

Schlumberger

Company: **SANDIA TECHNOLOGIES, LLC**

Well: **NYSTA TANDEM LOT 1**

Field: **WILDCAT**

County: **ROCKLAND** State: **NEW YORK**

Schlumberger

Company: **SANDIA TECHNOLOGIES, LLC**

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County: **ROCKLAND** State: **NEW YORK**

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Well: **NYSTA TANDEM LOT 1**

Field: **WILDCAT**

County: **ROCKLAND** State: **NEW YORK**

[illegible]

Logging Date			
Run Number			
Depth Driller			
Schlumberger Depth			
Bottom Log Interval			
Top Log Interval			
Casing Driller Size @ Depth		@	
Casing Schlumberger			
Bit Size			
Type Fluid In Hole			
Density	Viscosity		
Fluid Loss	PH		
Source Of Sample			
RM @ Measured Temperature		@	
RMF @ Measured Temperature		@	
RMC @ Measured Temperature		@	
Source RMF	RMF		
RM @ MRT	RMF @ MRT	@	@
Maximum Recorded Temperatures			
Circulation Stopped	Time		
Logger On Bottom	Time		
Unit Number	Location		
Recorded By			
Witnessed By			

Run 4

Date Created: 15-OCT-2011 13:28:23

Logging Cable

Type:	7-39P LXS
Serial Number:	7052
Length:	9800 FT
Conveyance Method:	Wireline
Rig Type:	LAND

52 CORES TOTAL RECOVERED

[illegible]

RUN 1			RUN 2		
SERVICE ORDER #:		BMNA-00055	SERVICE ORDER #:		
PROGRAM VERSION:		19C0-187	PROGRAM VERSION:		
FLUID LEVEL:		0 ft	FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

RUN 2

1111

Tension MSCT

— TOOL ZERO

TOOL BOTTOM

MAXIMUM STRING DIAMETER 5.25 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN FEET

MSCT CORE REPORT

Core	Depth	Recovery	Remark
1	6800.0 (FT)	Recovered	
2	6759.0 (FT)	Partial Core	
3	6711.0 (FT)	Recovered	
4	6669.0 (FT)	Recovered	
5	6550.0 (FT)	Recovered	
6	6390.0 (FT)	Recovered	
7	6164.0 (FT)	Recovered	
8	5700.0 (FT)	Recovered	
9	5052.0 (FT)	Recovered	
10	4750.0 (FT)	Recovered	
11	4234.0 (FT)	Recovered	
12	4191.0 (FT)	Recovered	
13	4174.0 (FT)	Recovered	
14	3911.0 (FT)	Recovered	
15	3757.0 (FT)	Recovered	
16	3752.9 (FT)	Recovered	
17	3510.0 (FT)	Recovered	
18	3435.0 (FT)	Recovered	
19	3305.0 (FT)	Recovered	
20	3116.0 (FT)	Recovered	
21	3082.0 (FT)	Recovered	
22	3080.0 (FT)	Recovered	
23	3077.0 (FT)	Recovered	
24	3066.0 (FT)	Recovered	
25	3064.0 (FT)	Recovered	
26	3059.0 (FT)	Recovered	

27	3057.0 (FT)	Recovered
28	3055.0 (FT)	Recovered
29	3053.0 (FT)	Recovered
30	2928.0 (FT)	Recovered
31	2838.0 (FT)	Recovered
32	2834.9 (FT)	Recovered
33	2832.0 (FT)	Recovered
34	2565.0 (FT)	Partial Core
35	2565.5 (FT)	Recovered
36	2460.0 (FT)	Recovered
37	2456.0 (FT)	Recovered
38	2451.0 (FT)	Recovered
39	2440.0 (FT)	Recovered
40	2438.0 (FT)	Recovered
41	2338.0 (FT)	Recovered
42	2336.0 (FT)	Recovered
43	2334.0 (FT)	Recovered
44	2321.0 (FT)	Recovered
45	2318.0 (FT)	Partial Core
46	2318.5 (FT)	Partial Core
47	2268.0 (FT)	Recovered
48	2265.0 (FT)	Partial Core
49	2262.0 (FT)	Recovered
50	2168.0 (FT)	Recovered
51	2165.0 (FT)	Recovered
52	2161.0 (FT)	Recovered

Company: SANDIA TECHNOLOGIES, LLC

Well: NYSTA TANDEM LOT 1

Output DLIS Files

DEFAULT

MSCT_092LTP

FN:123

PRODUCER

17-Oct-2011 03:37

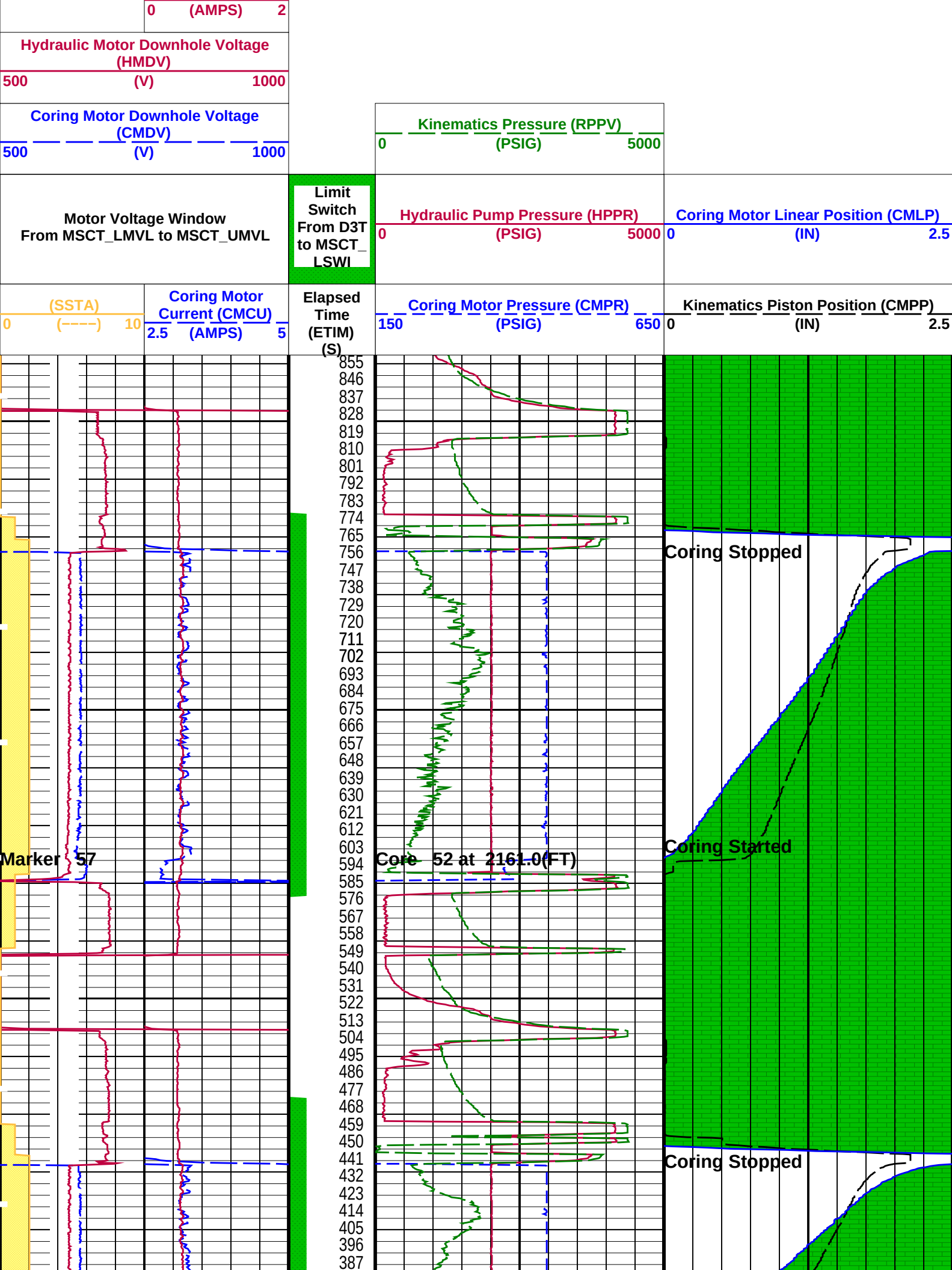
2168.0 FT

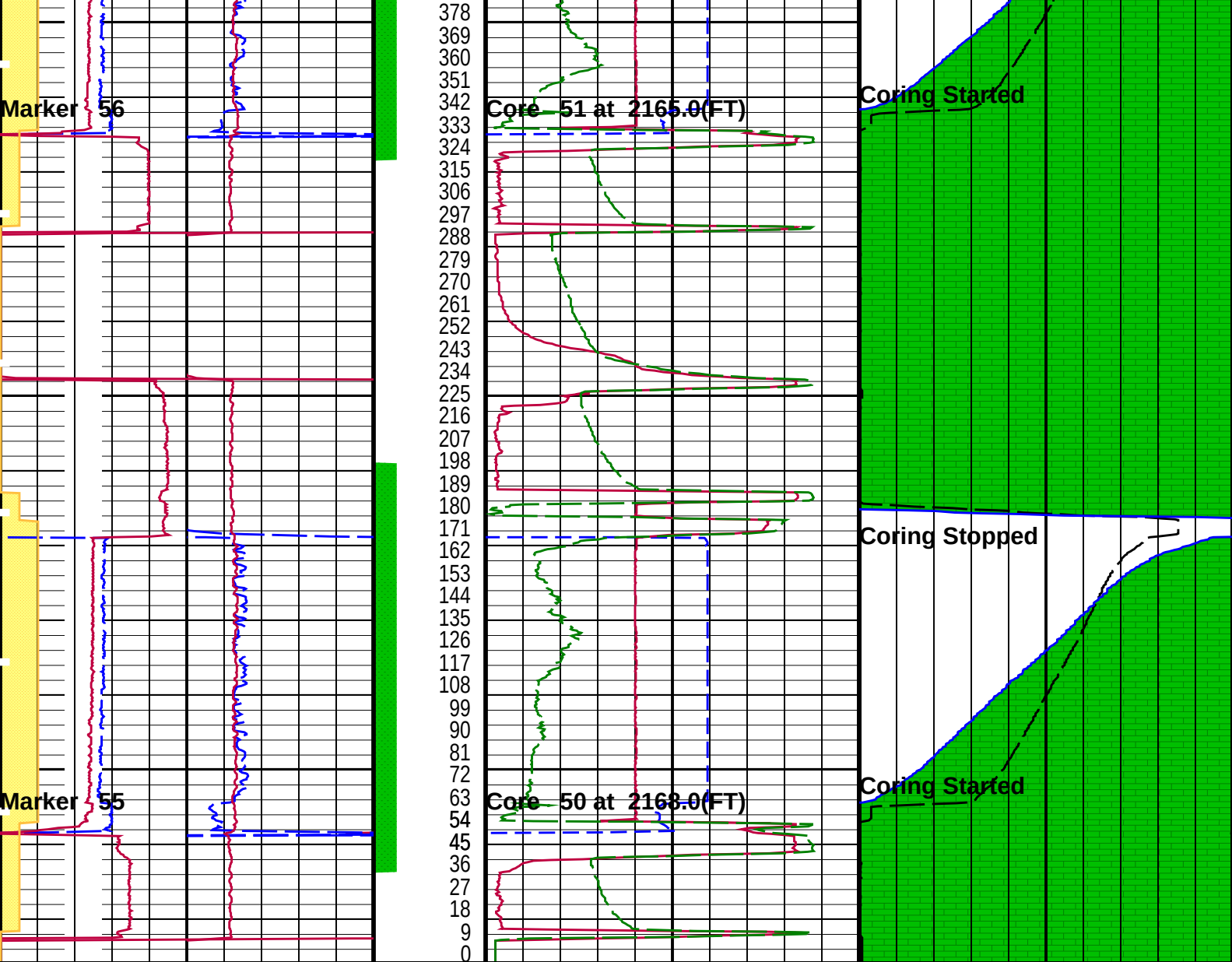
Elapsed Time (s)	Event Summary
755.6	Coring Stopped
602.8	Coring Started
596.0	Marker 57
596.0	Core 52 at 2161.0(FT)
438.8	Coring Stopped
344.4	Coring Started
338.8	Marker 56
338.8	Core 51 at 2165.0(FT)
167.2	Coring Stopped
66.8	Coring Started
60.8	Marker 55
60.8	Core 50 at 2168.0(FT)

PIP SUMMARY

Time Mark Every 60 S

Hydraulic Motor Current (HMCU)





(SSTA) (-----) 10	Coring Motor Current (CMCU) 2.5 (AMPS) 5	Elapsed Time (ETIM) (S)	Coring Motor Pressure (CMPR) (PSIG) 150 650	Kinematics Piston Position (CMPP) (IN) 0 2.5
Motor Voltage Window From MSCT_LMVL to MSCT_UMVL	Limit Switch From D3T to MSCT_LSWI		Hydraulic Pump Pressure (HPPR) (PSIG) 0 5000	Coring Motor Linear Position (CMLP) (IN) 0 2.5
Coring Motor Downhole Voltage (CMDV) (V) 500 1000			Kinematics Pressure (RPPV) (PSIG) 0 5000	
Hydraulic Motor Downhole Voltage (HMDV) (V) 500 1000				
	Hydraulic Motor Current (HMCU) 0 (AMPS) 2			

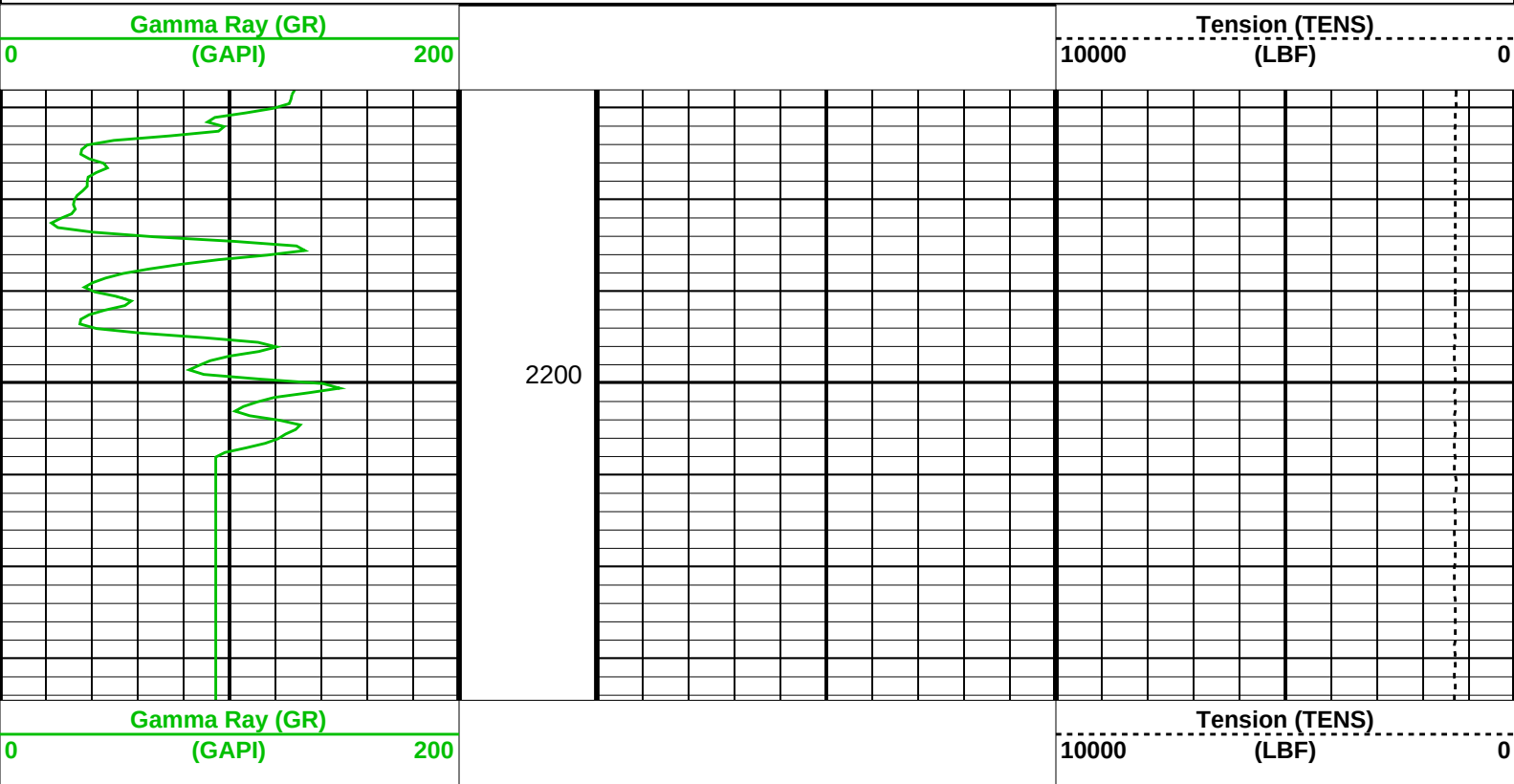
PIP SUMMARY

Time Mark Every 60 S

Parameters		
DLIS Name	Description	Value

SOFF		MSCT-AA: Mechanical Sidewall Coring Tool Standoff		0 IN	
Format: MSCT_PROPRIETARY_ALL_Station_1		Vertical Scale: 1" per 60S		Graphics File Created: 17-Oct-2011 03:37	
OP System Version: 19C0-187					
MSCT-AA		19C0-187		SGT-P 19C0-187	
Output DLIS Files					
DEFAULT		MSCT_092LTP		FN:123 PRODUCER 17-Oct-2011 03:37	

Company: SANDIA TECHNOLOGIES, LLC				Well: NYSTA TANDEM LOT 1	
Output DLIS Files					
DEFAULT		MSCT_091LUP		FN:122 PRODUCER 17-Oct-2011 03:33 2234.5 FT 2168.0 FT	
OP System Version: 19C0-187					
MSCT-AA		19C0-187		SGT-P 19C0-187	



Format: CORRELATION		Vertical Scale: 5" per 100'		Graphics File Created: 17-Oct-2011 03:33	
OP System Version: 19C0-187					
MSCT-AA		19C0-187		SGT-P 19C0-187	
Output DLIS Files					
DEFAULT		MSCT_091LUP		FN:122 PRODUCER 17-Oct-2011 03:33	

