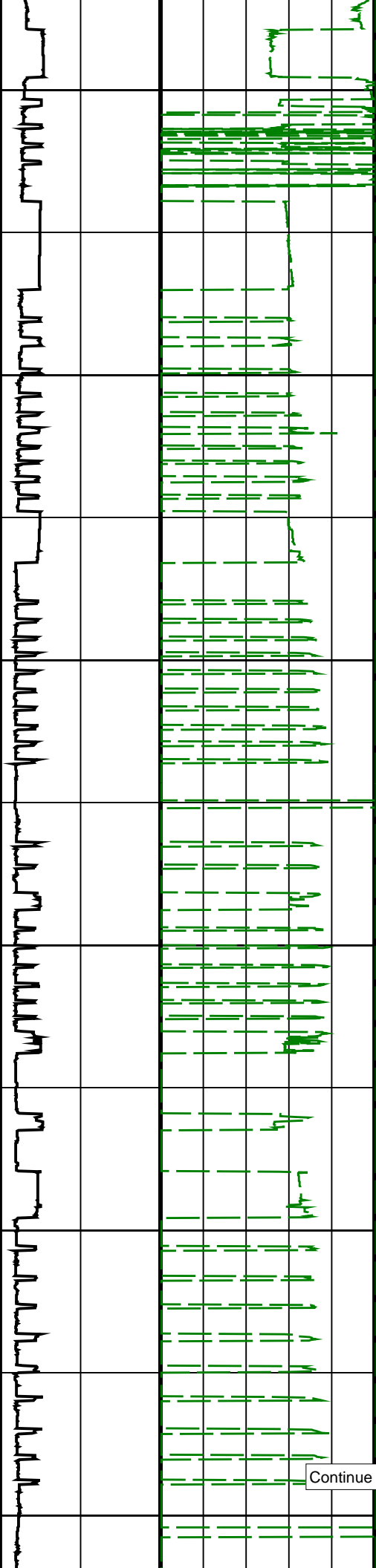


Drilling Mechanics Time Log

IDEAL Version: ID14_0C_02 < > Vertical Scale: 2" per 3600S

Graphics File Created: 08-Nov-2008 18:08

Hookload (HKLD) 0 (KLBF) 400		Surface WOB (SWOB) 0 (KLBF) 100								Bit off Bottom From DMT7 to Bit_on_bottom/2hz/Curve					
MD (DEPT) 0 (M) 100		Vib X-Axis (VIBX_RT) 5 (G) 0		MWD Collar RPM (CRPM_RT) (RPM) 0 400		RES_A (P40H_ UNC_RT) (OHMM) 0.2 200		Stand_pipe_pressure (SPPA) 0 (PSI) 5000							
Rop*5 (ROP5) 200 (M/HR) 0		Lateral Vib (VIBLAT_RT) 5 (G) 0		Shock Peak (SHKPK_RT) (G) 200		PKPK_RPM (Stick_RT) 0 (RPM) 400		RES_A (P16H_ UNC_RT) (OHMM) 0.2 200		Trpm (TRPM_RT) (RPM) 0 5000		ARC Equivalent Circulating density (ECD_ARC_RT) 9 (LB/G) 14			
Bit Depth Value (DEPT) (M)		MSE (LCOMP1) 0 (KPSI) 200		Surface rpm (RPM) (RPM) 0 200		Surface torque (TQA) 0 (KFLB) 50		RES_A (P28H_ UNC_RT) (OHMM) 0.2 200		Average Flow 30sec (TFLO30s) (GPM) 0 800		ARC Annulus Temperature (ATMP_RT) (DEGC) 0 200			
4741.8															
				18Oct 06:00											
				18Oct 07:00											
				Conduct SHT – Good Outcome Flow = ~420 GPM											
				18Oct 08:00											
				Continue to RIH											



