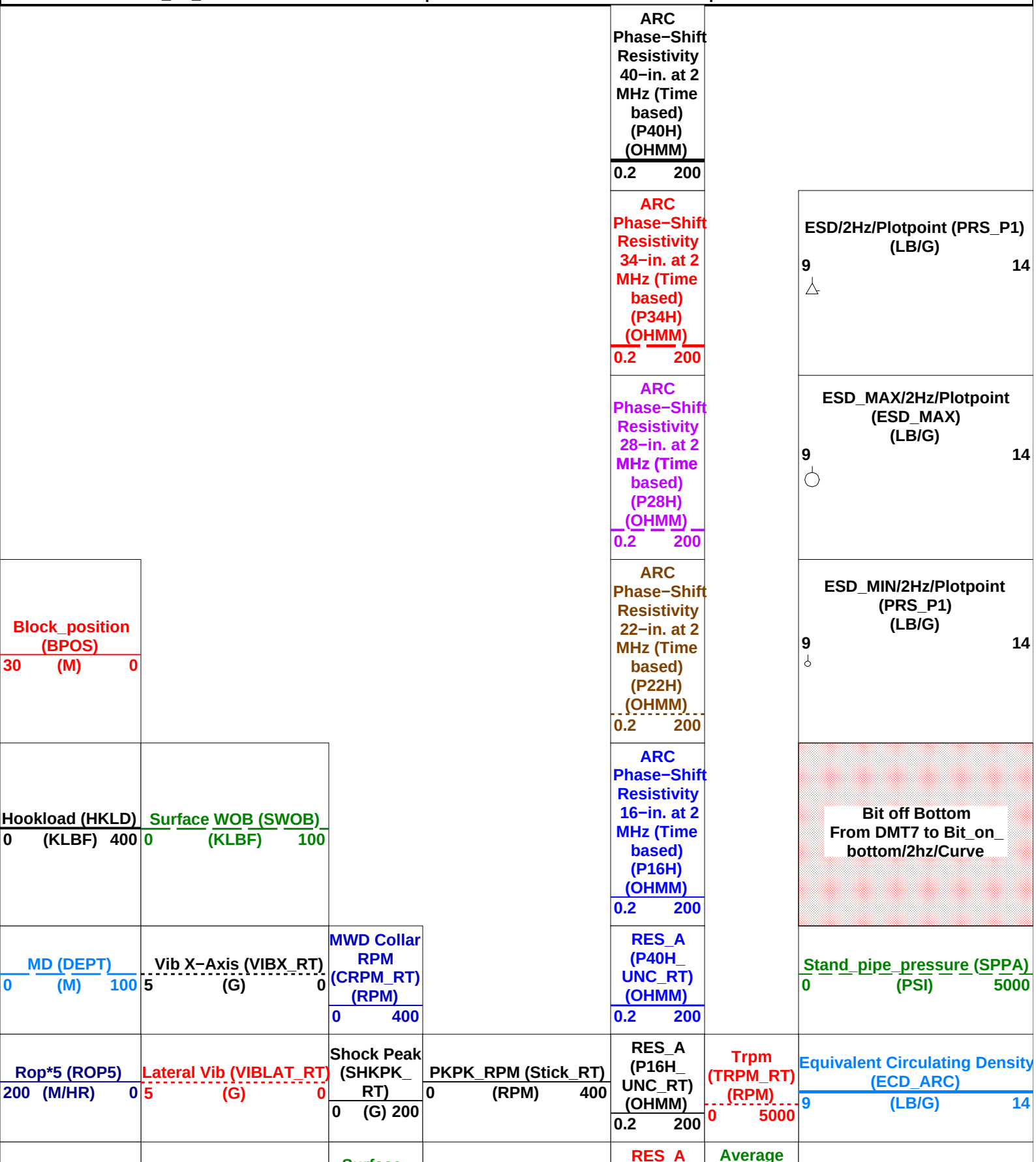
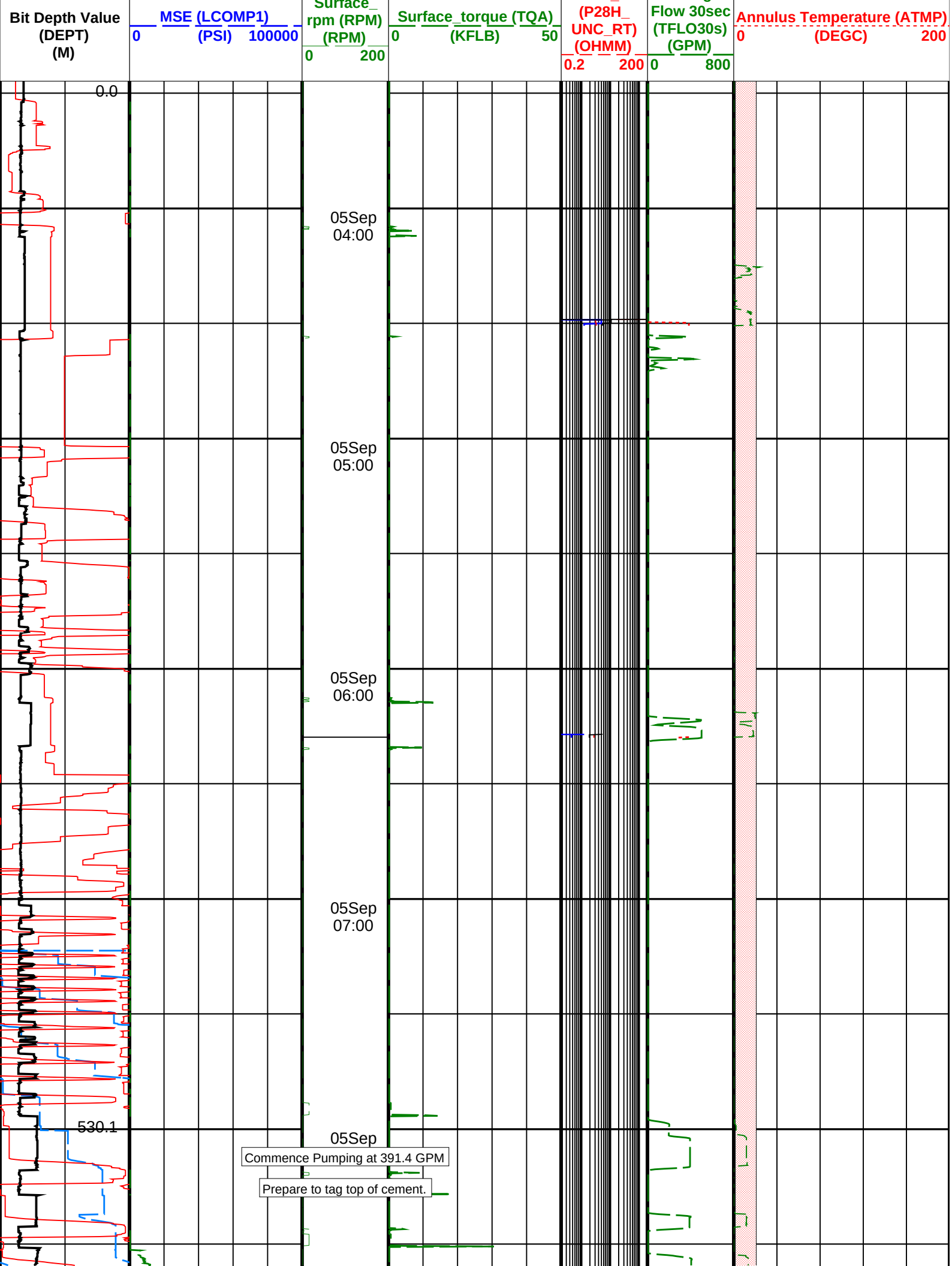