Company: SANDIA TECHNOLOGIES, LLC				Well: NYSTA TANDEM LOT 1	
Output DLIS Files					
DEFAULT		MSCT_089LTP		FN:120 PRODUCER 17-Oct-2011 02:37 2338.0 FT	

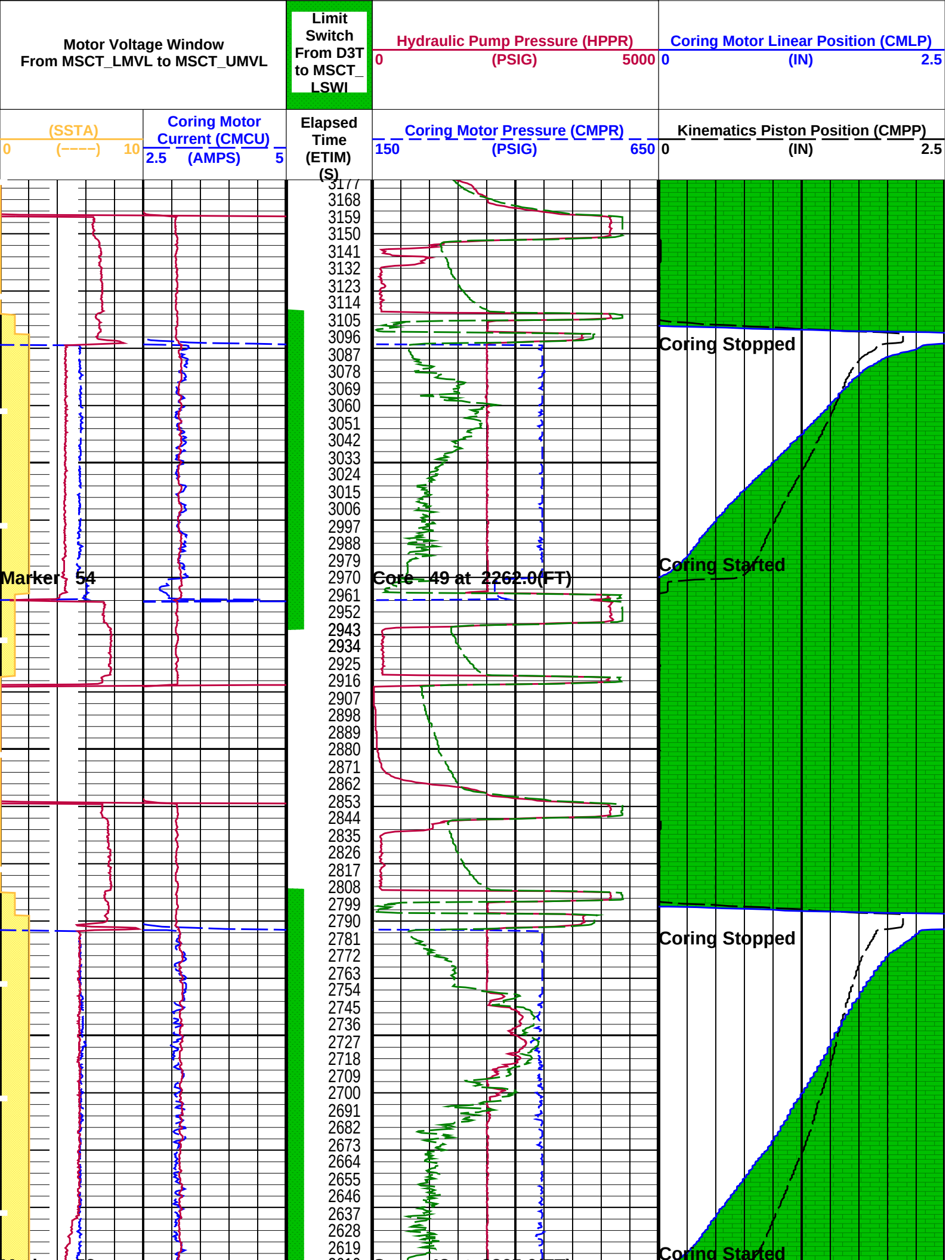
Elapsed Time (s)	Event Summary
3092.4	Coring Stopped
2976.0	Coring Started
2969.2	Marker 54
2969.2	Core 49 at 2262.0(FT)
2780.8	Coring Stopped
2615.2	Coring Started
2608.8	Marker 53
2608.8	Core 48 at 2265.0(FT)
2446.8	Coring Stopped
2332.0	Coring Started
2325.6	Marker 52
2325.6	Core 47 at 2268.0(FT)
2039.2	Coring Stopped
1879.2	Coring Started
1872.8	Marker 51
1872.8	Core 46 at 2318.5(FT)
1686.0	Coring Stopped
1602.4	Coring Started
1596.4	Marker 50
1596.4	Core 45 at 2318.0(FT)
1346.4	Coring Stopped
1166.4	Coring Started
1159.6	Marker 49
1159.6	Core 44 at 2321.0(FT)
1015.2	Coring Stopped
830.0	Coring Started
823.6	Marker 48
823.6	Core 43 at 2334.0(FT)
676.8	Coring Stopped
517.2	Coring Started
509.6	Marker 47
509.6	Core 42 at 2336.0(FT)
332.8	Coring Stopped
96.8	Coring Started
89.2	Marker 46
89.2	Core 41 at 2338.0(FT)

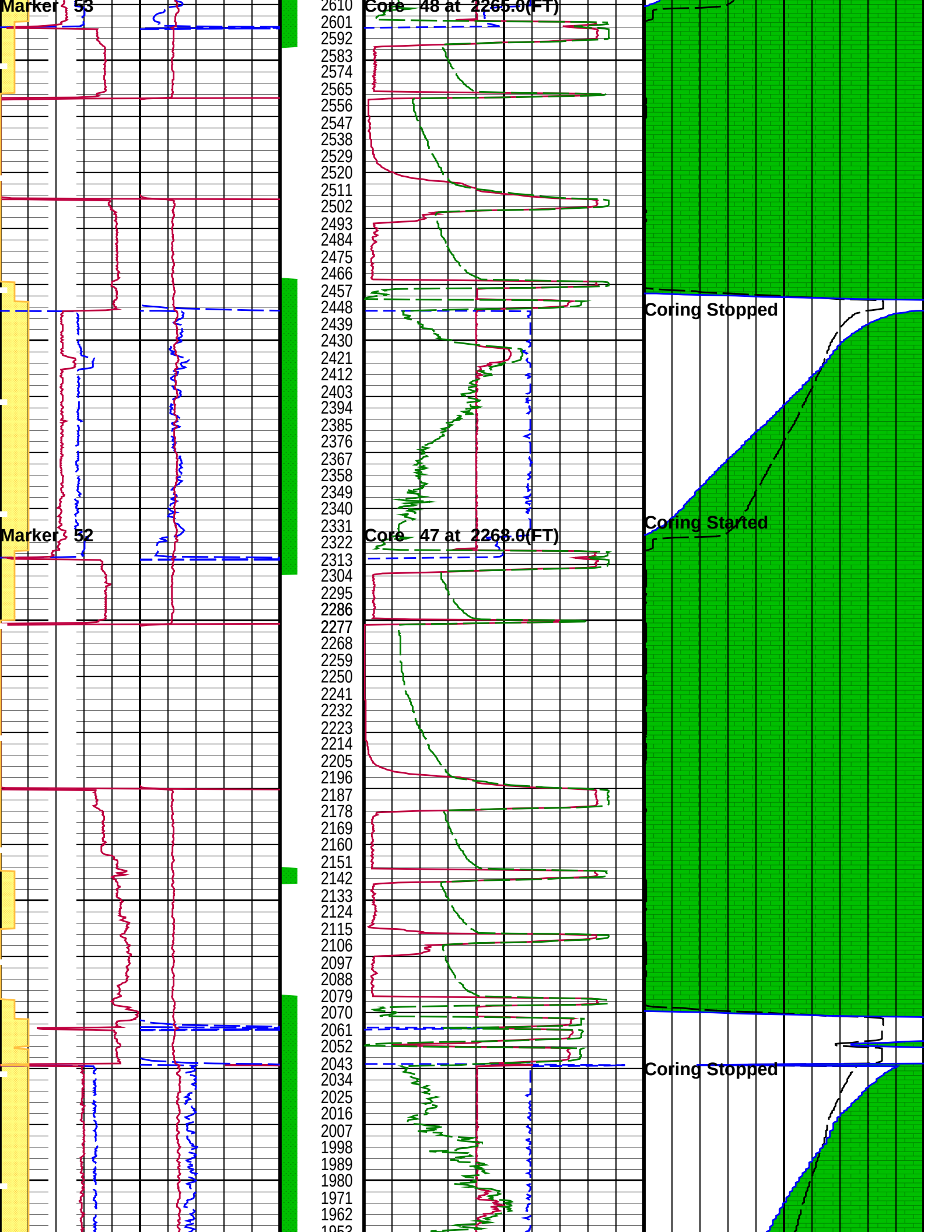
PIP SUMMARY

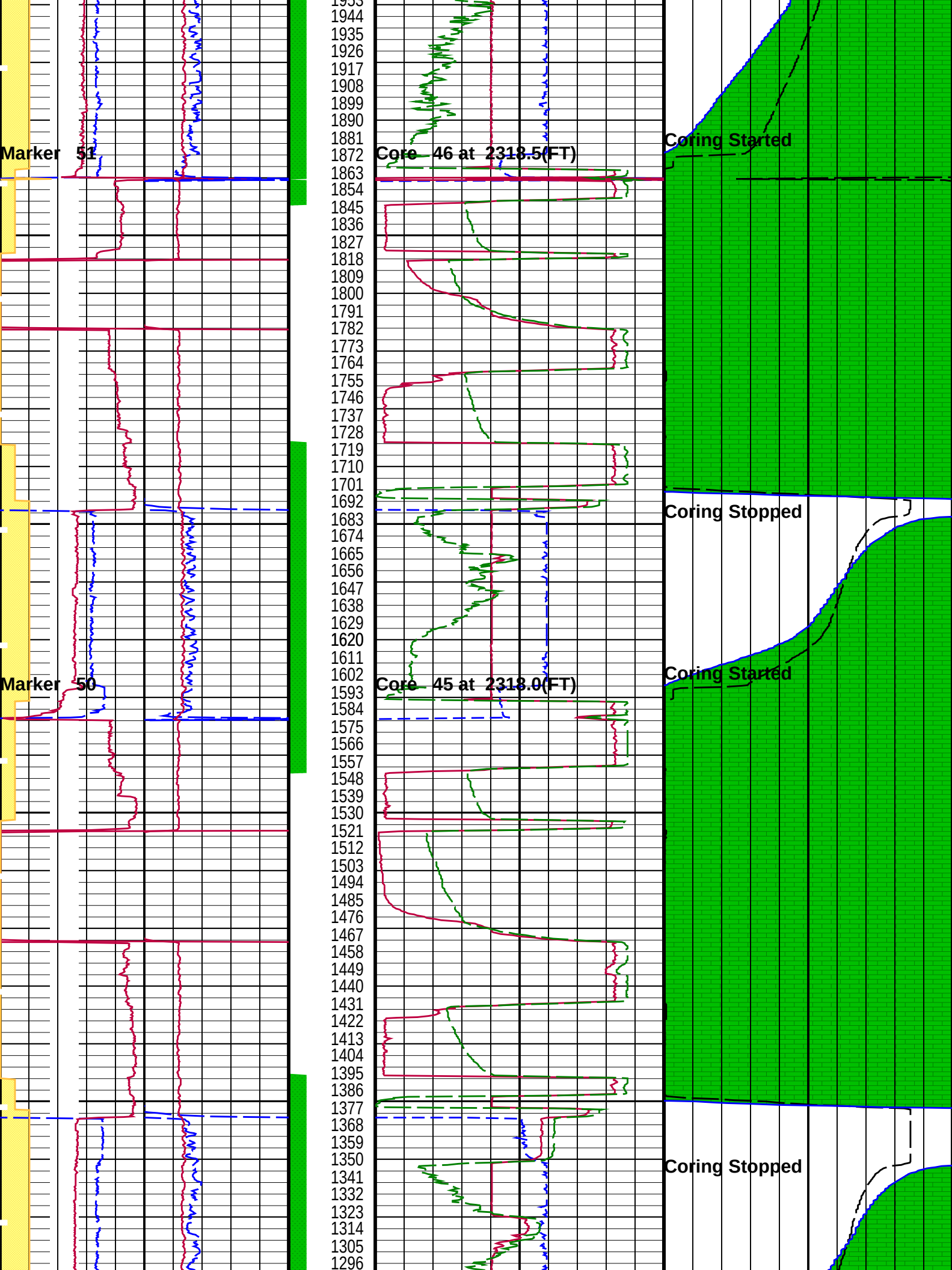
 Time Mark Every 60 S

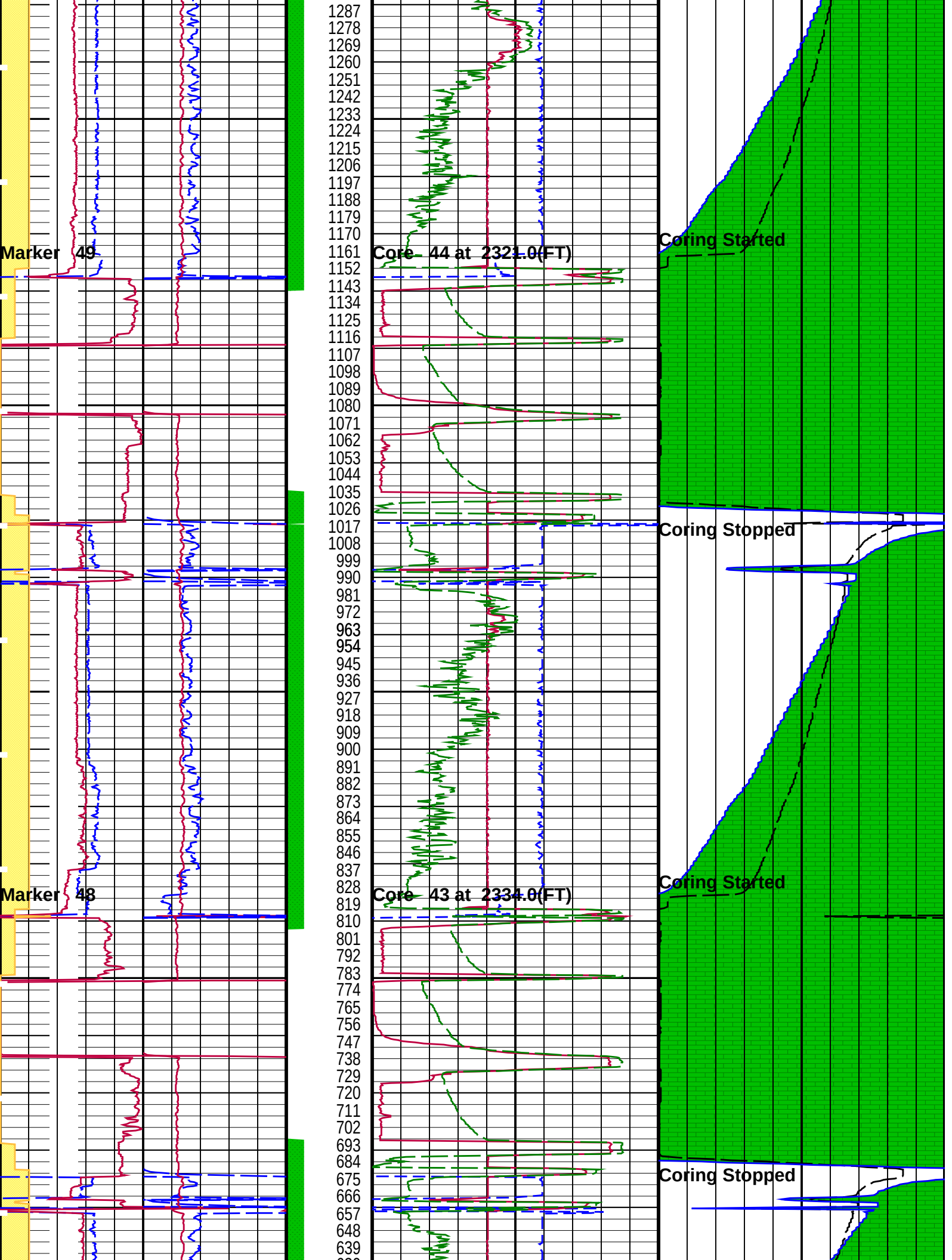
	Hydraulic Motor Current (HMCU)
0	(AMPS) 2
Hydraulic Motor Downhole Voltage (HMDV)	
500	(V) 1000
Coring Motor Downhole Voltage (CMDV)	
500	(V) 1000