18Oct
09:00

18Oct
10:00

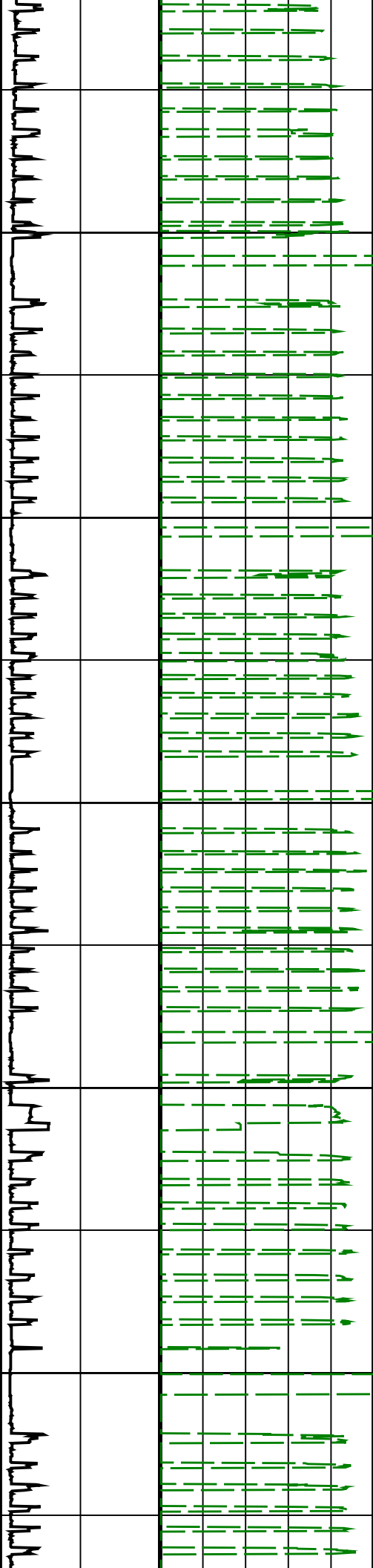
18Oct
11:00

18Oct
12:00

18Oct
13:00

18Oct
14:00

Continue to RIH, and fill pipe



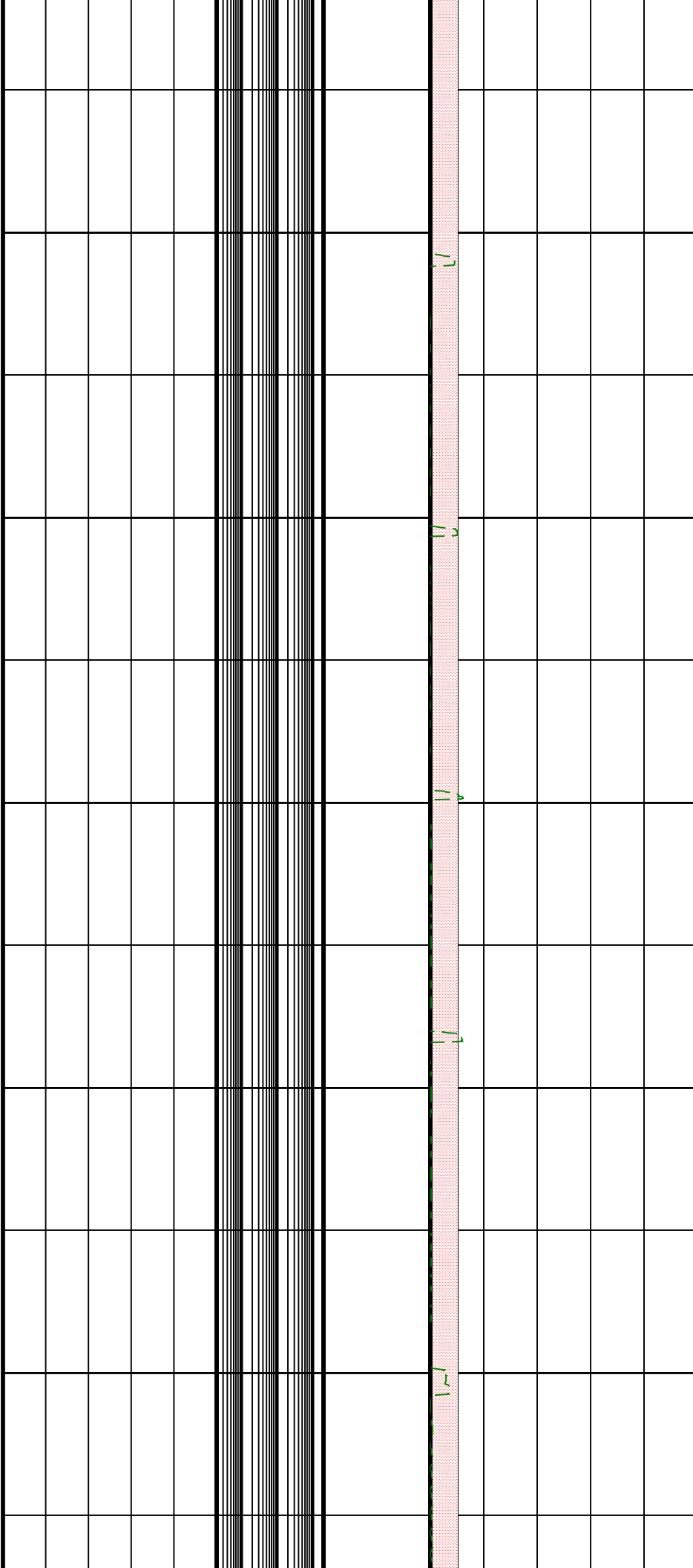
18Oct
15:00

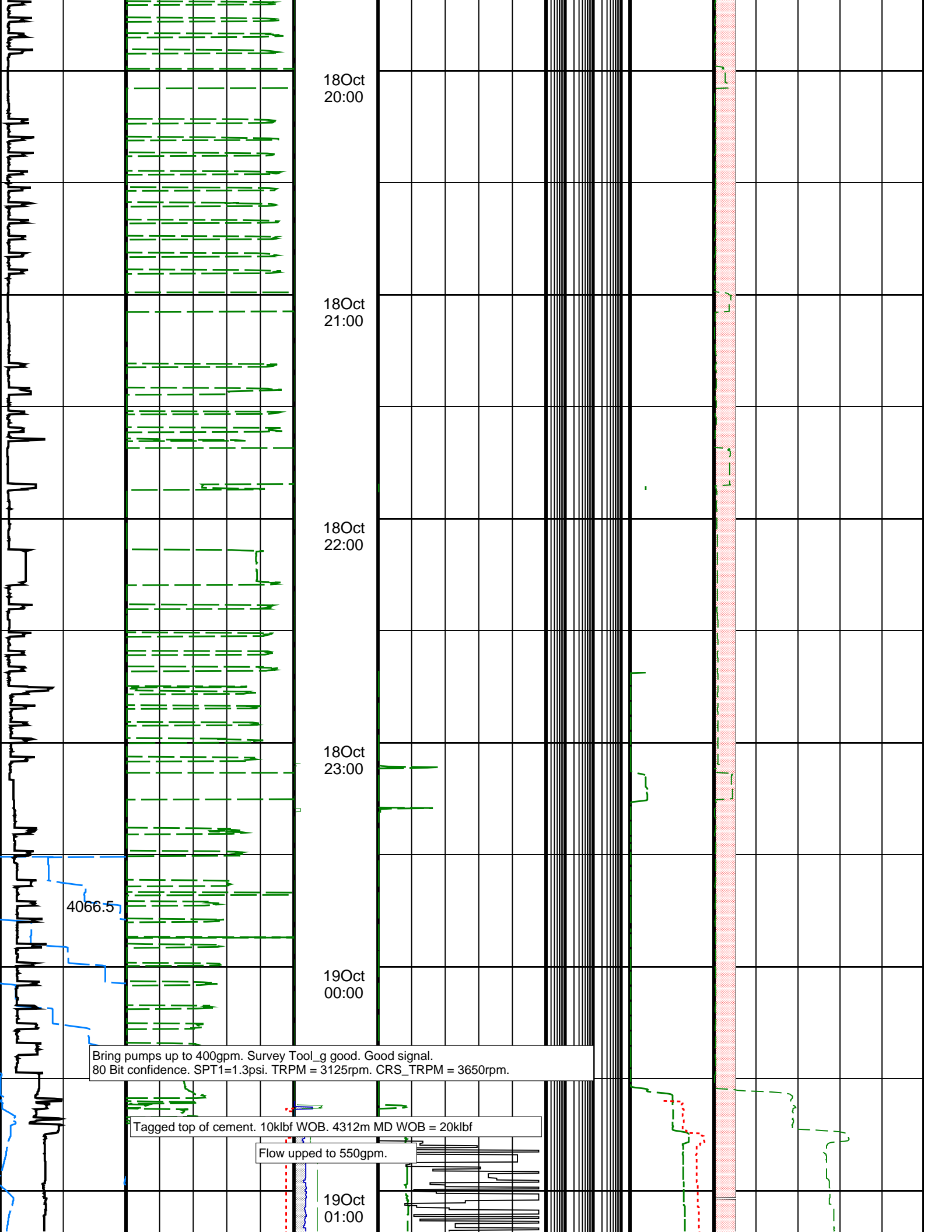
18Oct
16:00

18Oct
17:00

18Oct
18:00

18Oct
19:00





4304.6

Circulate and condition mud

19Oct
02:00

Drill through cement to KO point.
No MWD shocks, small amounts of stick slip and Vib_Lat = 0.25g

4350.3

19Oct
03:00

DL to Xceed
Command not successful.

19Oct
04:00

4362.5

DL to Xceed
TF = 108, SR = 100%

19Oct
05:00

DL to Xceed. AngleX = Source 1. Toolface now correct.

Noticed CRS_CNINC jumped from 49deg to 91deg. Cycled pumps. MWD survey showed 49deg, CRS survey was showing extremely low ToolG of 4.98. Also erratic toolface readings.

4370.2

Noticed 100psi drop in SPP from 5:00–5:45am No loss in TRPM.

19Oct
06:00

Bring RPM up to 90 and time drill at 2 m/hr – TF = 108, SR = 100%

MW in and out = 10.6ppg. Visc 73

19Oct
07:00

Stick Slip level increased to level 3 and the toolface on the Xceed also became erratic pick up off bottom.

Xceed is failing to hold toolface. picking up off bottoms still shows Level 3 stick slip Downlink to MWD angle X source and see if there is any improvement. Recycling pumps shows no improvement. Survey FAC indicates out of tolerance on toolG 4.84 (Expected 1000.02). Tool H 275 (Expected 59902)

19Oct
08:00

DL to MWD angle X source- Toolface is still erratic
Possibility of pulling out of hole.

19Oct
09:00

POOH due to Xceed failing to hold toolface.