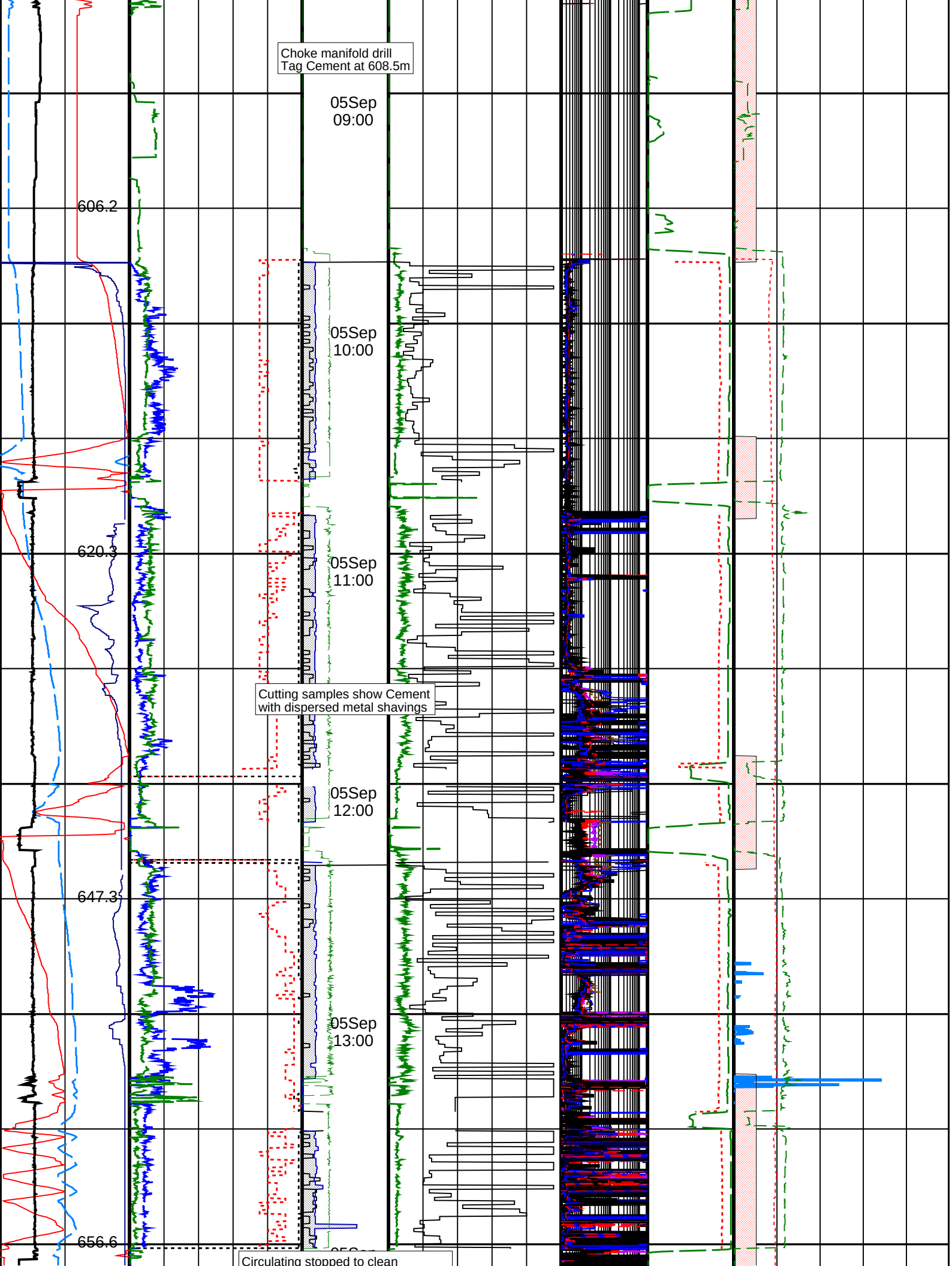
