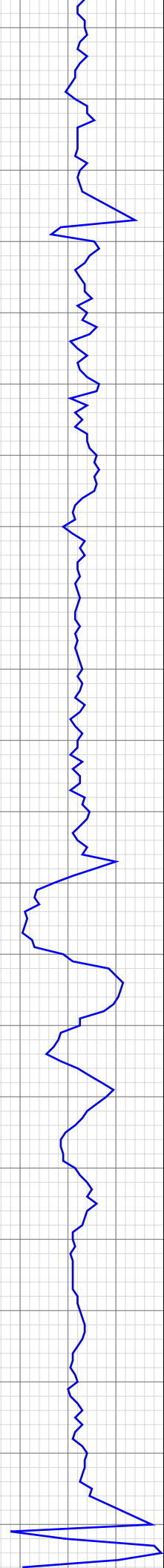
11477.99ft: MUD VIS 52.00
11477.99ft: MUD WEIGHT 10.20
11481.99ft: IN TALLY: HOLE DEPTH
SET TO 11484.3
11484.29ft: WAIT ON 308 SURVEY
11484.29ft: Connection at 11484.3

11491.08ft: 1600CFM PARA

11520.01ft: MUD VIS 54.00
11520.01ft: MUD WEIGHT 10.15

11537.70ft: LCM SWEEP

11:35 11550
11:41 11560
11:47 11570
12:22 11580
12:50 11590
13:13 11600
13:26 11610
13:32 11620
13:40 11630
13:47 11640
13:52 11650
13:58 11660
14:17 11670
14:22 11680
14:26 11690
14:33 11700
14:38 11710
14:44 11720
14:48 11730
14:52 11740
14:57 11750
15:48 11760



11573.00ft: IN TALLY: HOLE DEPTH
SET TO 11576.1
11576.05ft: Connection at 11576.1
11576.05ft: TRANSFER 200BBLS
11581.00ft: MUD VIS 55.00
11581.00ft: MUD WEIGHT 10.15