19Oct
10:00

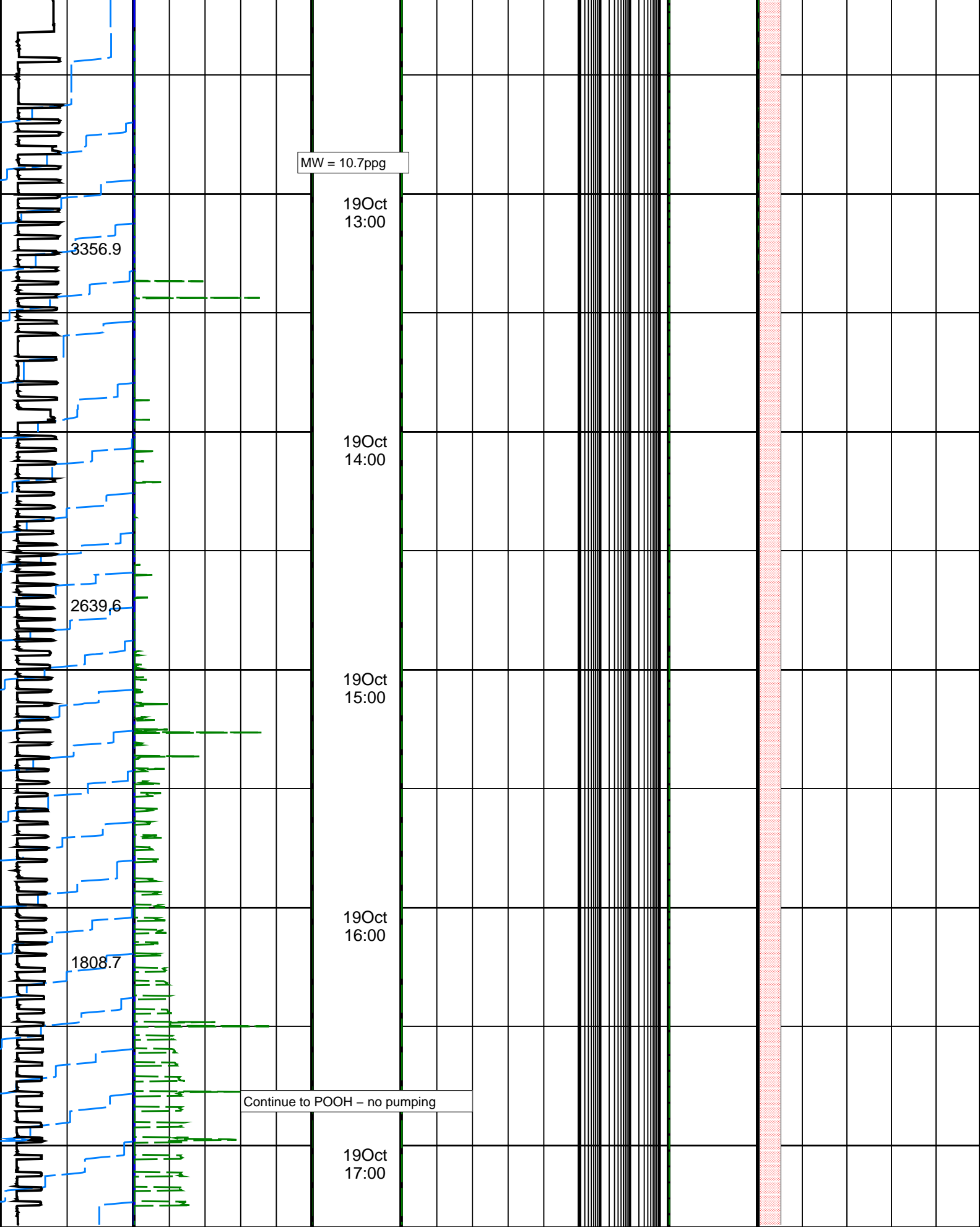
19Oct
11:00

19Oct
12:00

4361.4

4106.2

3804.6



Bit Depth Value (DEPT) (M)	MSE (LCOMP1) (KPSI)	Surface rpm (RPM) (RPM)	Surface_torque (TQA) (KFLB)	RES_A (P28H_ UNC_RT) (OHMM)	Average Flow 30sec (TFLO30s) (GPM)	ARC Annulus Temperature (ATMP_RT) (DEGC)
0	200	0 200	0 50			0 200

<div><div>Rop*5 (ROP5)</div><div>200 (M/HR) 0</div></div>	<div><div>Lateral Vib (VIBLAT_RT)</div><div>5 (G) 0</div></div>	<div><div>Shock Peak (SHKPK_RT)</div><div>0 (G) 200</div></div>	<div><div>PKPK_RPM (Stick_RT)</div><div>0 (RPM) 400</div></div>	<div><div>RES_A (P16H_ UNC_RT) (OHMM)</div><div>0.2 200</div></div>	<div><div>Trpm (TRPM_RT) (RPM)</div><div>0 5000</div></div>	<div><div>ARC Equivalent Circulating density (ECD_ARC_RT)</div><div>9 (LB/G) 14</div></div>
<div><div>MD (DEPT)</div><div>0 (M) 100</div></div>	<div><div>Vib X–Axis (VIBX_RT)</div><div>5 (G) 0</div></div>	<div><div>MWD Collar RPM (CRPM_RT) (RPM)</div><div>0 400</div></div>		<div><div>RES_A (P40H_ UNC_RT) (OHMM)</div><div>0.2 200</div></div>		<div><div>Stand pipe pressure (SPPA)</div><div>0 (PSI) 5000</div></div>
<div><div>Hookload (HKLD)</div><div>0 (KLBF) 400</div></div>	<div><div>Surface WOB (SWOB)</div><div>0 (KLBF) 100</div></div>					<div><div>Bit off Bottom</div><div>From DMT7 to Bit_on_bottom/2hz/Curve</div></div>