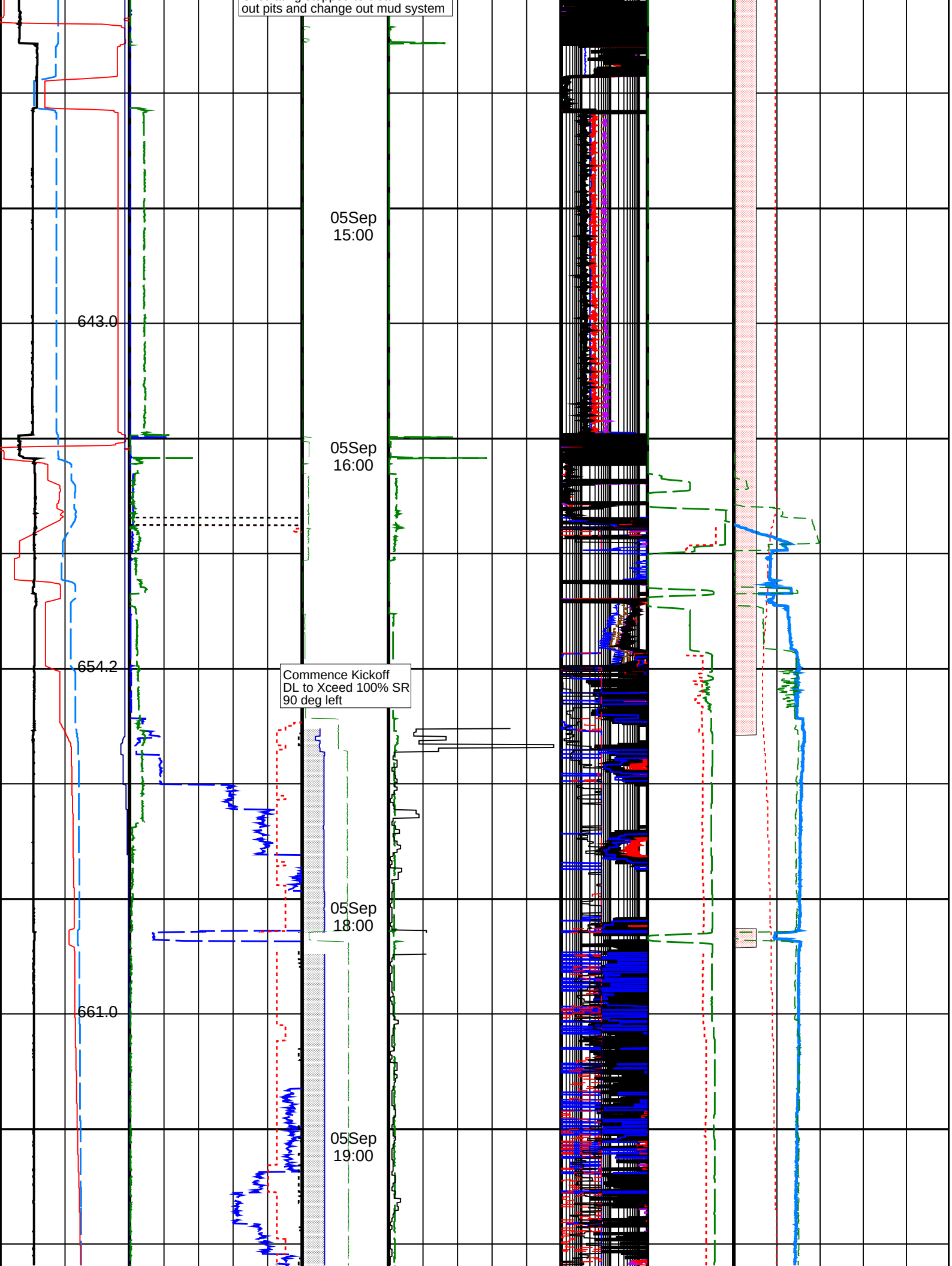
Drilling Mechanics Time Log