11589.24ft: 1600CFM PARA
11589.99ft: MUD VIS 60.00
11590.32ft: MUD WEIGHT 10.15

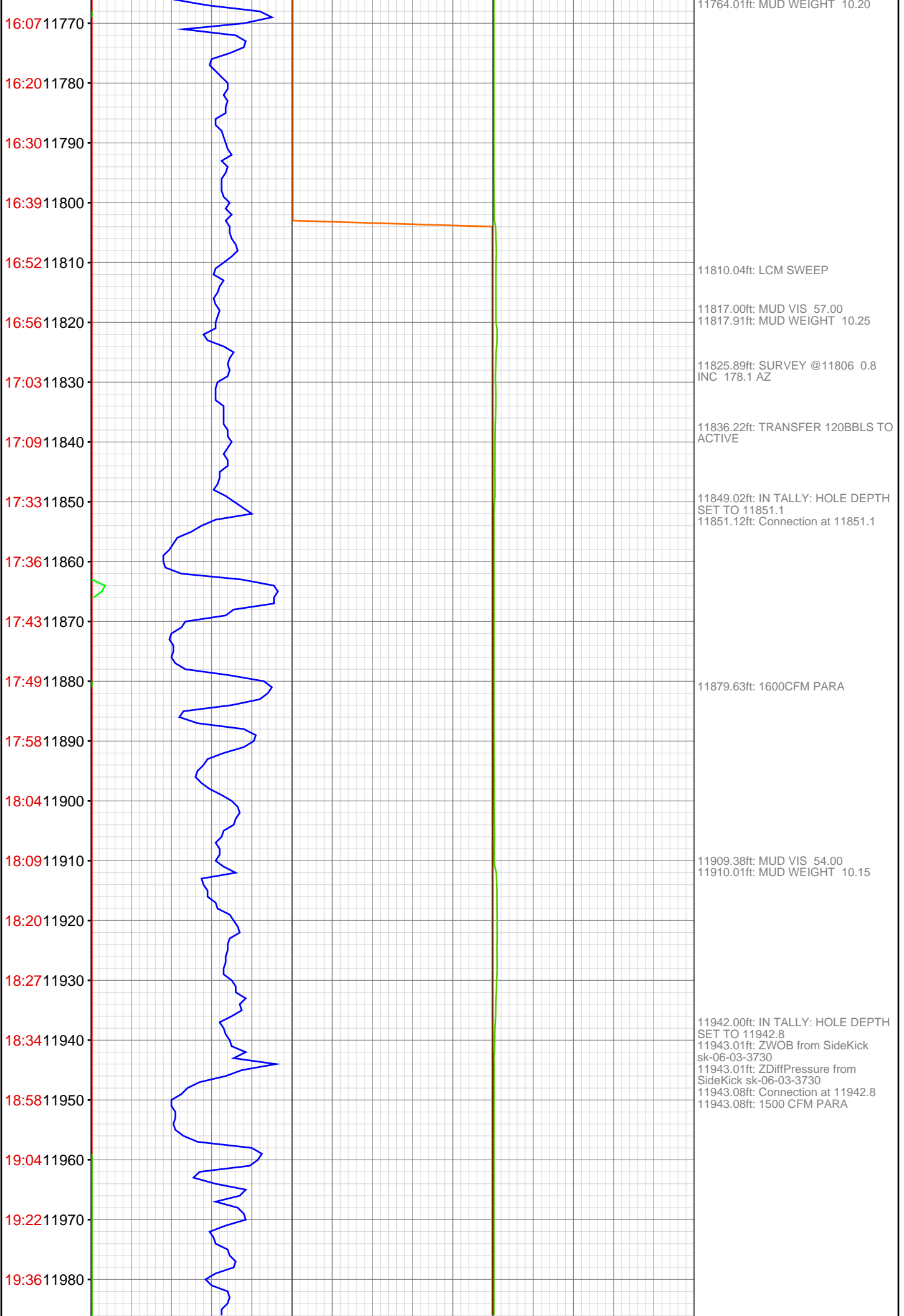
11635.01ft: MUD VIS 57.00
11635.01ft: MUD WEIGHT 10.20

11640.72ft: PUMPING DITCHS

11666.96ft: Connection at 11667.7

11727.99ft: MUD WEIGHT 10.20
11728.58ft: MUD VIS 54.00

11756.00ft: IN TALLY: HOLE DEPTH
SET TO 11759.5
11759.48ft: RIG SERVICE
11759.48ft: 1400CFM PARA
11759.48ft: Connection at 11759.5
11759.65ft: 1600CFM PARA
11762.70ft: MUD VIS 58.00



19:52 11990
20:08 12000
20:32 12010
20:59 12020
21:19 12030
22:23 12040
22:34 12050
22:49 12060
23:10 12070
23:17 12080
23:22 12090
23:36 12100
23:45 12110
23:55 12120
Sep 22, 2010
00:24 12130
00:36 12140
00:48 12150
00:56 12160
01:04 12170
01:07 12180
01:11 12190
01:22 12200



12002.69ft: LCM SWEEP
12009.38ft: PUMP CELLAR
12028.28ft: 1500 CFM PARA
12033.99ft: MUD VIS 65.00
12033.99ft: 021TGAS 01050138
12033.99ft: ZWOB from DHC
12033.99ft: ZDIFF from DHC
12033.99ft: MUD WEIGHT 10.10
12034.68ft: WAIT ON RIG 308
12034.68ft: MUD WEIGHT 10.20
12034.68ft: Connection at 12034.4
12034.68ft: MUD VIS 55.00
12036.19ft: LCM SWEEP
12064.01ft: MUD VIS 65.00
12064.01ft: MUD WEIGHT 10.15
12081.99ft: 1500 CFM PARA
12110.01ft: MUD VIS 55.00
12110.01ft: MUD WEIGHT 10.10
12118.93ft: PUMP CELLAR
12122.01ft: TRANSFERRED 120.00
12124.02ft: MUD VIS 57.00
12124.02ft: MUD WEIGHT 10.10
12124.02ft: ZWOB from SideKick
sk-06-03-3730
12124.02ft: ZDiffPressure from
SideKick sk-06-03-3730
12124.02ft: IN TALLY: HOLE DEPTH
SET TO 12126.1
12124.11ft: Connection at 12126.1
12191.60ft: TRANSFER 60BBLs
FROM PREMIX
12195.01ft: TRANSFERRED 50.00