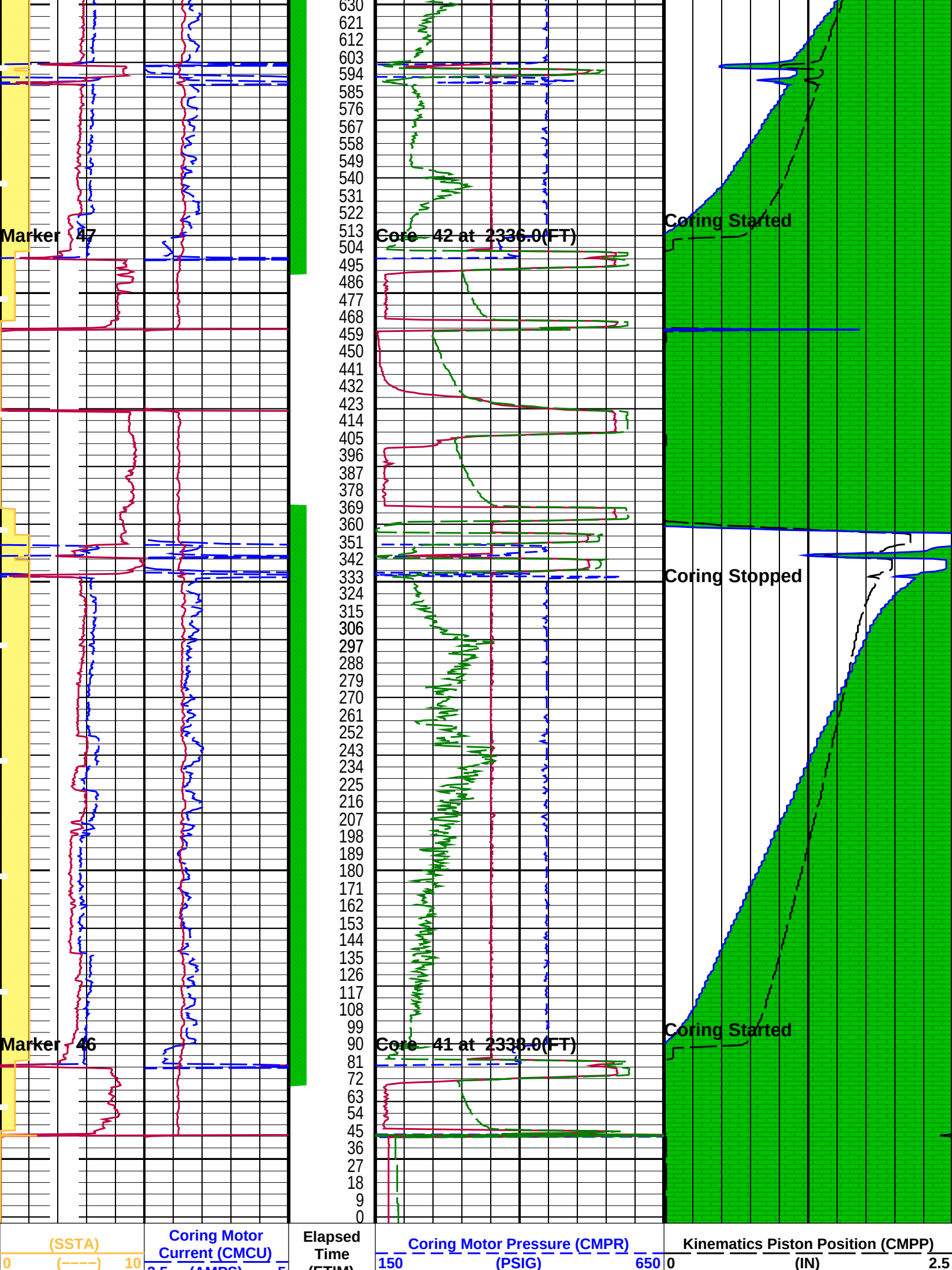
Kinematics Pressure (RPPV)	
0	(PSIG) 5000









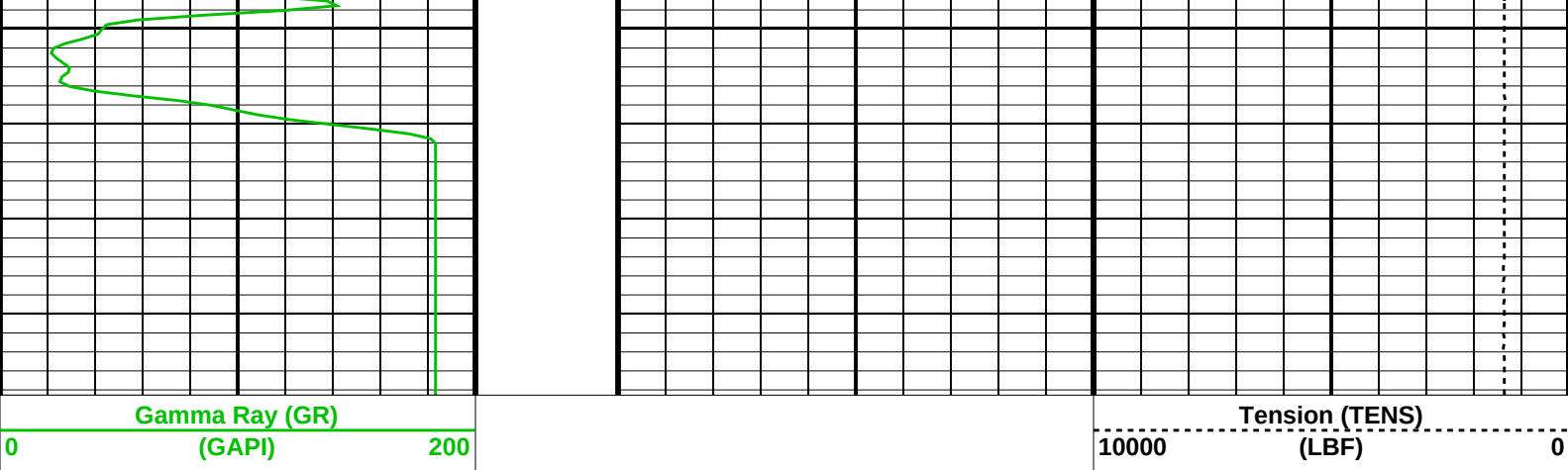


	2.5 (AMPS)	5 (ETIM) (S)		
Motor Voltage Window From MSCT_LMVL to MSCT_UMVL		Limit Switch From D3T to MSCT_LSWI	Hydraulic Pump Pressure (HPPR) (PSIG)	Coring Motor Linear Position (CMLP) (IN)
			0 5000	0 2.5
Coring Motor Downhole Voltage (CMDV) (V)	500 1000		Kinematics Pressure (RPPV) (PSIG)	
			0 5000	
Hydraulic Motor Downhole Voltage (HMDV)	500 1000			
	Hydraulic Motor Current (HMCU) (AMPS)			
	0 2			

PIP SUMMARY				
Time Mark Every 60 S				
Parameters				
DLIS Name		Description		Value
MSCT-AA: Mechanical Sidewall Coring Tool				
SOFF	Standoff			0 IN
Format: MSCT_PROPRIETARY_ALL_Station_1 Vertical Scale: 1" per 60S Graphics File Created: 17-Oct-2011 02:37				
OP System Version: 19C0-187				
MSCT-AA	19C0-187	SGT-P	19C0-187	
Output DLIS Files				
DEFAULT	MSCT_089LTP	FN:120	PRODUCER	17-Oct-2011 02:37

Company: SANDIA TECHNOLOGIES, LLC			Well: NYSTA TANDEM LOT 1		
Output DLIS Files					
DEFAULT	MSCT_088LUP	FN:119	PRODUCER	17-Oct-2011 02:32	
OP System Version: 19C0-187					
MSCT-AA	19C0-187	SGT-P		19C0-187	

Gamma Ray (GR) (GAPI)	0 200		Tension (TENS) (LBF)	10000 0
		2300		



Format: CORRELATION Vertical Scale: 5" per 100' Graphics File Created: 17-Oct-2011 02:32

OP System Version: 19C0-187

MSCT-AA 19C0-187 SGT-P 19C0-187

Output DLIS Files

DEFAULT MSCT_088LUP FN:119 PRODUCER 17-Oct-2011 02:32

Company: SANDIA TECHNOLOGIES, LLC Well: NYSTA TANDEM LOT 1

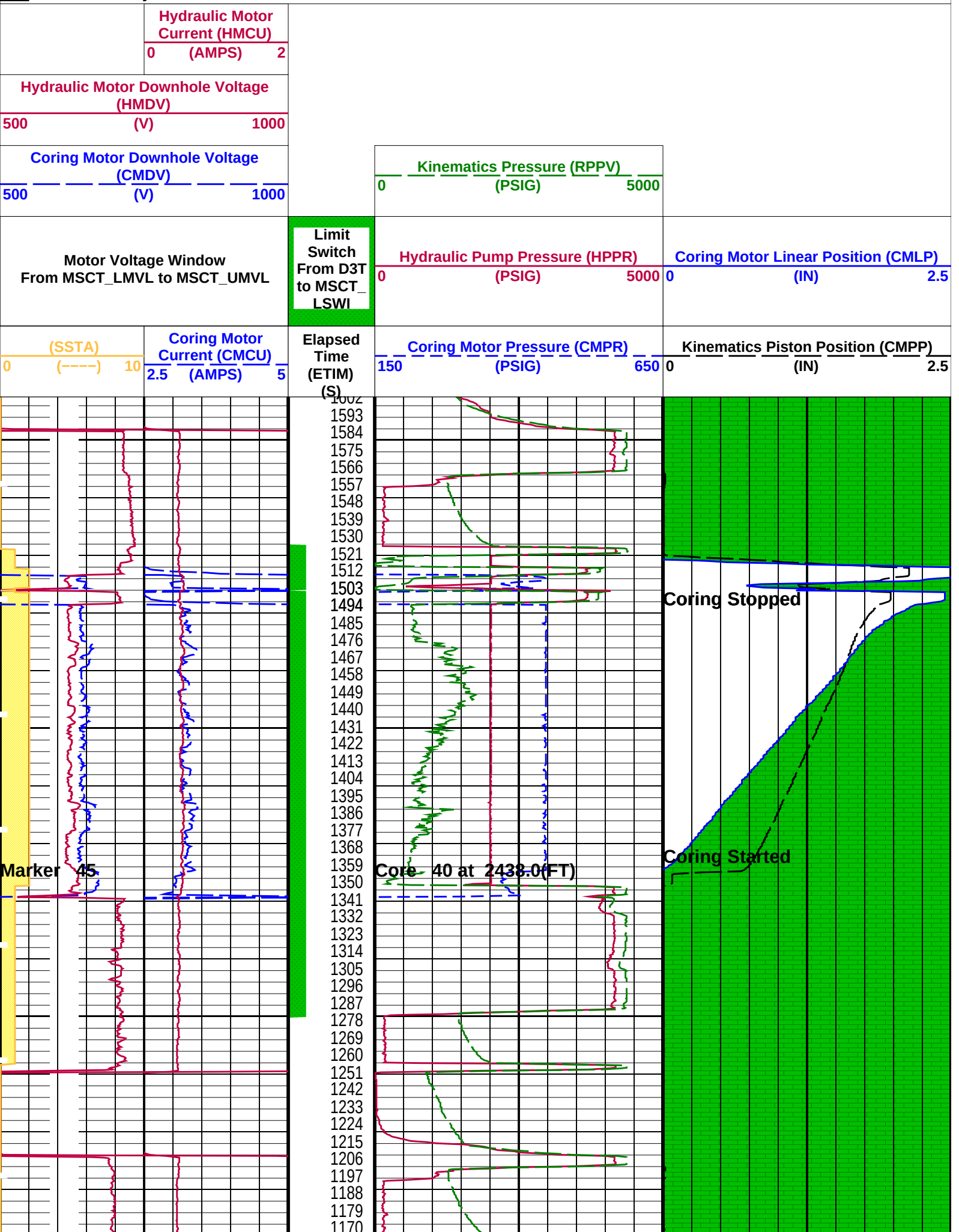
Output DLIS Files

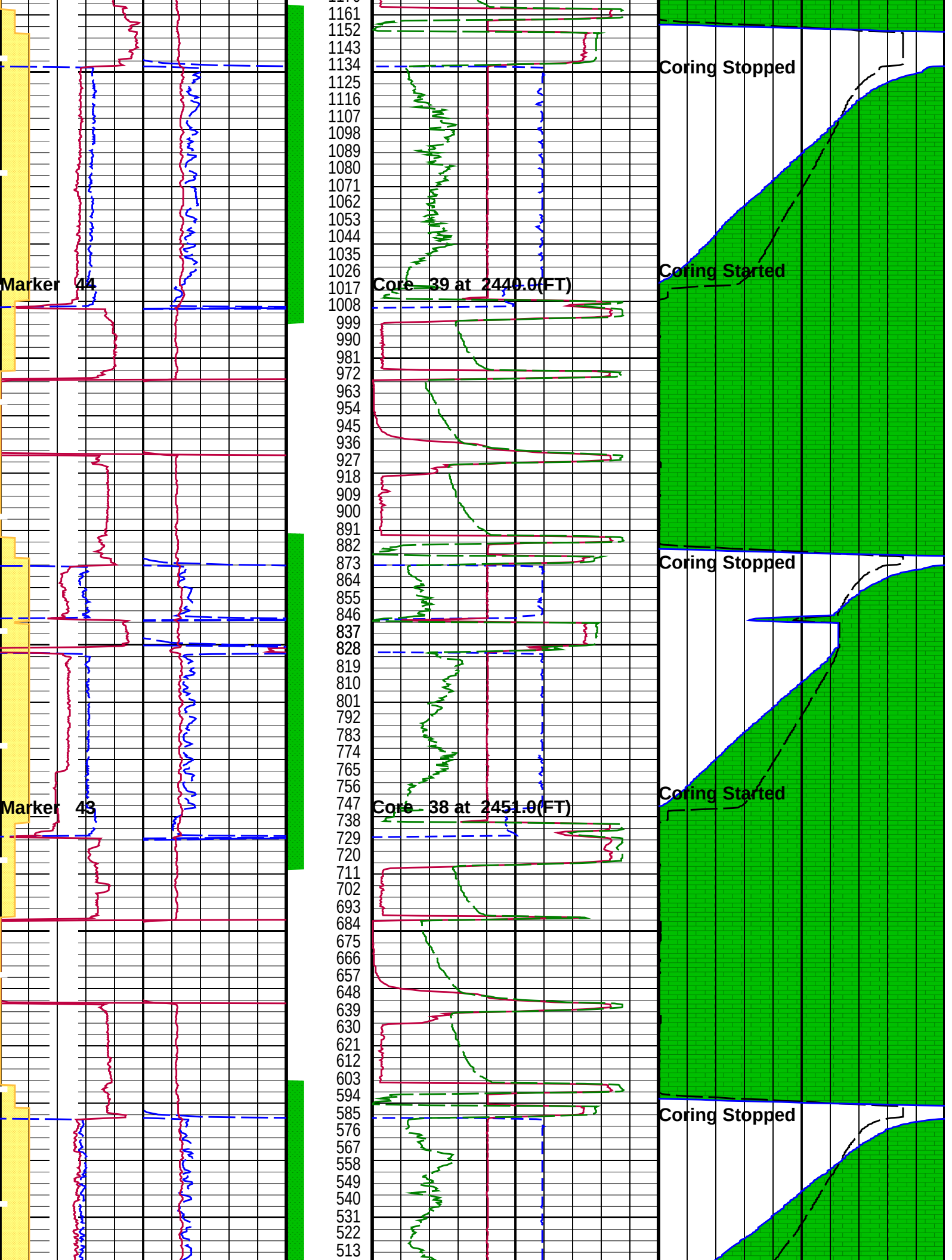
DEFAULT MSCT_087LTP FN:118 PRODUCER 17-Oct-2011 02:05 2422.2 FT

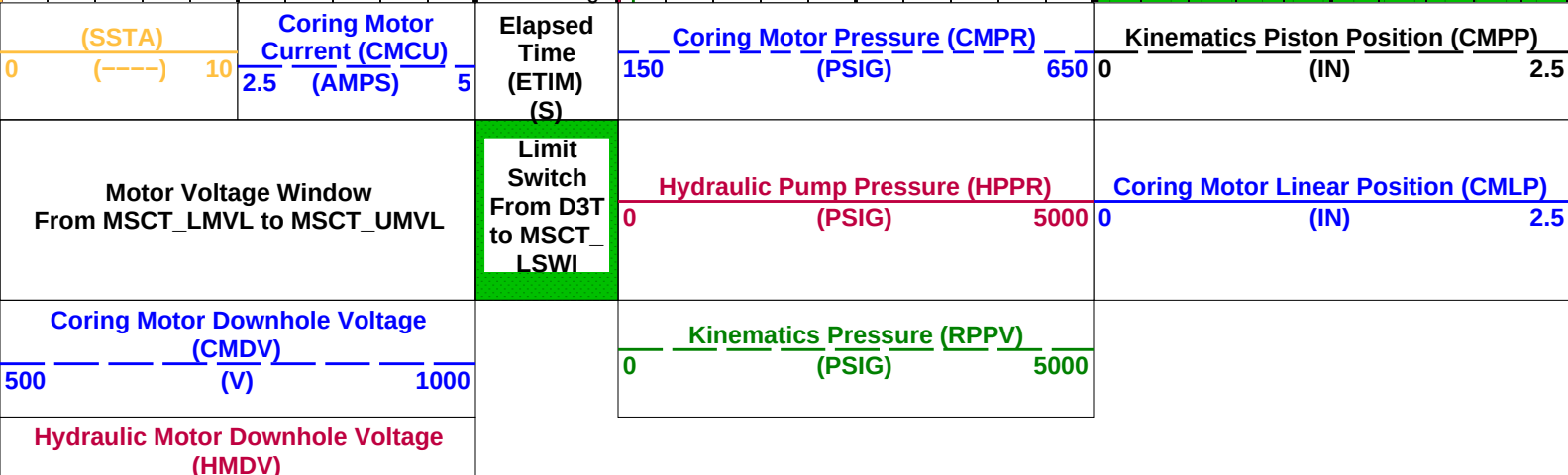
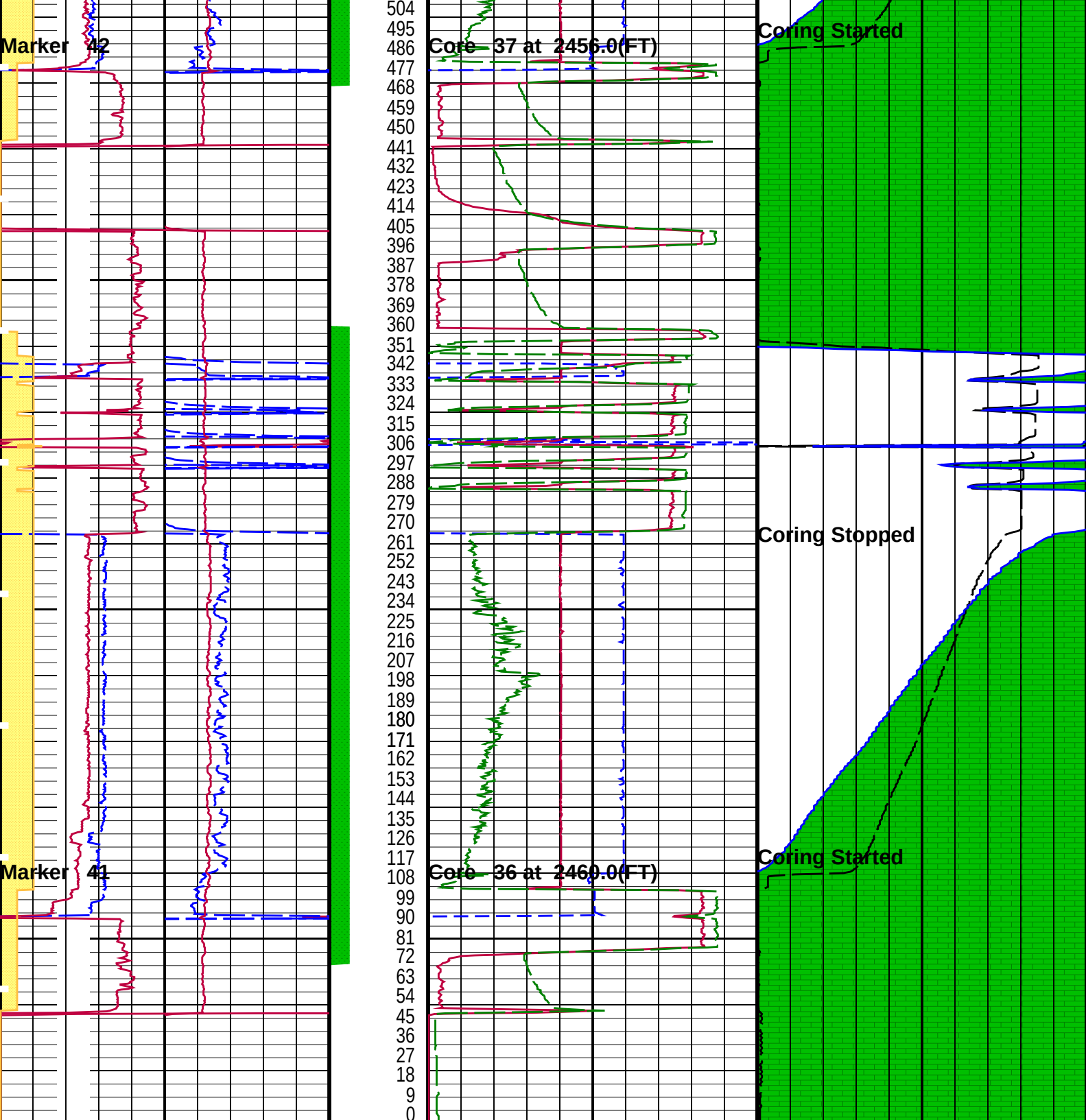
Elapsed Time (s)	Event Summary
1496.4	Coring Stopped
1362.8	Coring Started
1355.6	Marker 45
1355.6	Core 40 at 2438.0(FT)
1132.0	Coring Stopped
1025.6	Coring Started
1018.4	Marker 44
1018.4	Core 39 at 2440.0(FT)
872.4	Coring Stopped
751.6	Coring Started
744.0	Marker 43
744.0	Core 38 at 2451.0(FT)
583.2	Coring Stopped
493.2	Coring Started
486.8	Marker 42
486.8	Core 37 at 2456.0(FT)
263.6	Coring Stopped
117.2	Coring Started
110.0	Marker 41
110.0	Core 36 at 2460.0(FT)