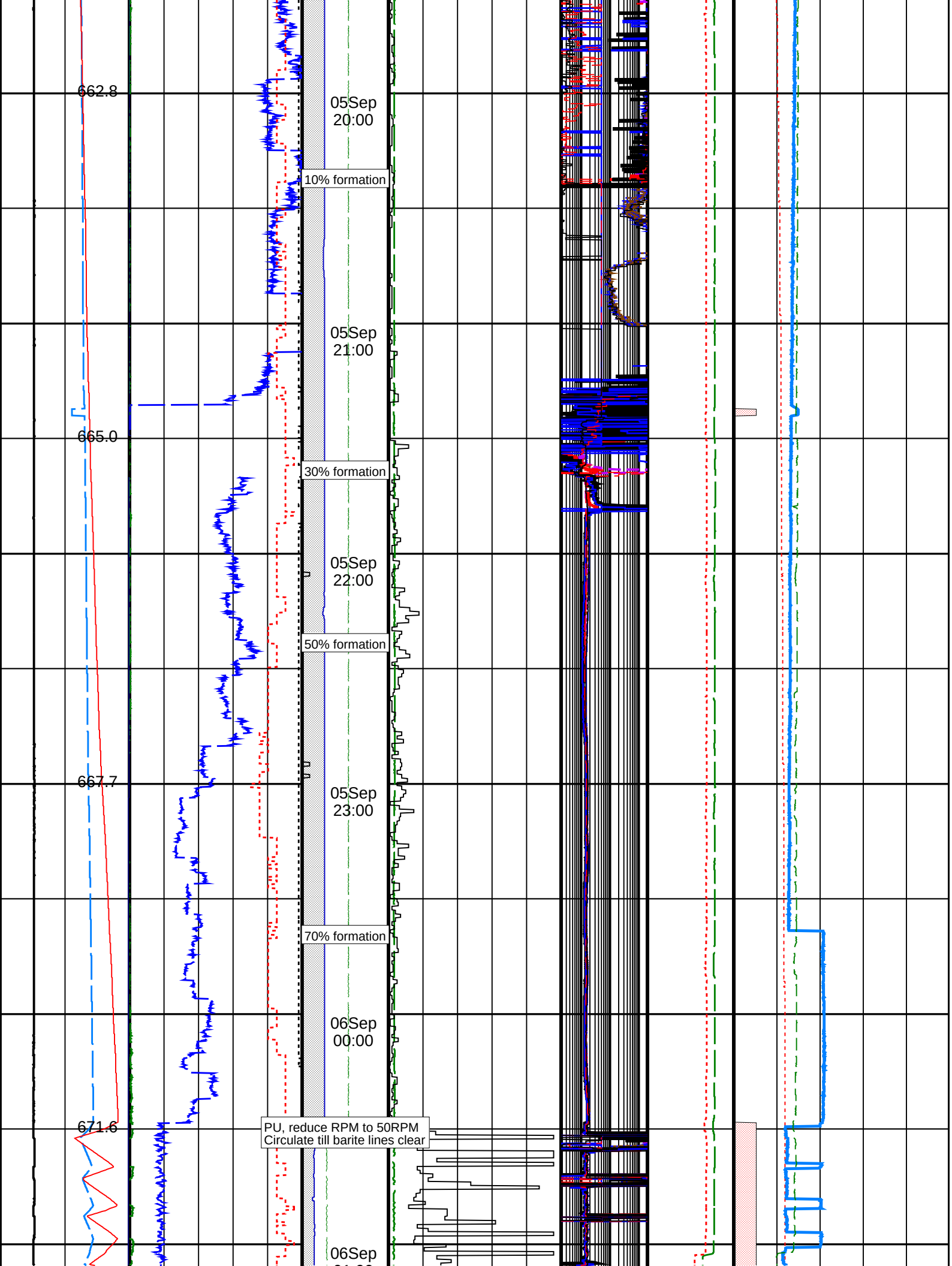
IDEAL Version: ID12_0C_13 < > Vertical Scale: 2" per 3600S Graphics File Created: 18-Dec-2007 13:02