01:27 12210
02:18 12220
02:30 12230
02:42 12240
02:51 12250
03:02 12260
03:09 12270
03:20 12280
03:28 12290
03:37 12300
04:01 12310
04:14 12320
04:28 12330
04:39 12340
04:51 12350
05:02 12360
05:09 12370
05:15 12380
05:21 12390
05:41 12400
05:49 12410
05:57 12420



12214.99ft: ZDiffPressure from SideKick sk-06-03-3730
12215.91ft: WAIT ON RIG 308
12215.91ft: Connection at 12217.8

12227.99ft: ZDIFF from DHC

12239.99ft: ZDiffPressure from SideKick sk-06-03-3730

12249.57ft: 1500 CFM PARA

12306.00ft: ZDiffPressure from SideKick sk-06-03-3730
12306.30ft: Connection at 12309.5
12306.30ft: ZWOB from SideKick sk-06-03-3730

12327.99ft: MUD WEIGHT 10.15
12329.00ft: MUD VIS 57.00

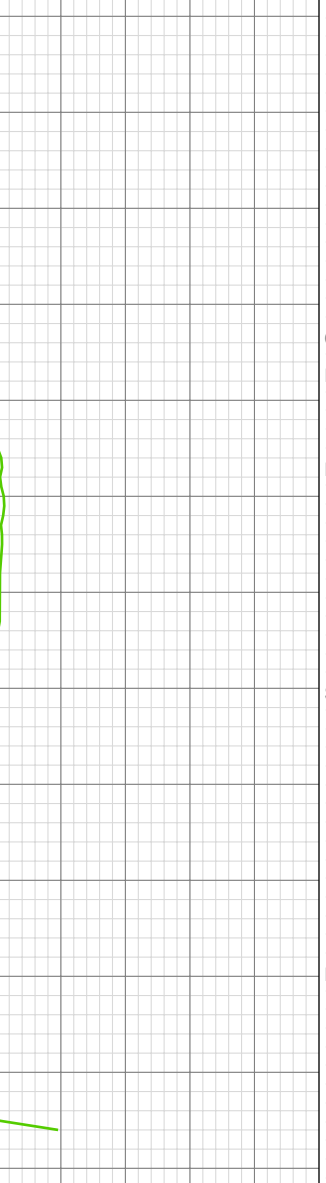
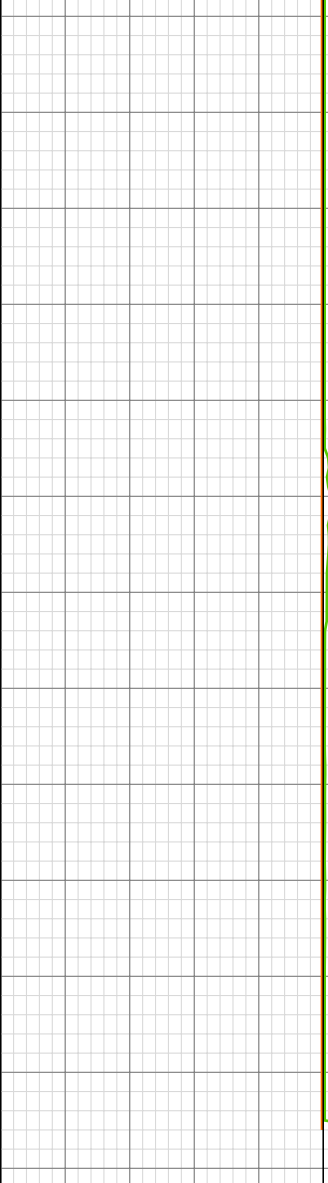
12348.00ft: ZDiffPressure from SideKick sk-06-03-3730
12354.00ft: MUD VIS 0.70
12354.00ft: MUD WEIGHT 10.15