PIP SUMMARY

Time Mark Every 60 S







500	(V)	1000
	Hydraulic Motor Current (HMCU)	
0	(AMPS)	2

PIP SUMMARY

☐ Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
SOFF	MSCT-AA: Mechanical Sidewall Coring Tool Standoff	0 IN
Format: MSCT_PROPRIETARY_ALL_Station_1 Vertical Scale: 1" per 60S Graphics File Created: 17-Oct-2011 02:05		

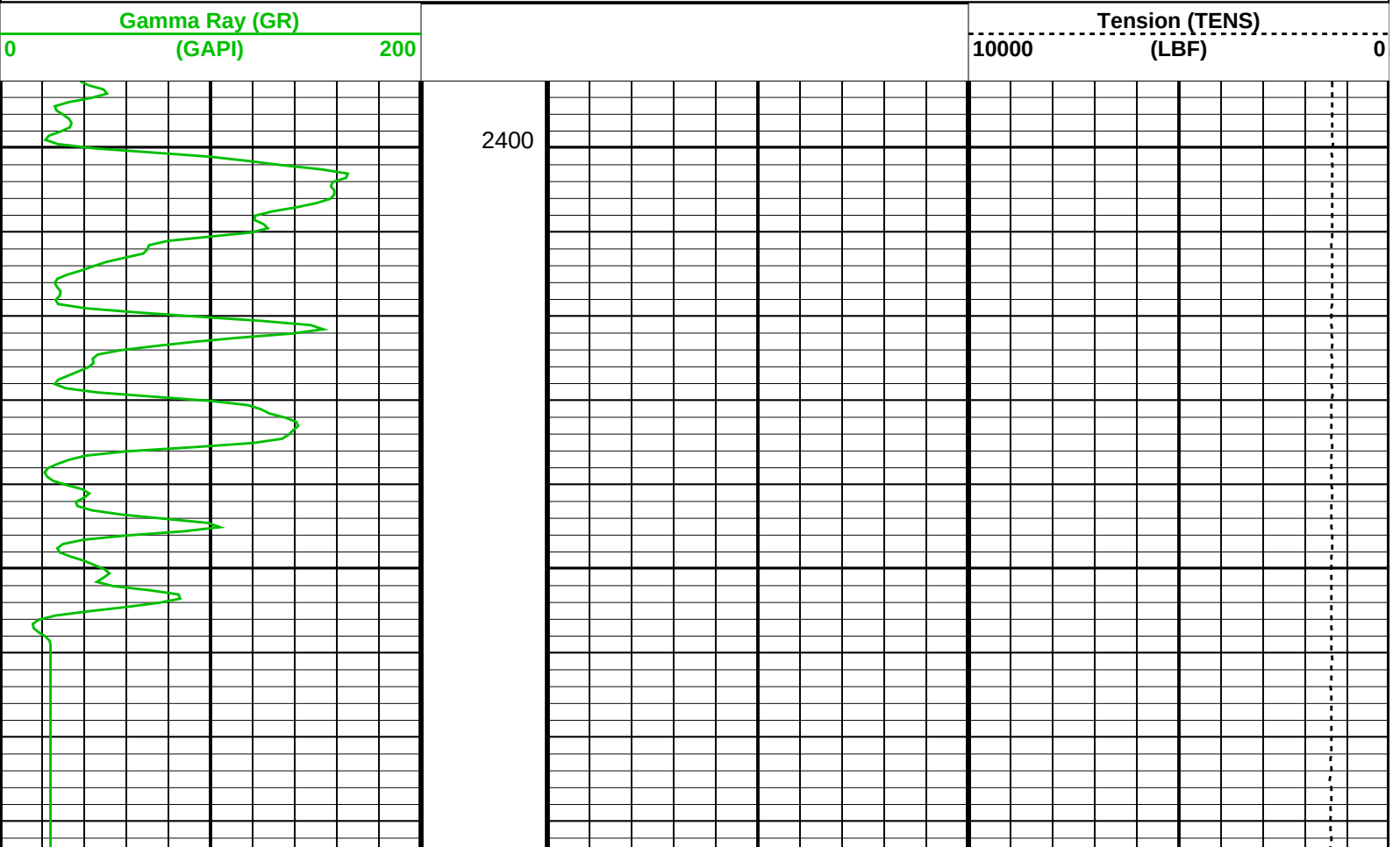
OP System Version: 19C0-187

MSCT-AA	19C0-187	SGT-P	19C0-187
Output DLIS Files			
DEFAULT	MSCT_087LTP	FN:118 PRODUCER	17-Oct-2011 02:05

Company: SANDIA TECHNOLOGIES, LLC Well: NYSTA TANDEM LOT 1

Output DLIS Files

DEFAULT	MSCT_086LUP	FN:117 PRODUCER	17-Oct-2011 02:01
OP System Version: 19C0-187			
MSCT-AA	19C0-187	SGT-P	19C0-187



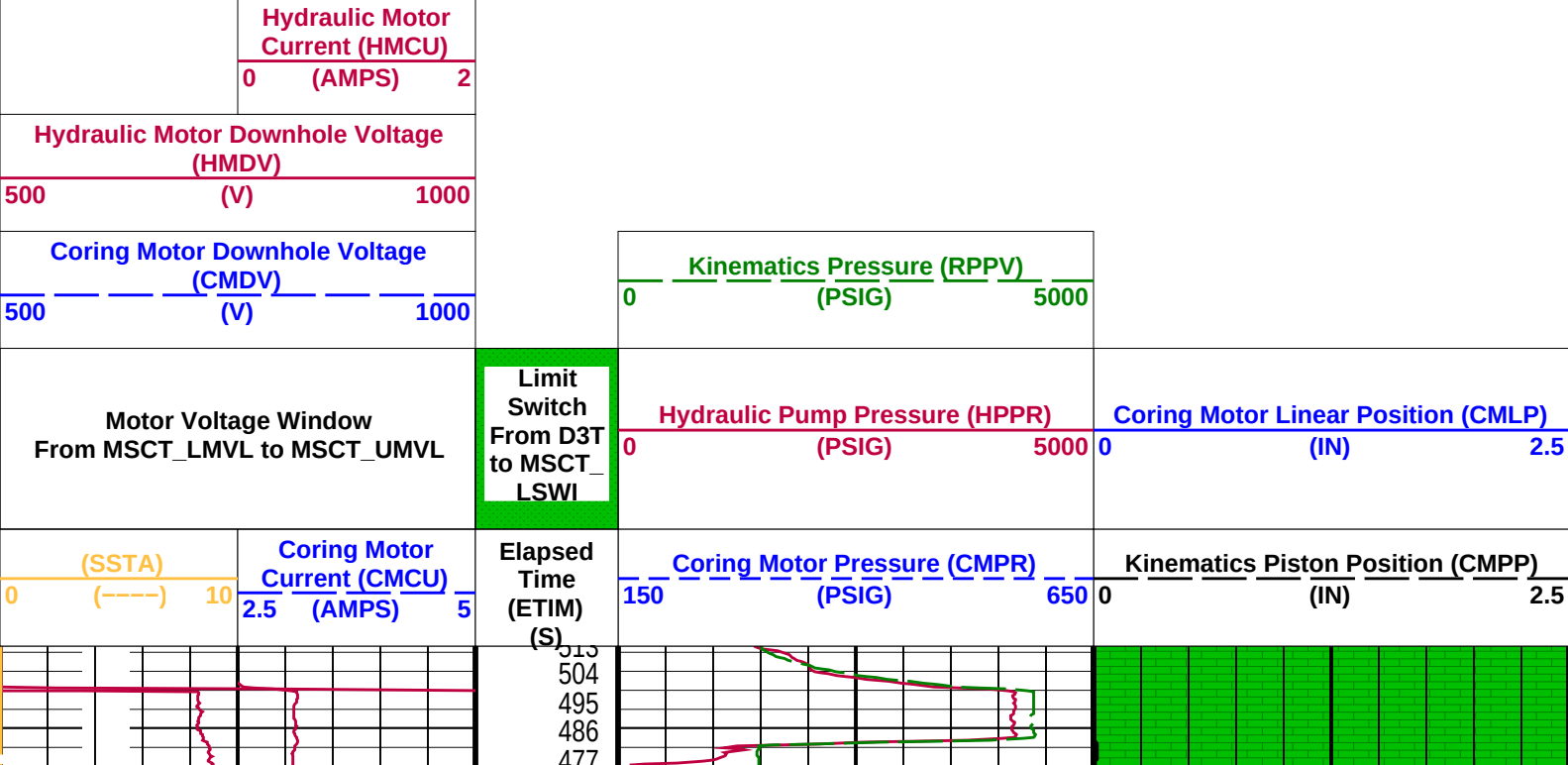
Gamma Ray (GR) (GAPI)				Tension (TENS) (LBF)	
0	200			10000	0
Format: CORRELATION Vertical Scale: 5" per 100' Graphics File Created: 17-Oct-2011 02:01					
OP System Version: 19C0-187					
MSCT-AA	19C0-187	SGT-P	19C0-187		
Output DLIS Files					
DEFAULT	MSCT_086LUP	FN:117	PRODUCER	17-Oct-2011 02:01	

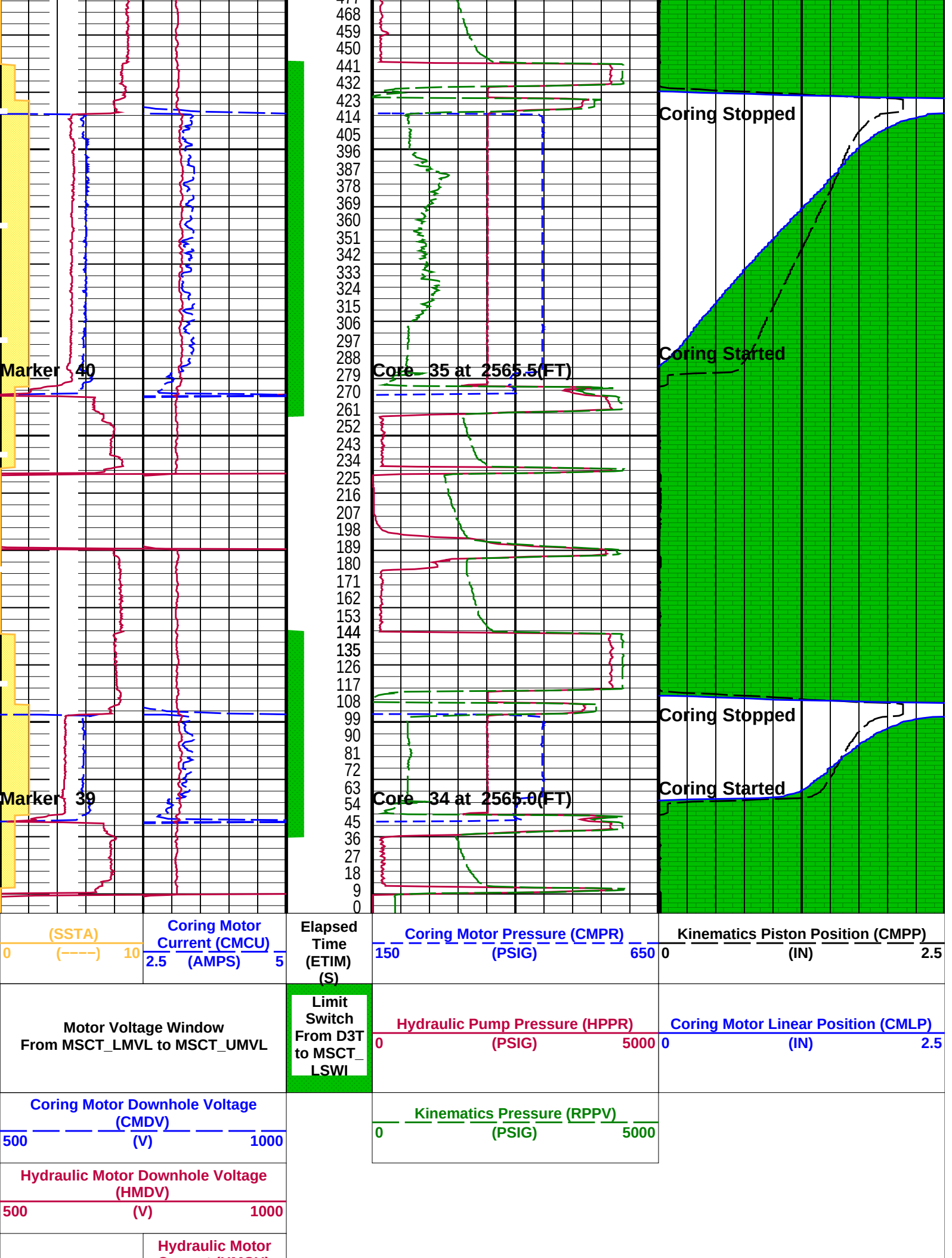
Company: SANDIA TECHNOLOGIES, LLC				Well: NYSTA TANDEM LOT 1	
Output DLIS Files					
DEFAULT	MSCT_084LTP	FN:115	PRODUCER	17-Oct-2011 01:48	2566.9 FT

Elapsed Time (s)	Event Summary
415.6	Coring Stopped
289.6	Coring Started
280.8	Marker 40
280.8	Core 35 at 2565.5(FT)
100.8	Coring Stopped
62.0	Coring Started
56.4	Marker 39
56.4	Core 34 at 2565.0(FT)

PIP SUMMARY

Time Mark Every 60 S





	Current (HMCU)	
0	(AMPS)	2

PIP SUMMARY
Time Mark Every 60 S

Parameters		
DLIS Name	Description	Value
SOFF	MSCT-AA: Mechanical Sidewall Coring Tool Standoff	0 IN
Format: MSCT_PROPRIETARY_ALL_Station_1 Vertical Scale: 1" per 60S Graphics File Created: 17-Oct-2011 01:48		

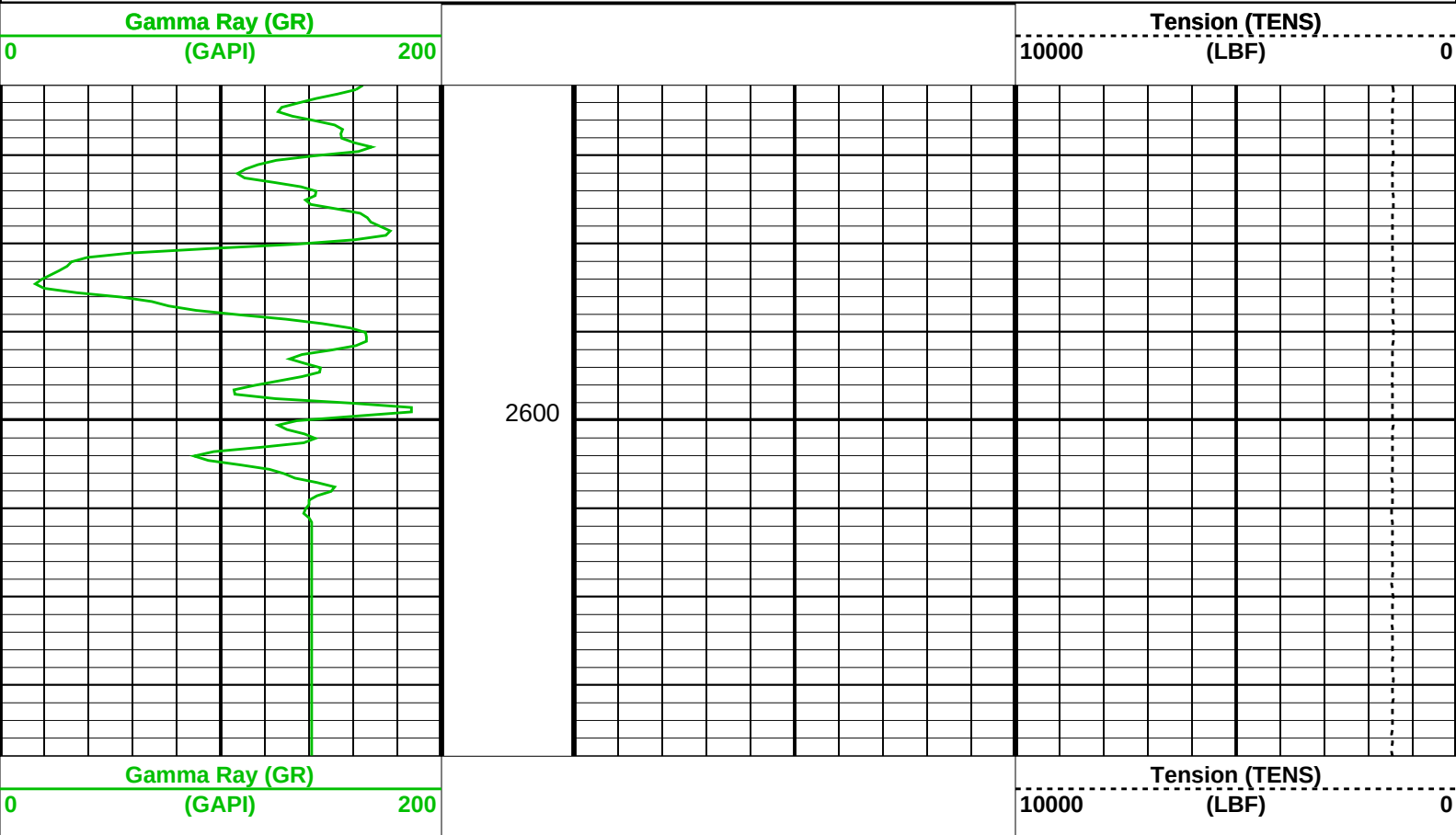
OP System Version: 19C0-187			
MSCT-AA	19C0-187	SGT-P	19C0-187