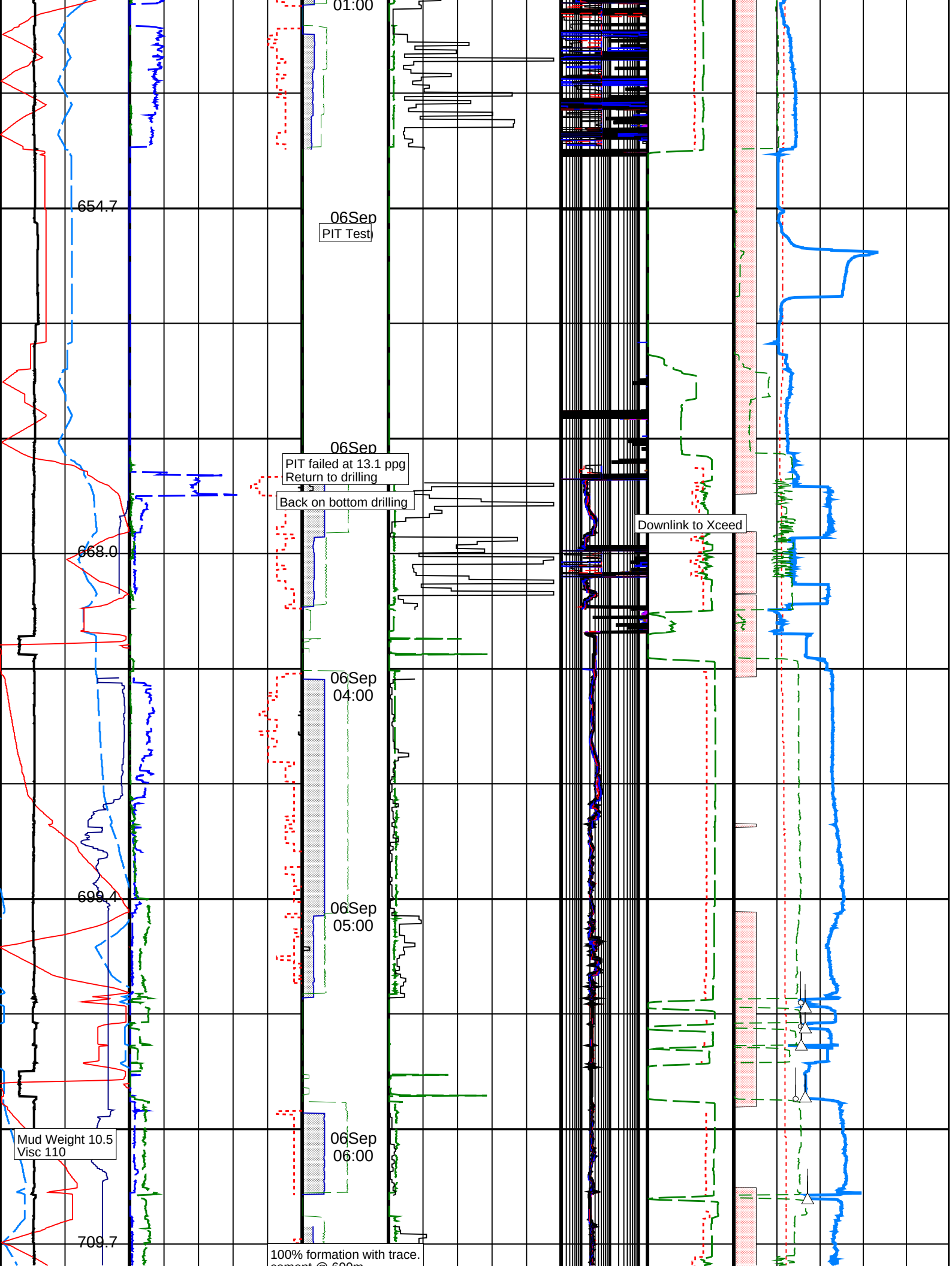


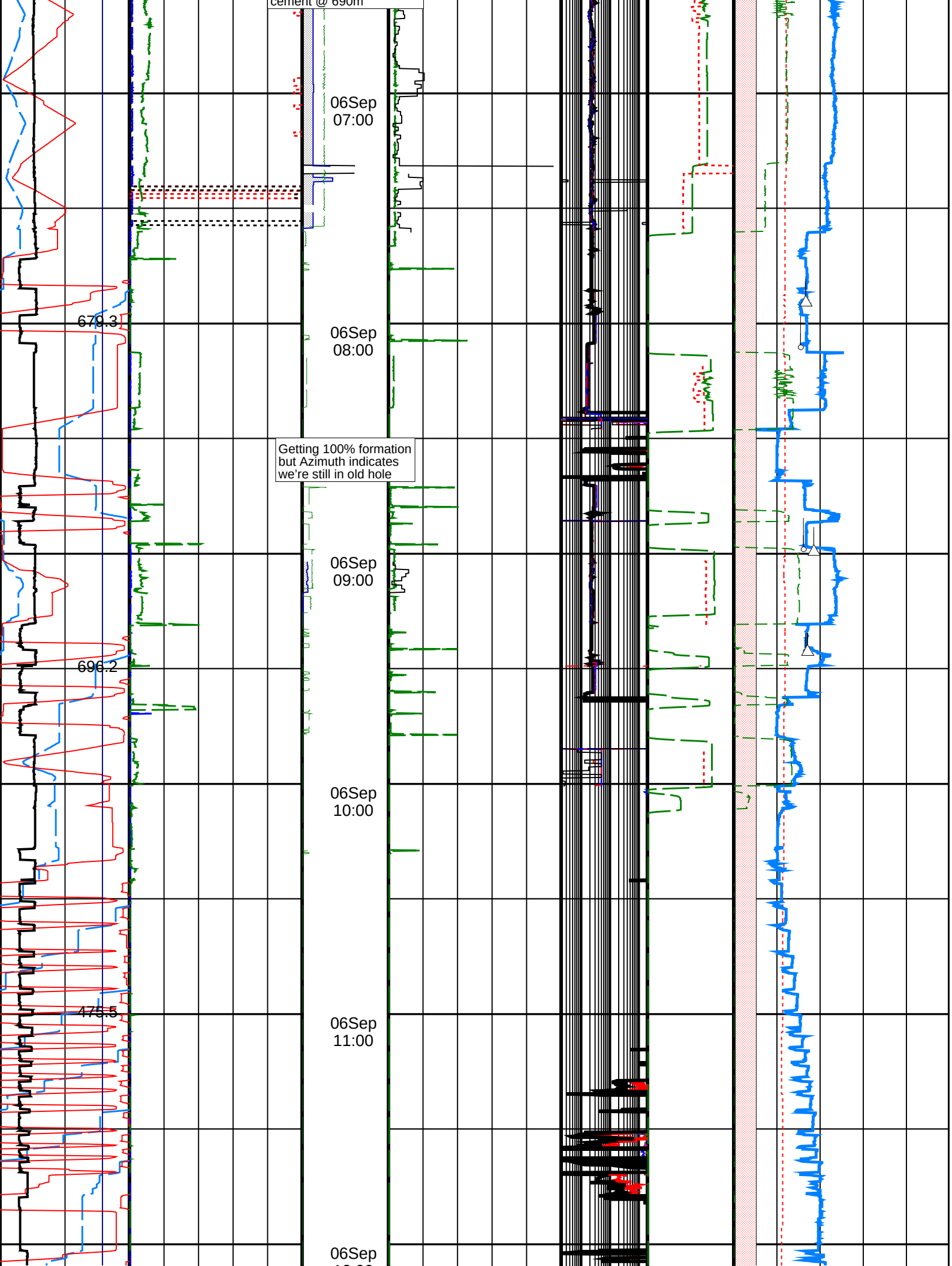

Bit Depth Value (DEPT) (M)
MSE (LCOMP1)
0
(PSI)
100000
Surface_ rpm (RPM) (RPM)
0
200
Surface_torque (TQA)
0
(KFLB)
50
(P28H_ UNC_RT) (OHMM)
0.2
200
Flow 30sec (TFLO30s) (GPM)
0
800
Annulus Temperature (ATMP)
0
(DEGC)
200
0.0
05Sep 04:00
05Sep 05:00
05Sep 06:00
05Sep 07:00
530.1
05Sep
Commence Pumping at 391.4 GPM
Prepare to tag top of cement.