12369.00ft: 1400 CFM PARA

12397.01ft: ZDiffPressure from SideKick sk-06-03-3730
12397.01ft: ZWOB from SideKick sk-06-03-3730
12397.97ft: Connection at 12401.1
12399.02ft: MUD VIS 72.00
12399.02ft: MUD WEIGHT 10.10

12445.51ft: I/O VIS 55/56 WT 10.15/10.15
12448.39ft: 1400CFM PARA
12465.26ft: PUMPING CELLAR
12475.00ft: TRANSFERRED 130.00
12481.20ft: I/O VIS 70/73 WT 10.1/10.2
12487.99ft: IN TALLY: HOLE DEPTH

06:07 12430
06:18 12440
06:26 12450
06:41 12460
07:09 12470
07:31 12480
08:21 12490
08:28 12500
08:41 12510
08:56 12520
09:13 12530
09:31 12540
12550



SET TO 12492.9
12492.85ft: Connection at 12492.9
12503.31ft: VIS 75 WT 10.1
12505.12ft: 1400CFM PARA
12510.30ft: PUMPING CELLAR
12518.01ft: MUD VIS 0.79
12521.65ft: 1500CFM PARA
12523.88ft: VIS=79 WT= 10.1
12536.42ft: 1600CFM PARA
12545.01ft: TRANSFERRED 200.00
12545.01ft: TRANSFERRED 200.00
12545.41ft: PUMP SWEEP
12545.41ft: I/O VIS 69/77 WT
10.1/10.15
12545.41ft: PUMP CELLER
12545.41ft: 1600CFM PARA
12545.41ft: PUMP CELLER
12545.41ft: AIR BYPASSED
12545.41ft: PUMPING CELLAR WILL
CHANGE RUBBER ON WIPER TRIP
12545.41ft: CHANGE ROTATING
RUBBER
12545.41ft: PUMPING AIR PILLS
12545.41ft: 600CFM PARA
12545.41ft: 800CFM PARA
12545.41ft: TRANFER 200 BBLS
FROM PRE MIX
12545.41ft: 1200CFM PARA
12545.41ft: 1400CFM PARA
12545.41ft: 1200CFM PARA
12545.54ft: 1400CFM PARA
12546.00ft: MUD VIS 68.00
12546.00ft: MUD WEIGHT 10.10
12546.00ft: MUD VIS 75.00
12546.00ft: MUD WEIGHT 10.10
12546.00ft: MUD WEIGHT 10.10
12546.00ft: MUD VIS 68.00
12546.00ft: 021TGAS 01050138
SWO.30 HW25.00 - 110 days on
12546.06ft: 1500CFM PARA
12546.06ft: 1600CFM PARA
12546.16ft: 1400CFM PARA
12546.16ft: PUMP CELLAR
12546.16ft: 1300 CFM PARA
12546.16ft: 1200 CFM PARA
12546.16ft: AIR BYPASSED
12546.16ft: AIR 400 CFM PARA
12546.16ft: 600 CFM PARA
12546.16ft: 800 CFM PARA
12546.16ft: 1000 CFM PARA
12546.16ft: TRANSFER 100BBLS
12546.16ft: 1200 CFM PARA
12546.16ft: LCM SWEEP 1400 CFM
PARA
12546.16ft: 1600 CFM PARA
12546.16ft: TRANSFER 100BBLS
12546.16ft: TRANSFER 150BBLS
12546.16ft: 1000 CFM PARA
12546.16ft: AIR BYPASSED
12546.16ft: TRANSFER 350BBLS
12546.16ft: RIG SERVICE
12546.16ft: START AIR PILLS
12546.16ft: 600CFM PARA
12546.16ft: 800CFM PARA
12546.16ft: 1000CFM PARA
12546.16ft: 1400CFM PARA
12546.16ft: 1200CFM PARA
12546.16ft: 1400CFM PARA
12546.16ft: 1800CFM PARA