Output DLIS Files			
DEFAULT	MSCT_084LTP	FN:115 PRODUCER	17-Oct-2011 01:48

Company: SANDIA TECHNOLOGIES, LLC	Well: NYSTA TANDEM LOT 1
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Output DLIS Files			
DEFAULT	MSCT_083LUP	FN:114 PRODUCER	17-Oct-2011 01:45

OP System Version: 19C0-187			
MSCT-AA	19C0-187	SGT-P	19C0-187



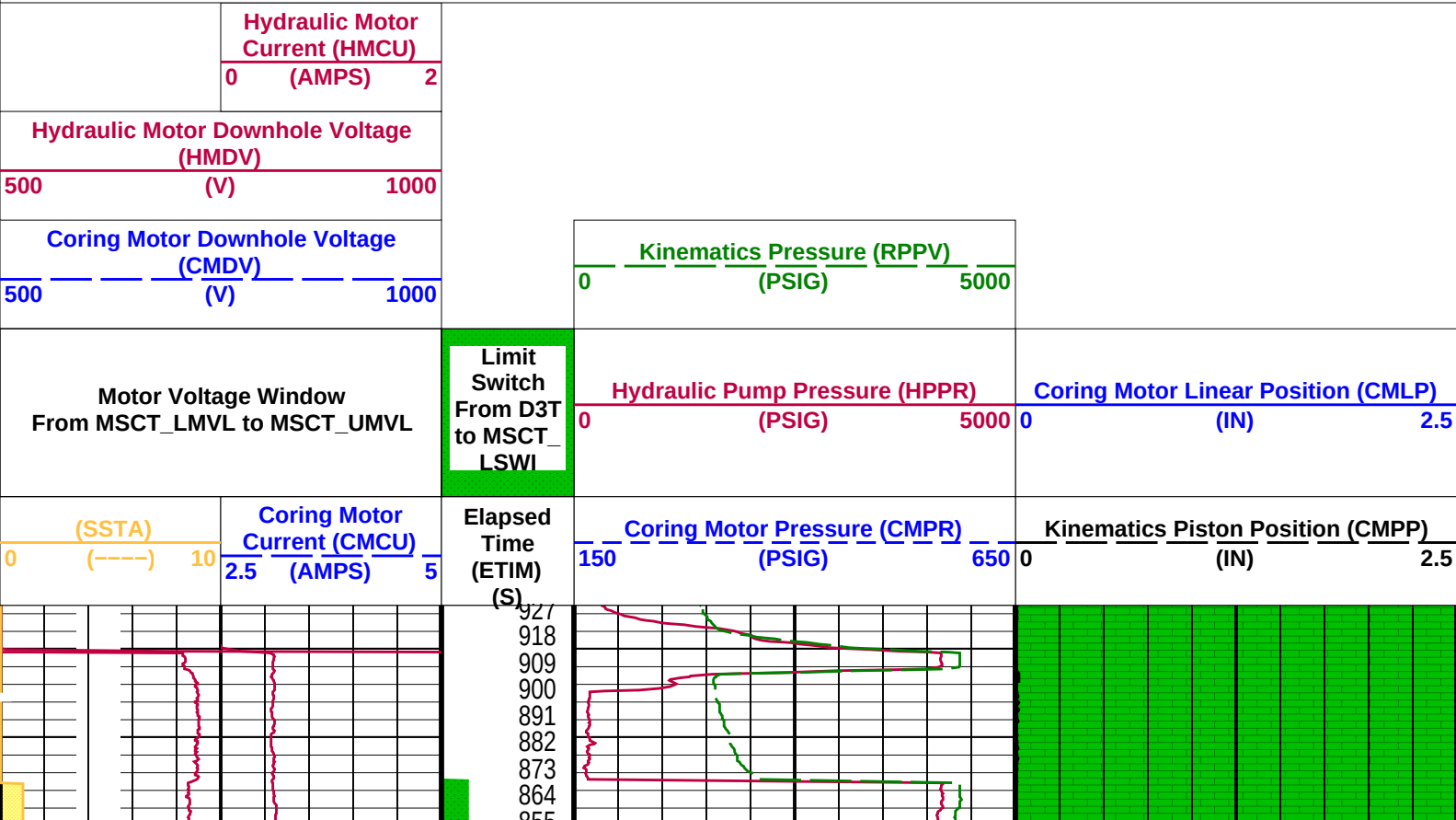
Format: CORRELATION	Vertical Scale: 5" per 100'	Graphics File Created: 17-Oct-2011 01:45
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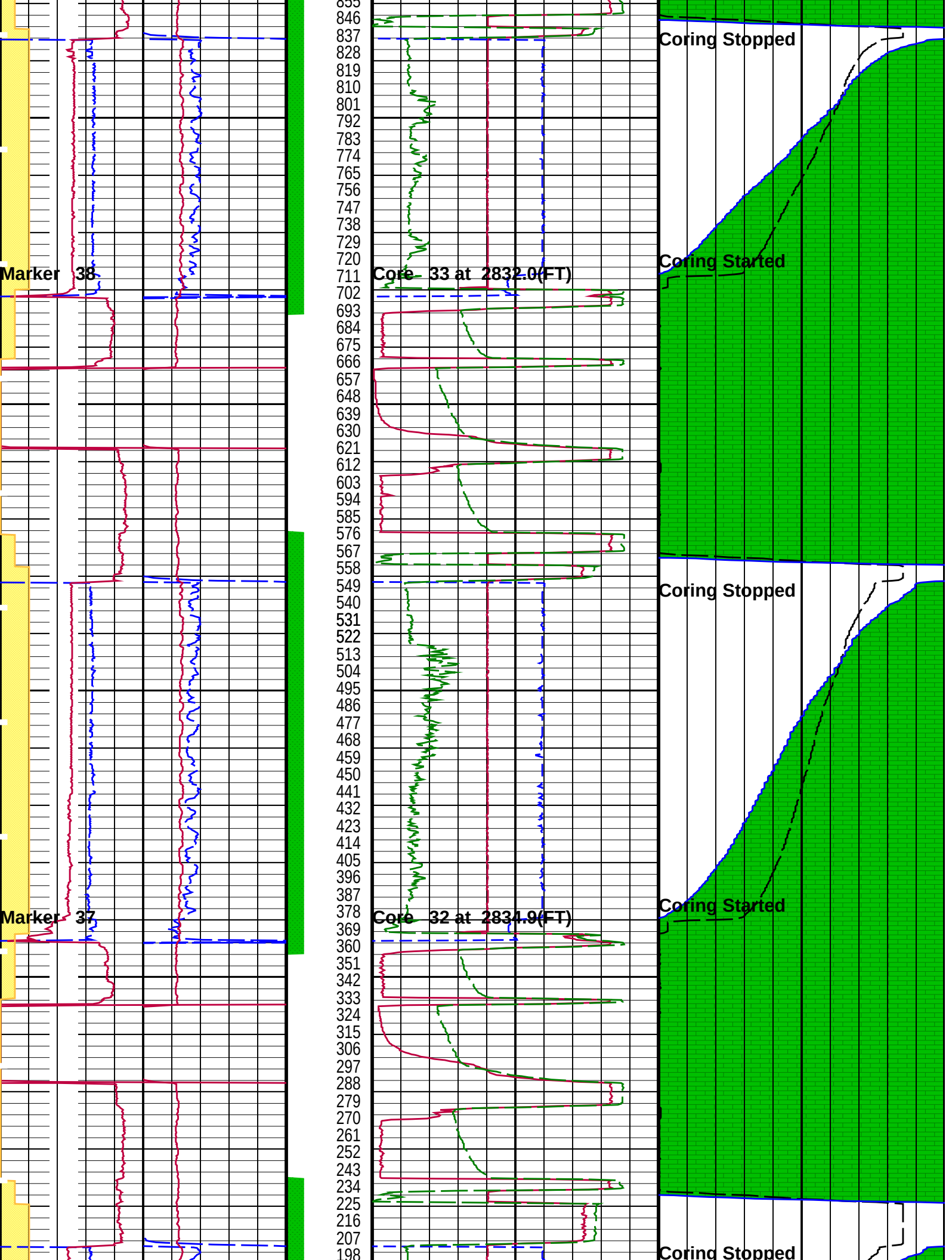
OP System Version: 19C0-187			
MSCT-AA	19C0-187	SGT-P	19C0-187

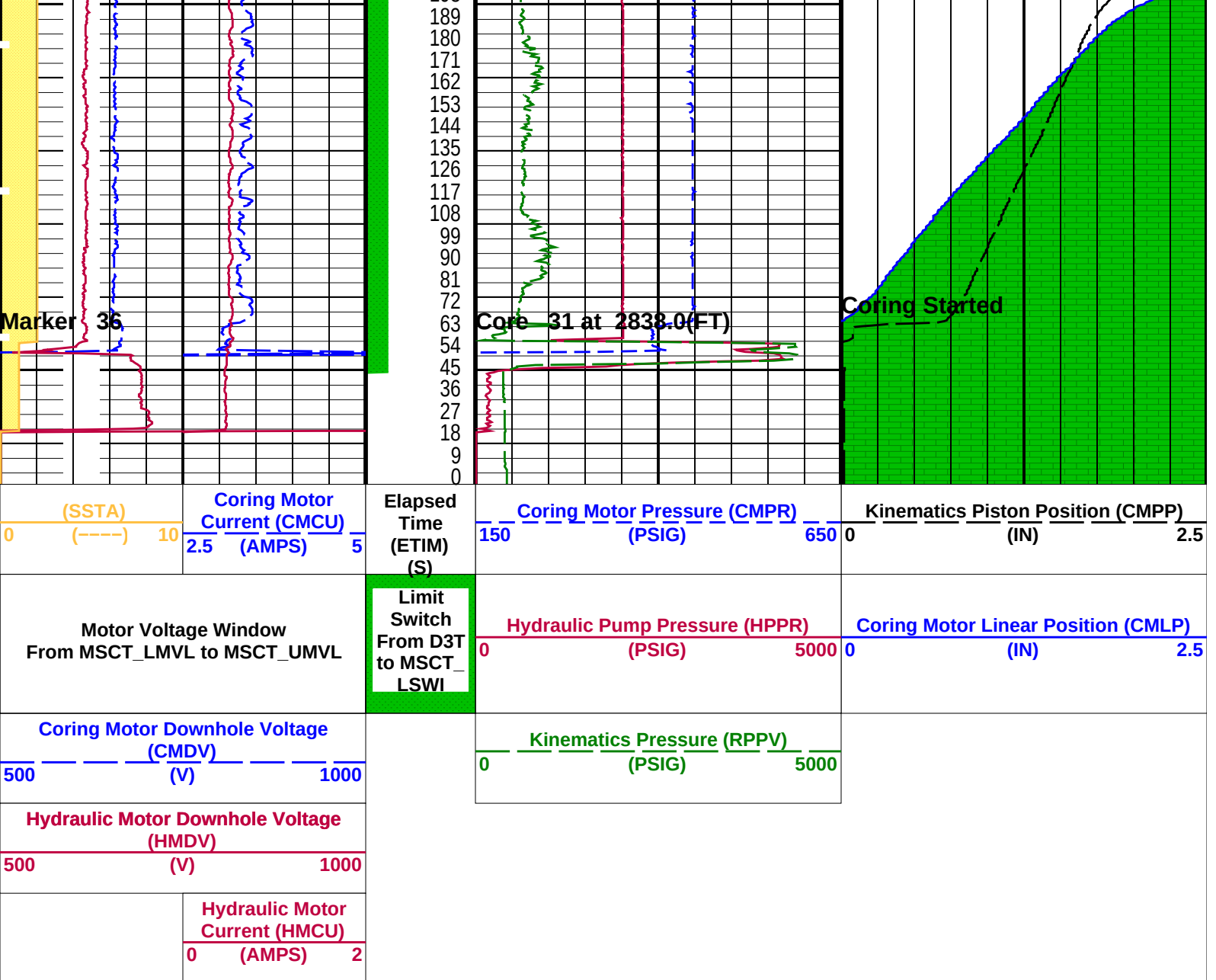
Elapsed Time (s)	Event Summary
834.4	Coring Stopped
718.0	Coring Started
711.6	Marker 38
711.6	Core 33 at 2832.0(FT)
545.6	Coring Stopped
380.8	Coring Started
374.4	Marker 37
374.4	Core 32 at 2834.9(FT)
198.8	Coring Stopped
69.6	Coring Started
63.2	Marker 36
63.2	Core 31 at 2838.0(FT)

PIP SUMMARY

Time Mark Every 60 S







PIP SUMMARY

Time Mark Every 60 S

Parameters		
DLIS Name	Description	Value
MSCT-AA: Mechanical Sidewall Coring Tool		
SOFF	Standoff	0 IN

Format: MSCT_PROPRIETARY_ALL Station_1 Vertical Scale: 1" per 60S Graphics File Created: 17-Oct-2011 01:26

OP System Version: 19C0-187			
MSCT-AA	19C0-187	SGT-P	19C0-187

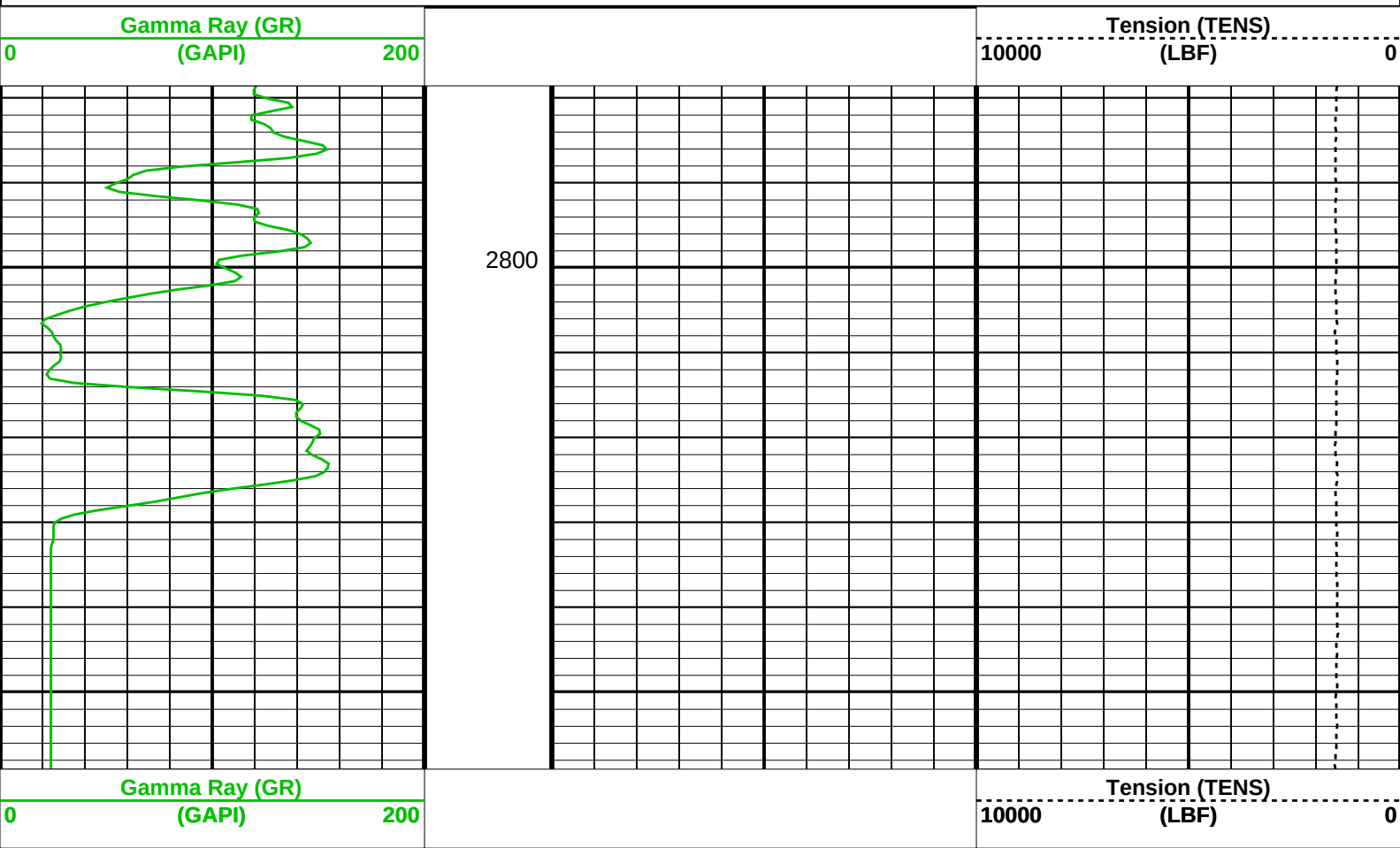
Output DLIS Files			
DEFAULT	MSCT_082LTP	FN:113 PRODUCER	17-Oct-2011 01:26