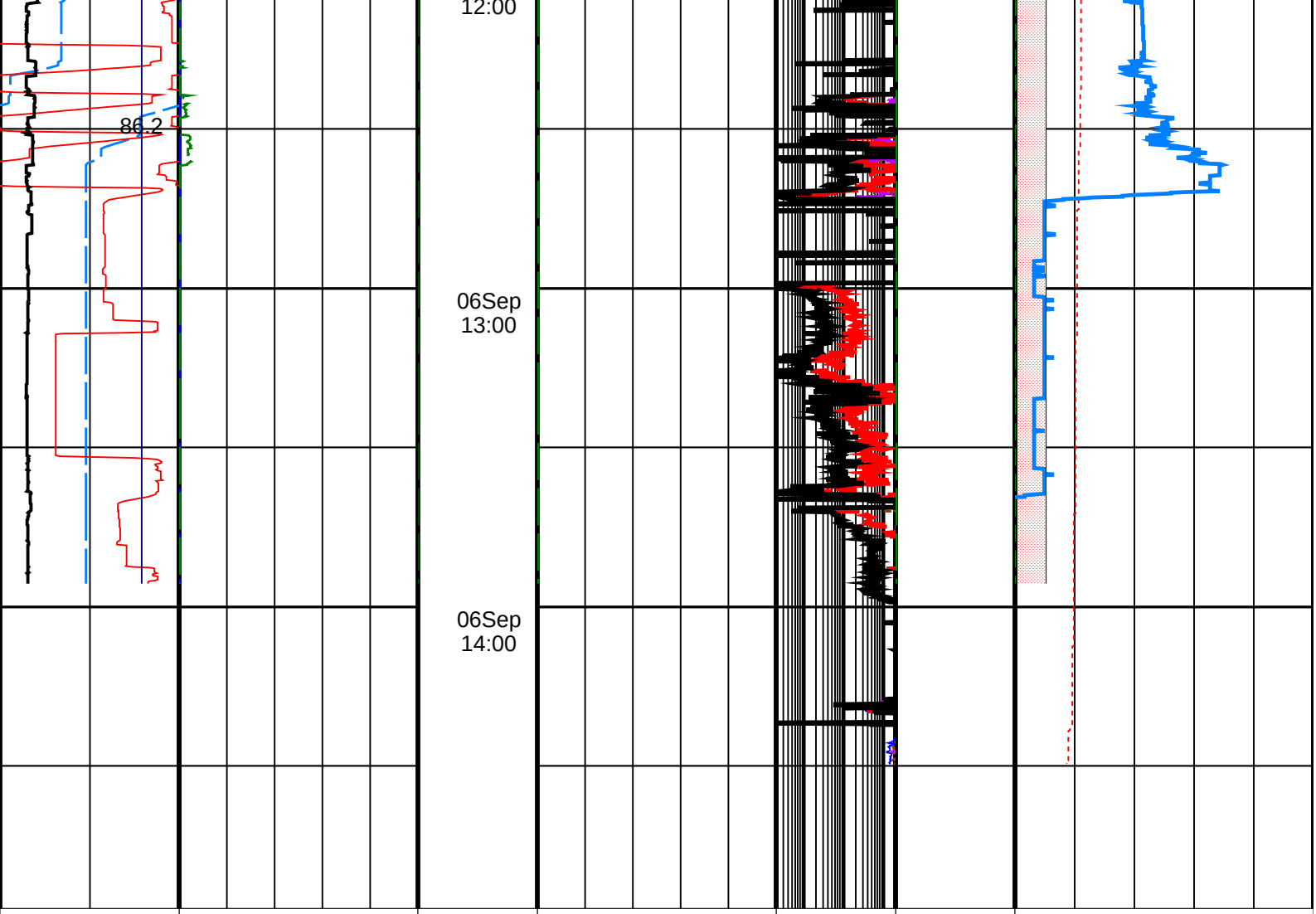

Choke manifold drill
Tag Cement at 608.5m
05Sep
09:00
606.2
05Sep
10:00
620.3
05Sep
11:00
Cutting samples show Cement
with dispersed metal shavings
05Sep
12:00
647.3
05Sep
13:00
656.6
Circulating stopped to clean


out pits and change out mud system
05Sep
15:00
643.0
05Sep
16:00
654.2
Commence Kickoff
DL to Xceed 100% SR
90 deg left
05Sep
18:00
661.0
05Sep
19:00


662.8
05Sep
20:00
10% formation
05Sep
21:00
665.0
30% formation
05Sep
22:00
50% formation
667.7
05Sep
23:00
70% formation
06Sep
00:00
671.6
PU, reduce RPM to 50RPM
Circulate till barite lines clear
06Sep


01:00
654.7
06Sep
PIT Test
06Sep
PIT failed at 13.1 ppg
Return to drilling
Back on bottom drilling
Downlink to Xceed
668.0
06Sep
04:00
699.4
06Sep
05:00
Mud Weight 10.5
Visc 110
06Sep
06:00
709.7
100% formation with trace.


cement @ 690m
06Sep
07:00
670.3
06Sep
08:00
Getting 100% formation
but Azimuth indicates
we're still in old hole
06Sep
09:00
696.2
06Sep
10:00
475.5
06Sep
11:00
06Sep



Bit Depth Value (DEPT) (M)	MSE (LCOMP1) 0 (PSI) 100000	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	Annulus Temperature (ATMP) 0 (DEGC) 200
Rop*5 (ROP5) 200 (M/HR) 0	Lateral Vib (VIBLAT_RT) 5 (G) 0	Shock Peak (SHKPK_ RT) 0 (G) 200	PKPK_RPM (Stick_RT) 0 (RPM) 400	RES_A (P16H_ UNC_RT) (OHMM) 0.2 200	Trpm (TRPM_RT) (RPM) 0 5000	Equivalent Circulating Density (ECD_ARC) 9 (LB/G) 14
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
Hookload (HKLD) 0 (KLBF) 400	Surface WOB (SWOB) 0 (KLBF) 100			ARC Phase−Shift Resistivity 16−in. at 2 MHz (Time based) (P16H) (OHMM) 0.2 200		Bit off Bottom From DMT7 to Bit_on_ bottom/2hz/Curve
Block_position (BPOS) 30 (M) 0				ARC Phase−Shift Resistivity 22−in. at 2 MHz (Time based) (P22H) (OHMM)		ESD_MIN/2Hz/Plotpoint (PRS_P1) (LB/G) 9 14

0.2 200

ARC Phase−Shift Resistivity 28−in. at 2 MHz (Time based) (P28H) (OHMM)

0.2 200

ARC Phase−Shift Resistivity 34−in. at 2 MHz (Time based) (P34H) (OHMM)

0.2 200

ARC Phase−Shift Resistivity 40−in. at 2 MHz (Time based) (P40H) (OHMM)

0.2 200

ESD_MAX/2Hz/Plotpoint (ESD_MAX) (LB/G)

9 14

ESD/2Hz/Plotpoint (PRS_P1) (LB/G)

9 14