Company: SANDIA TECHNOLOGIES, LLC Well: NYSTA TANDEM LOT 1

Output DLIS Files			
DEFAULT	MSCT_081LUP	FN:112 PRODUCER	17-Oct-2011 01:23

OP System Version: 19C0-187

MSCT-AA 19C0-187 SGT-P 19C0-187



Format: CORRELATION Vertical Scale: 5" per 100' Graphics File Created: 17-Oct-2011 01:23

OP System Version: 19C0-187

MSCT-AA 19C0-187 SGT-P 19C0-187

Output DLIS Files

DEFAULT MSCT_081LUP FN:112 PRODUCER 17-Oct-2011 01:23

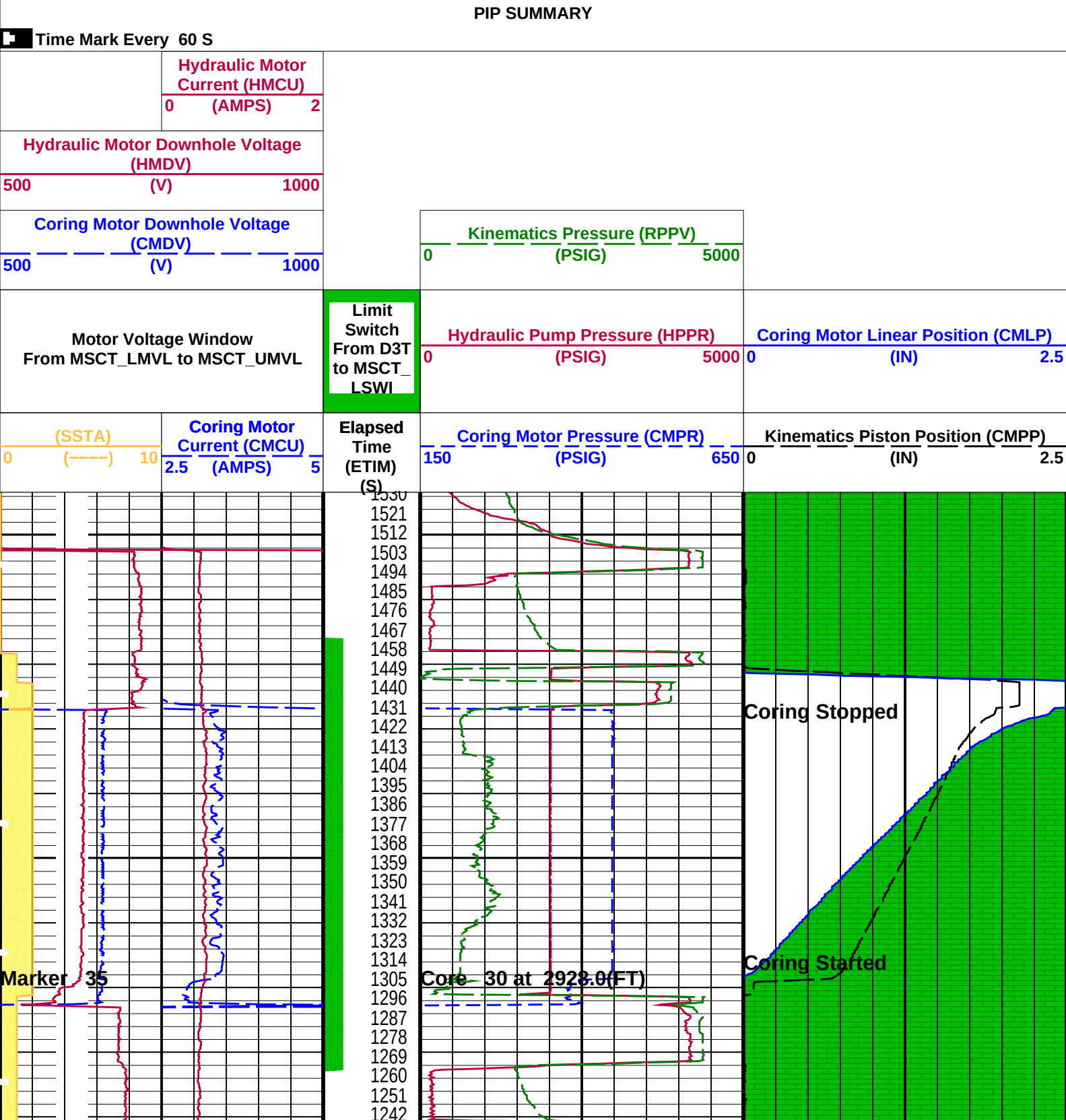
Company: SANDIA TECHNOLOGIES, LLC Well: NYSTA TANDEM LOT 1

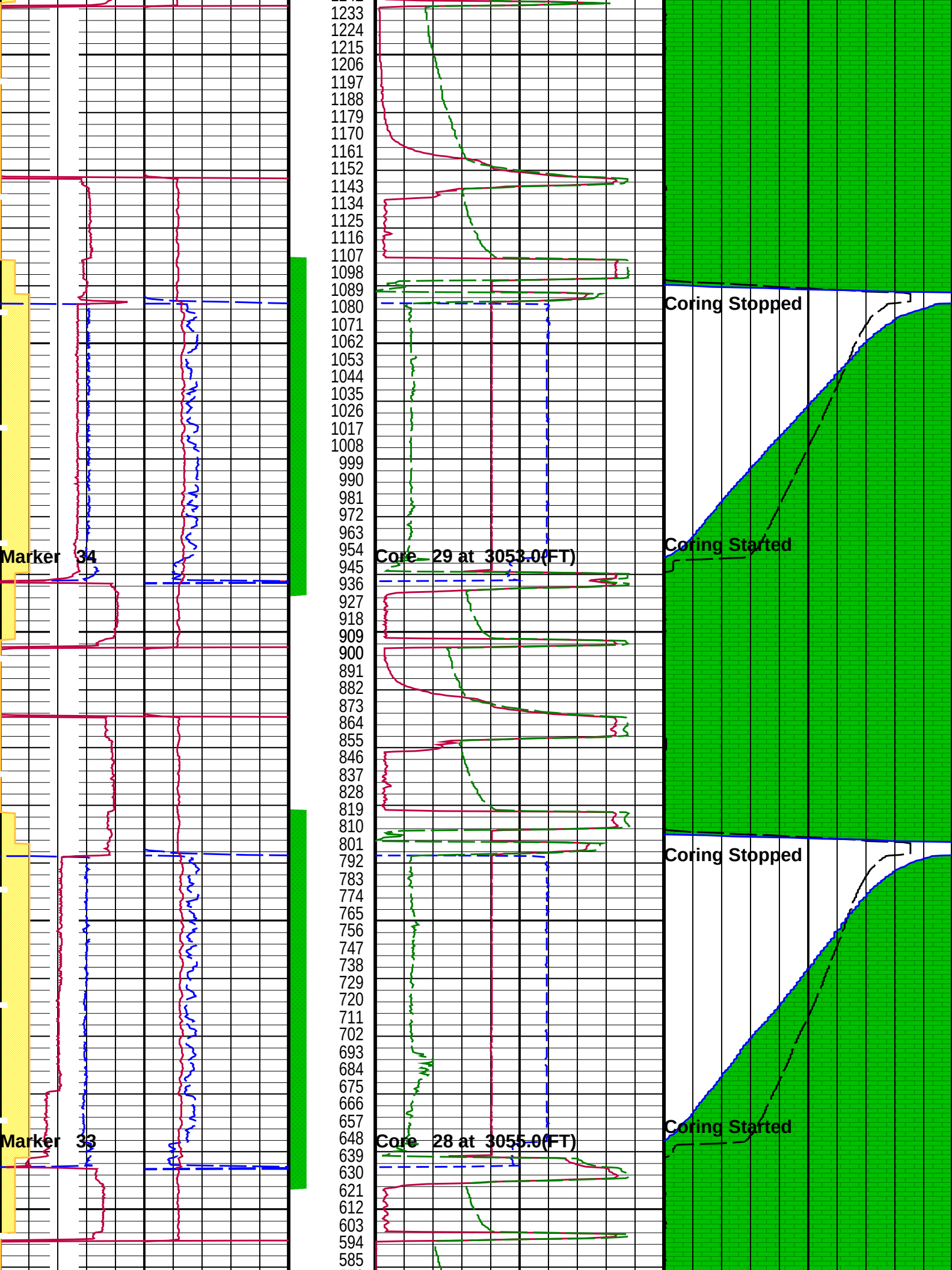
Output DLIS Files

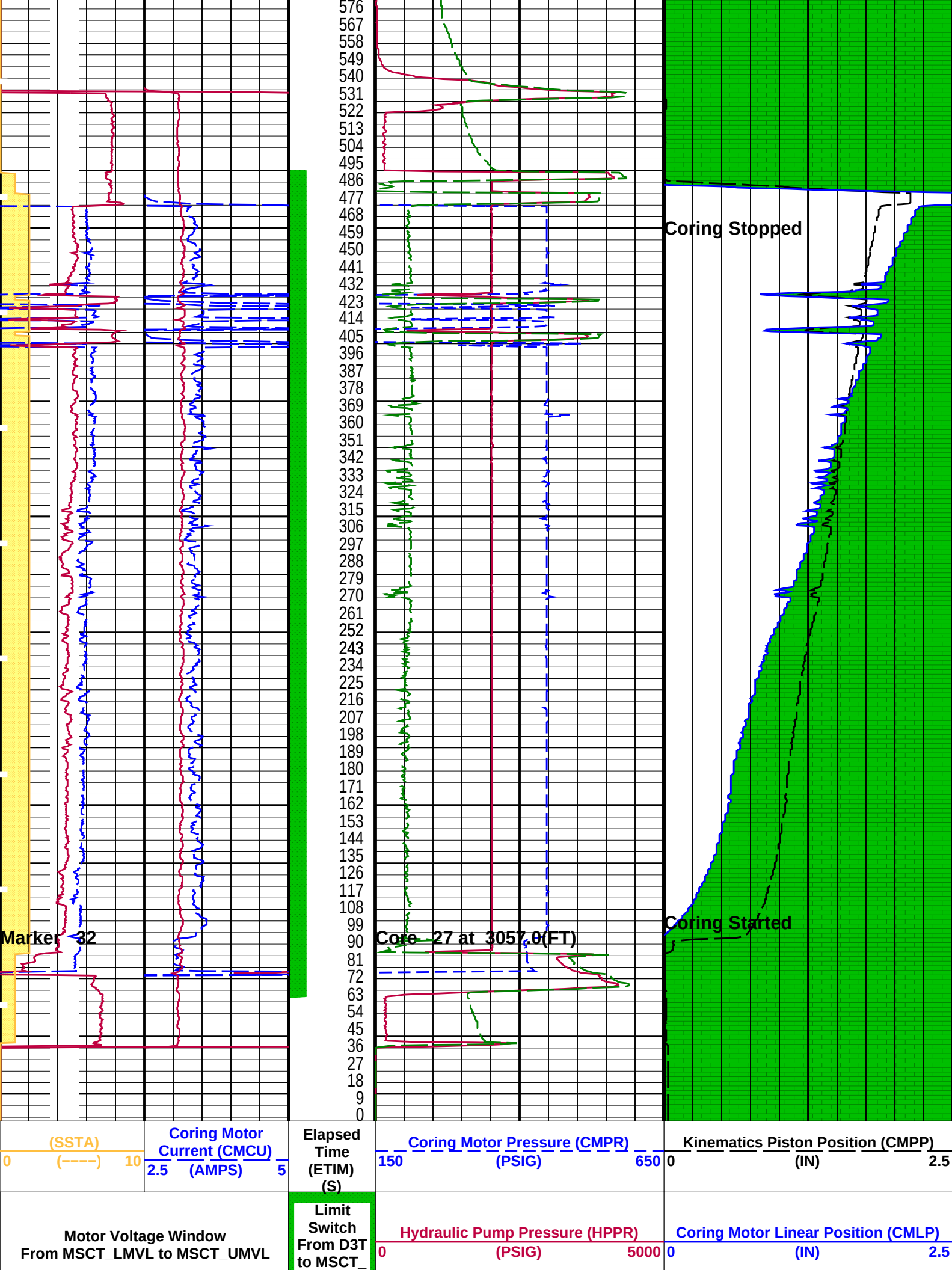
DEFAULT MSCT_080LTP FN:111 PRODUCER 17-Oct-2011 00:56 3066.8 FT

Elapsed Time (s)	Event Summary
1428.4	Coring Stopped
1311.6	Coring Started
1304.8	Marker 35
1304.8	Core 30 at 2928.0(FT)
1081.2	Coring Stopped
956.0	Coring Started
949.6	Marker 34

949.6	Core 29 at 3053.0(FT)
794.4	Coring Stopped
653.2	Coring Started
646.0	Marker 33
646.0	Core 28 at 3055.0(FT)
460.4	Coring Stopped
99.6	Coring Started
92.0	Marker 32
92.0	Core 27 at 3057.0(FT)







		LSWI	
Coring Motor Downhole Voltage (CMDV) 500 (V) 1000		Kinematics Pressure (RPPV) 0 (PSIG) 5000	
Hydraulic Motor Downhole Voltage (HMDV) 500 (V) 1000			
	Hydraulic Motor Current (HMCU) 0 (AMPS) 2		

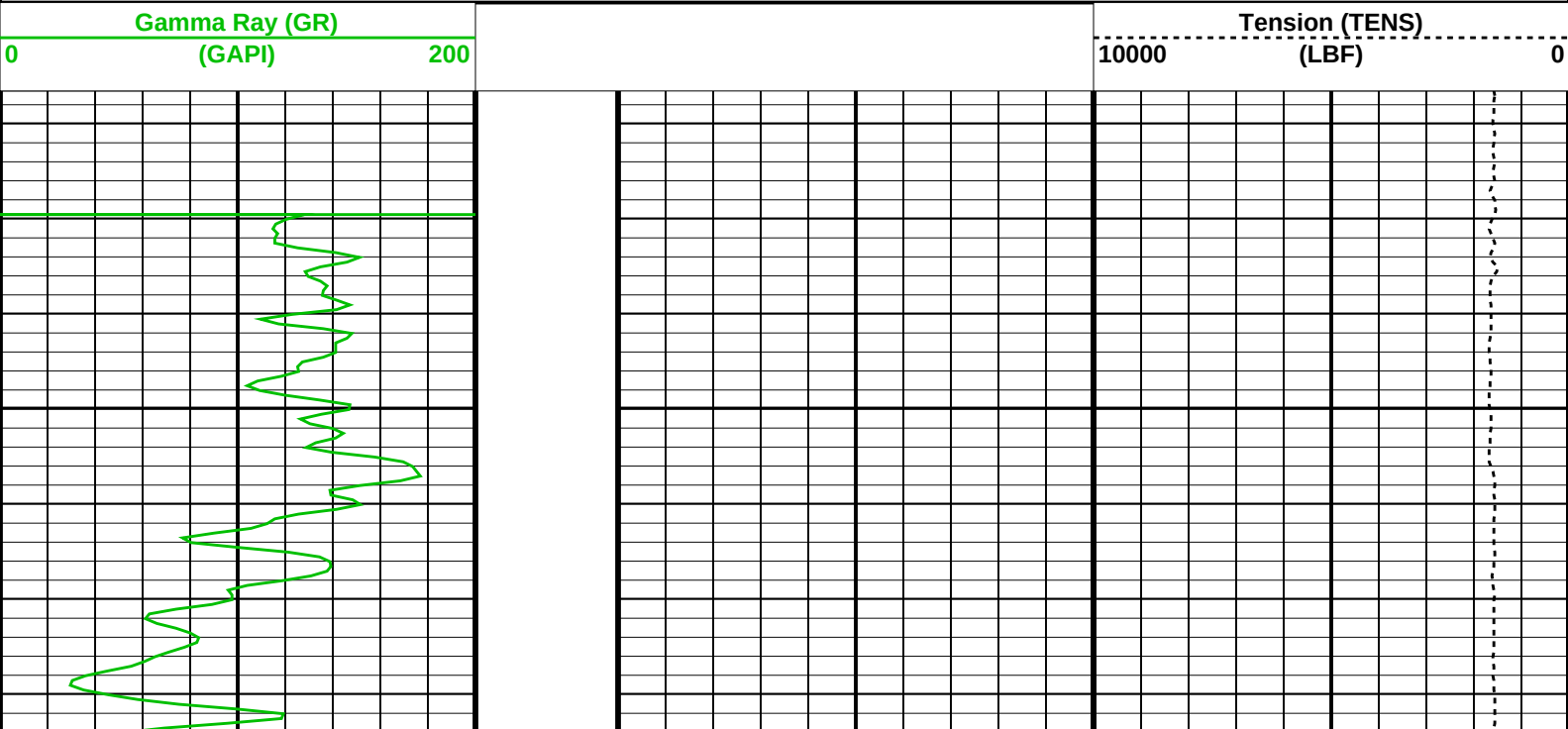
PIP SUMMARY			
 Time Mark Every 60 S			

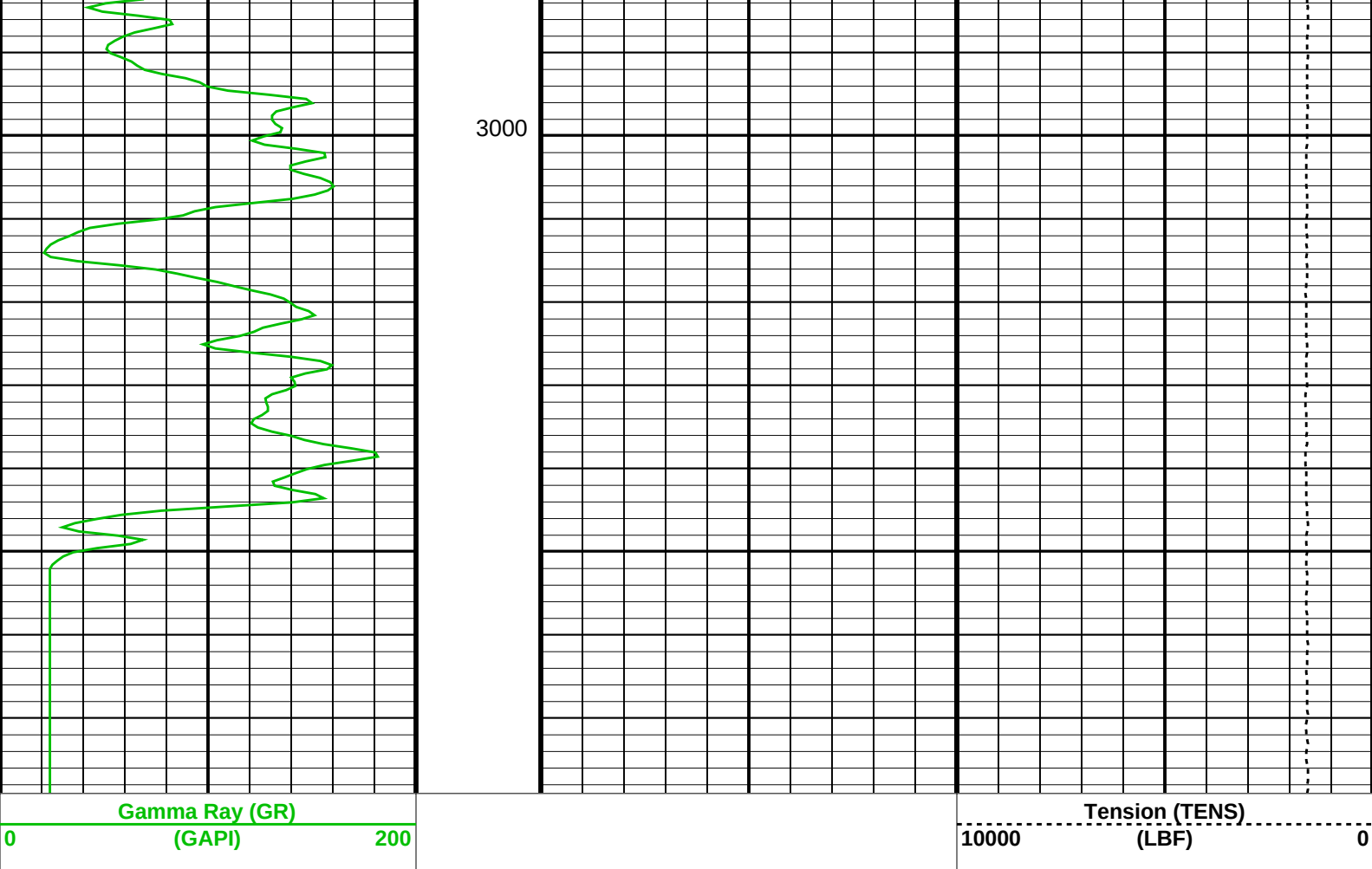
Parameters			
DLIS Name	Description	Value	
SOFF	MSCT-AA: Mechanical Sidewall Coring Tool Standoff	0 IN	
Format: MSCT_PROPRIETARY_ALL_Station_1		Vertical Scale: 1" per 60S	Graphics File Created: 17-Oct-2011 00:56

OP System Version: 19C0-187			
MSCT-AA	19C0-187	SGT-P	19C0-187
Output DLIS Files			
DEFAULT	MSCT_080LTP	FN:111 PRODUCER	17-Oct-2011 00:56

Company: SANDIA TECHNOLOGIES, LLC	Well: NYSTA TANDEM LOT 1
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Output DLIS Files			
DEFAULT	MSCT_079LUP	FN:110 PRODUCER	17-Oct-2011 00:50
OP System Version: 19C0-187			
MSCT-AA	19C0-187	SGT-P	19C0-187





Format: CORRELATION Vertical Scale: 5" per 100' Graphics File Created: 17-Oct-2011 00:50

OP System Version: 19C0-187

MSCT-AA 19C0-187 SGT-P 19C0-187

Output DLIS Files

DEFAULT MSCT_079LUP FN:110 PRODUCER 17-Oct-2011 00:50

Company: SANDIA TECHNOLOGIES, LLC Well: NYSTA TANDEM LOT 1

Output DLIS Files

DEFAULT MSCT_076LTP FN:107 PRODUCER 16-Oct-2011 21:01 3116.0 FT

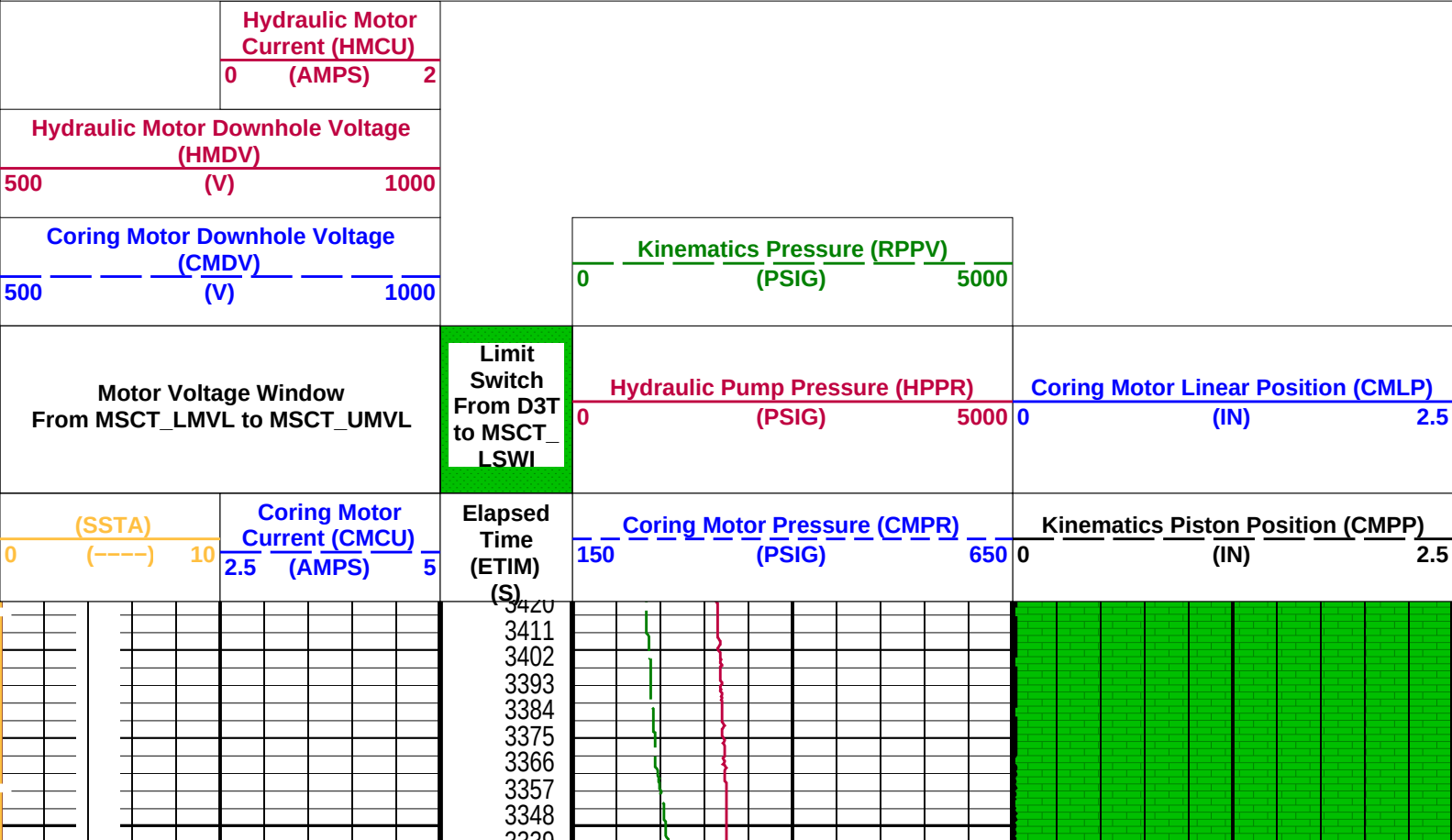
Elapsed Time (s)	Event Summary
2812.0	Coring Stopped
2650.4	Coring Started
2643.6	Marker 30
2643.6	Core 26 at 3059.0(FT)
2402.0	Coring Stopped
2232.0	Coring Started
2225.6	Marker 29
2225.6	Core 25 at 3064.0(FT)
2039.2	Coring Stopped

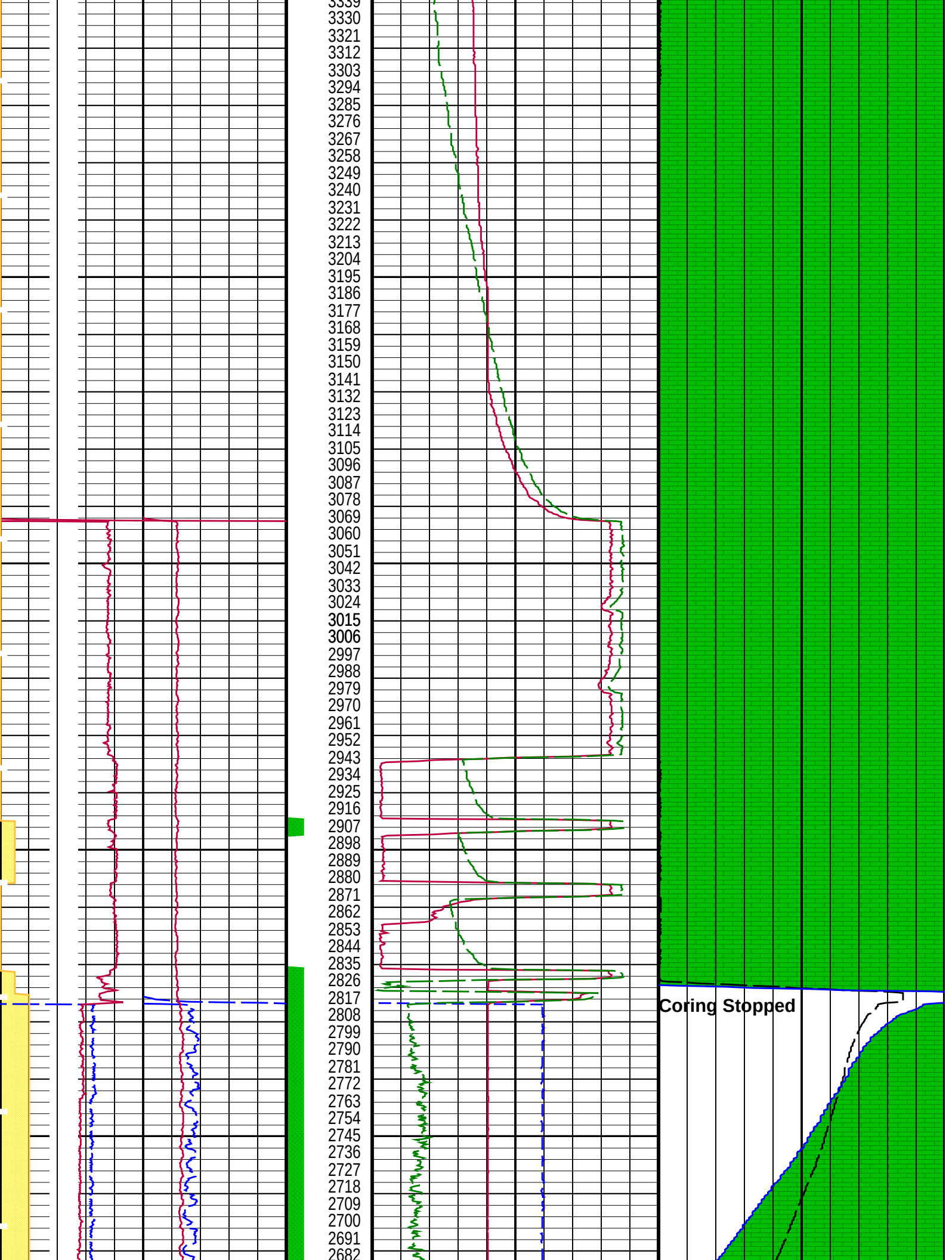
2036.8	Coring Started
2031.2	Marker 28
2031.2	
1937.2	Coring Stopped
1934.8	Coring Started
1929.2	Marker 27
1929.2	
1746.4	Coring Stopped
1572.0	Coring Started
1566.8	Marker 26
1566.8	Core 24 at 3066.0(FT)
1316.4	Coring Stopped
1217.6	Coring Started
1211.2	Marker 25
1211.2	Core 23 at 3077.0(FT)
970.0	Coring Stopped
820.8	Coring Started
813.6	Marker 24
813.6	Core 22 at 3080.0(FT)
658.0	Coring Stopped
480.4	Coring Started
472.8	Marker 23
472.8	Core 21 at 3082.0(FT)
220.0	Coring Stopped
52.8	Coring Started
46.0	Marker 22
46.0	Core 20 at 3116.0(FT)

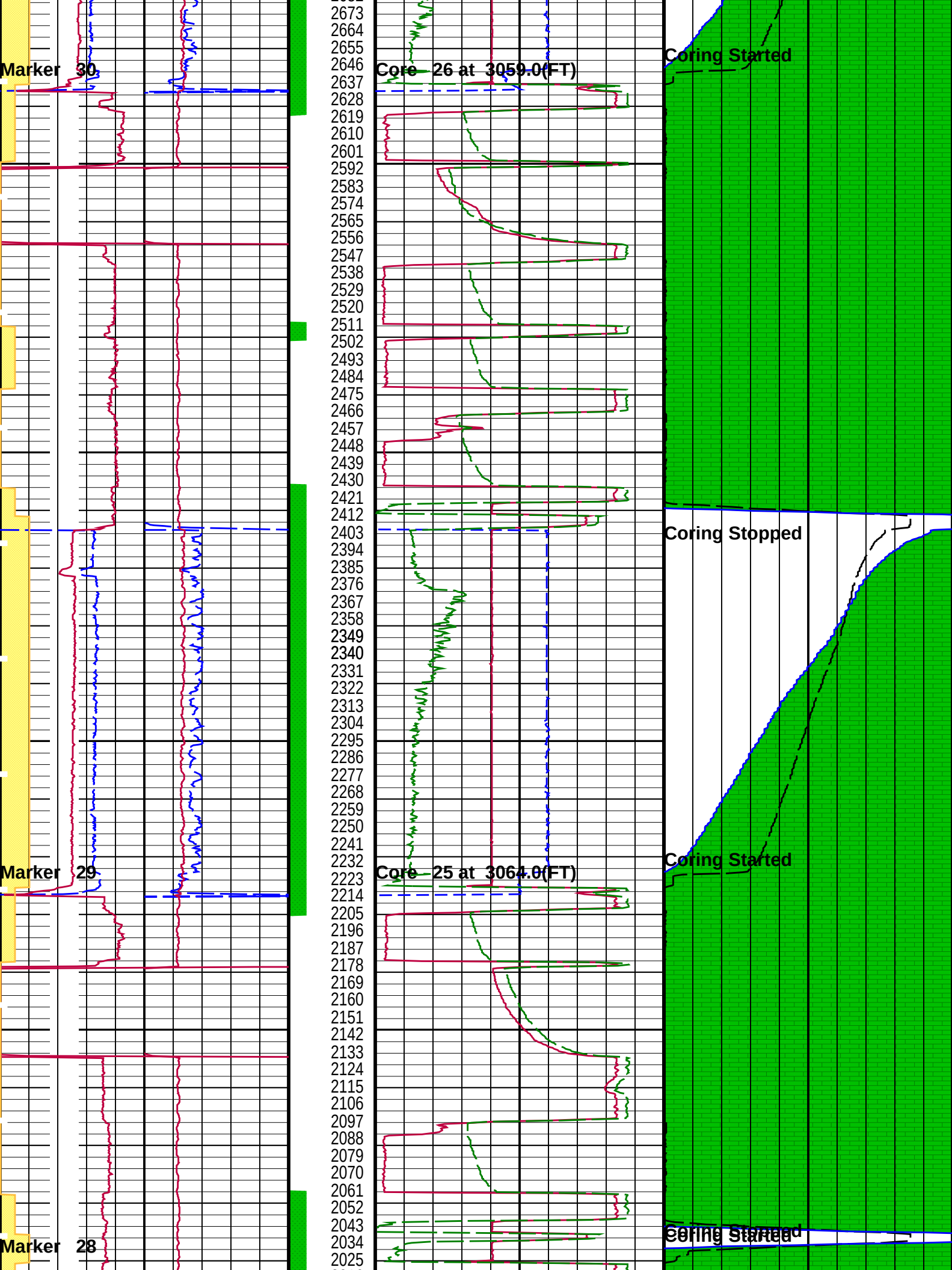
PIP SUMMARY

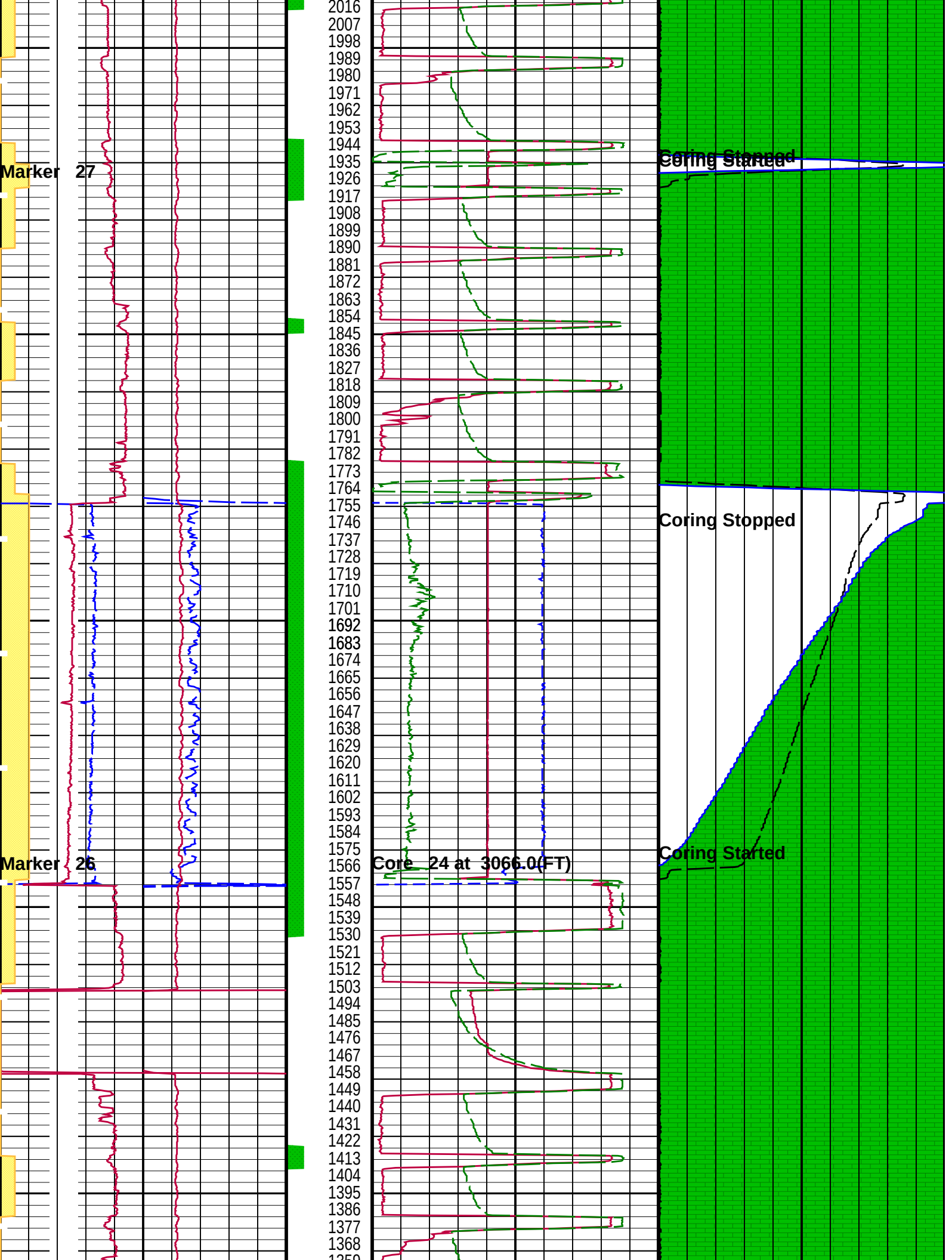


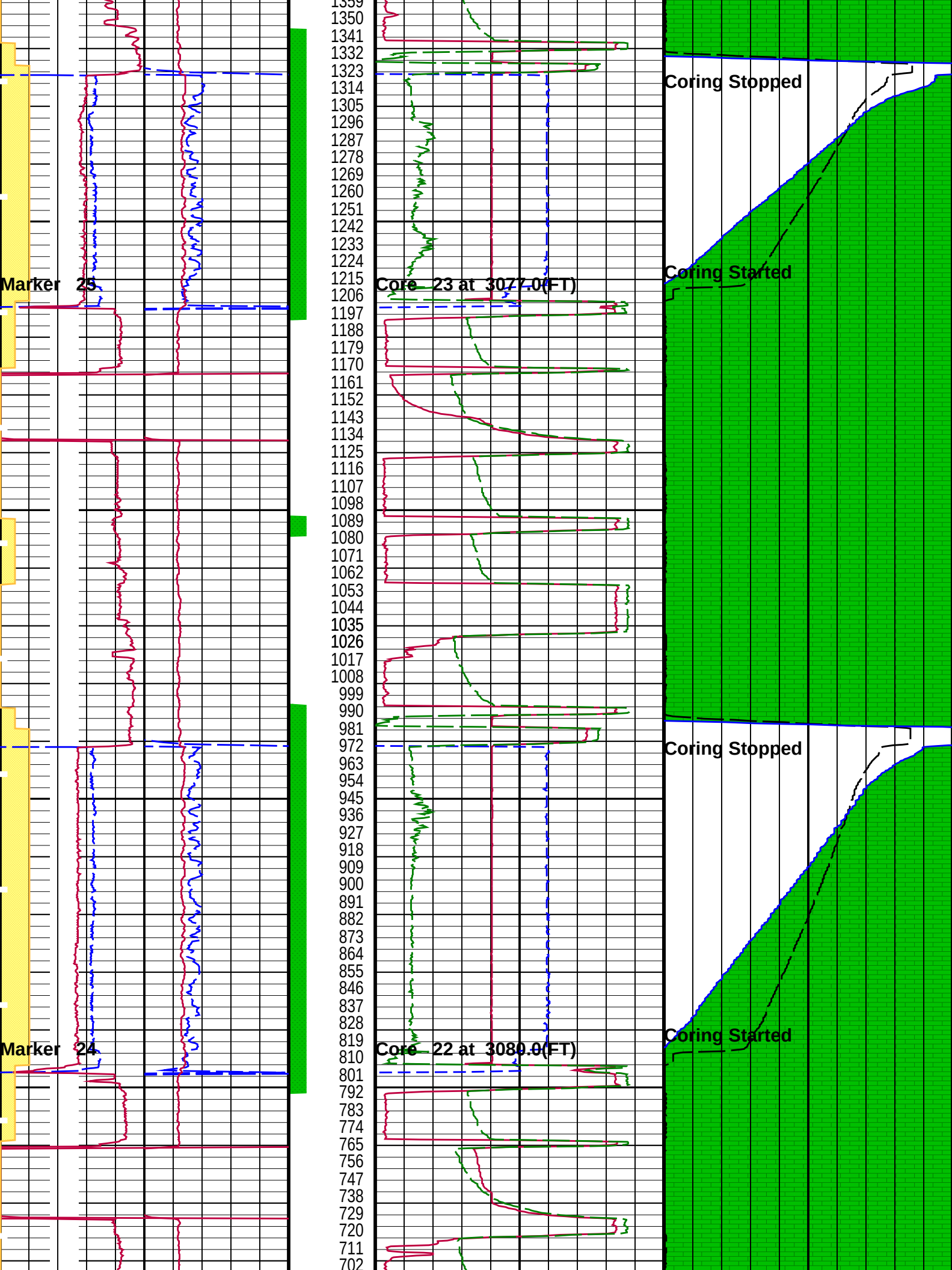
Time Mark Every 60 S

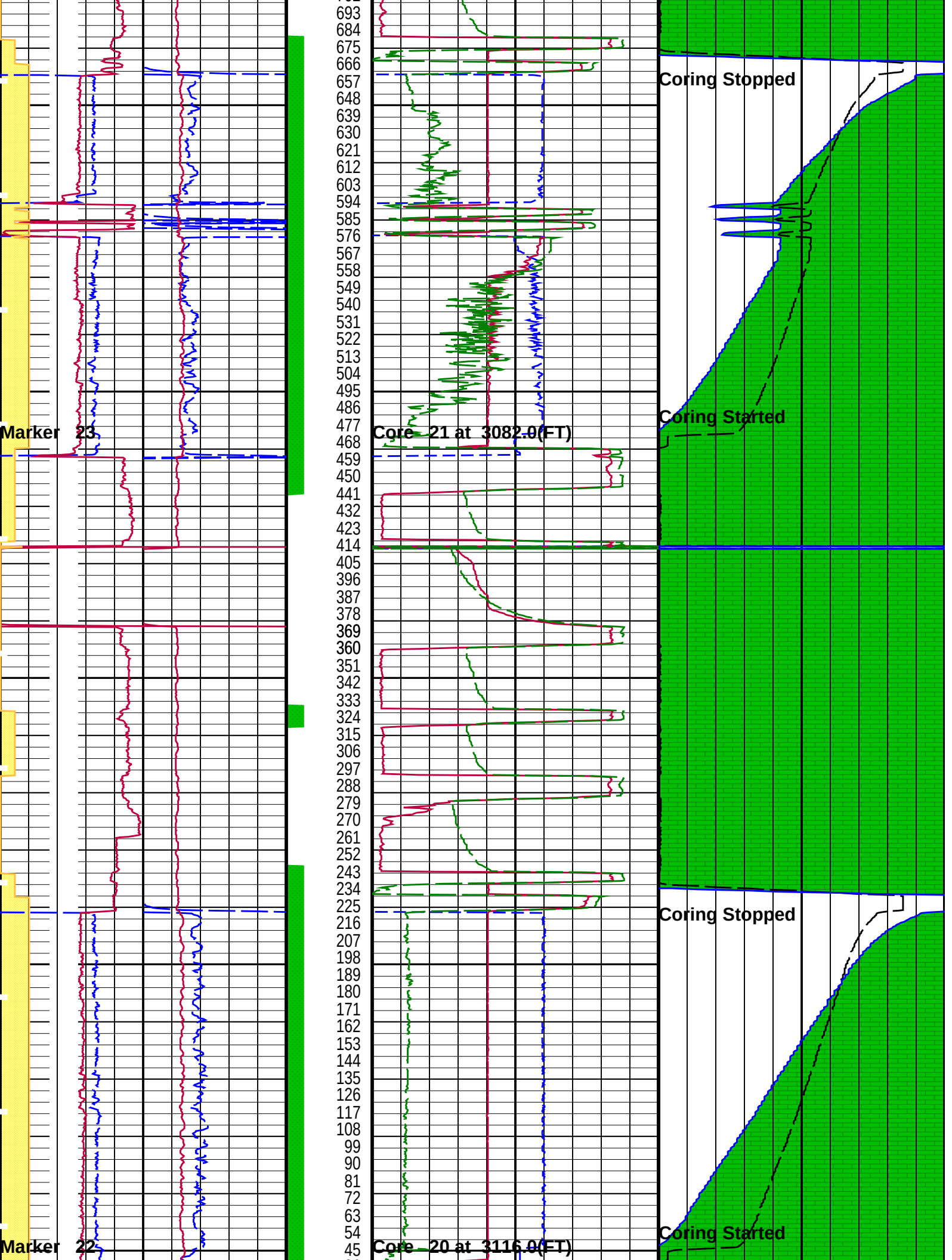


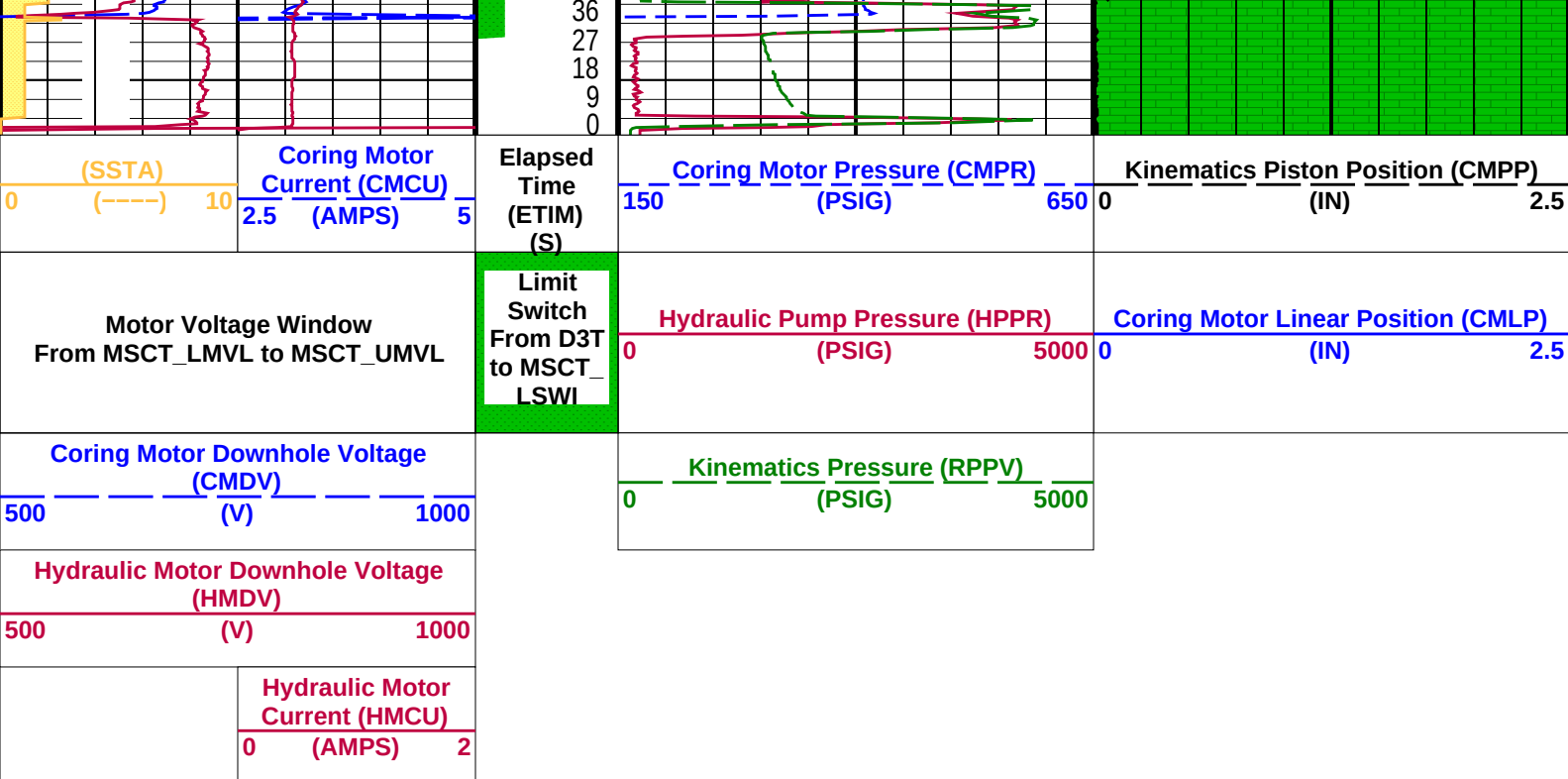












PIP SUMMARY

Time Mark Every 60 S

Parameters		
DLIS Name	Description	Value
MSCT-AA: Mechanical Sidewall Coring Tool		
SOFF	Standoff	0 IN

Format: MSCT_PROPRIETARY_ALL_Station_1 Vertical Scale: 1" per 60S Graphics File Created: 16-Oct-2011 21:01

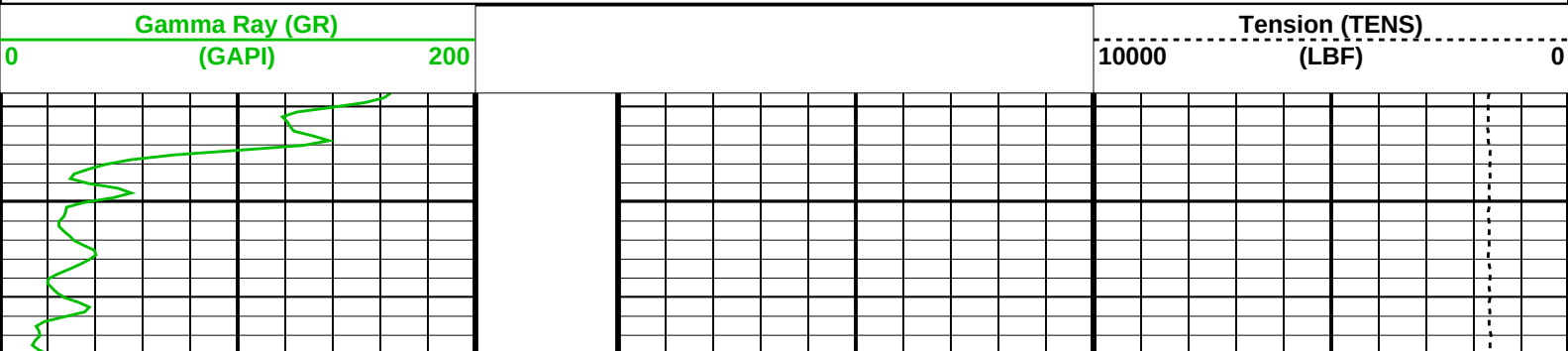
OP System Version: 19C0-187			
MSCT-AA	19C0-187	SGT-P	19C0-187

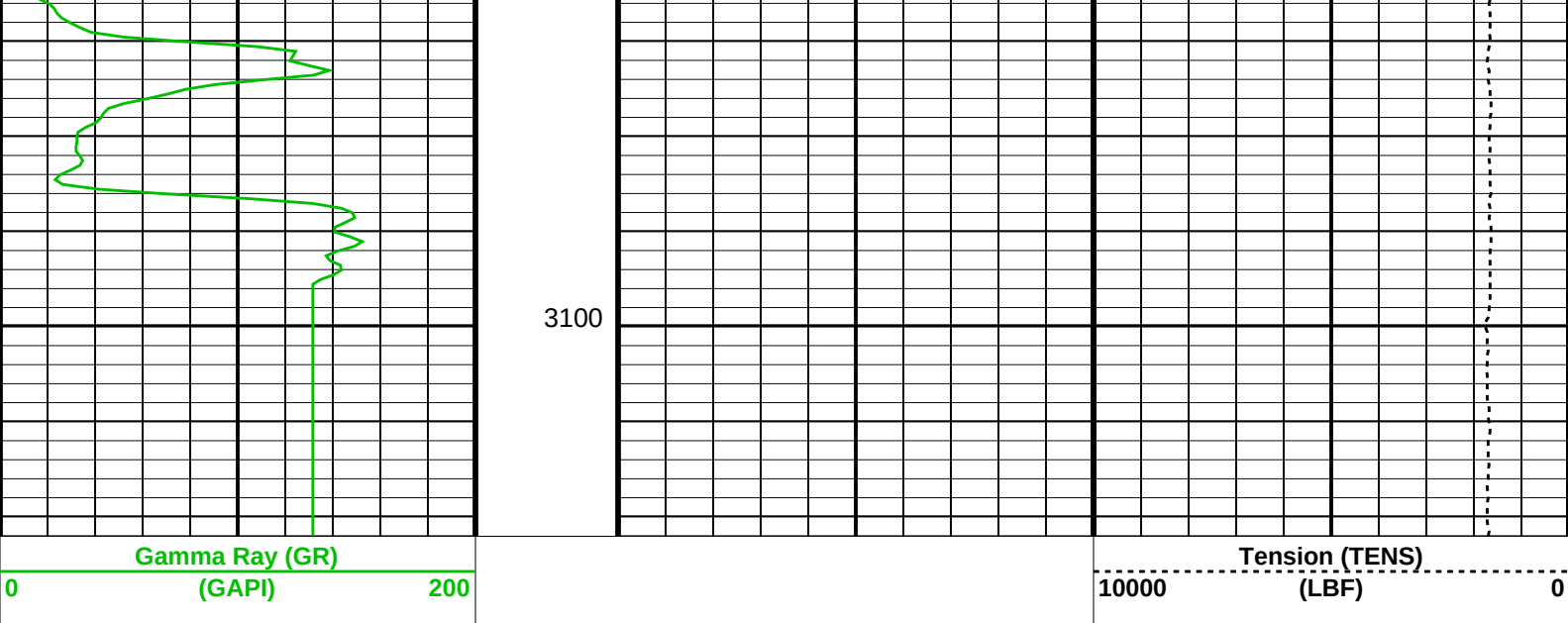
Output DLIS Files			
DEFAULT	MSCT_076LTP	FN:107 PRODUCER	16-Oct-2011 21:01

Company: SANDIA TECHNOLOGIES, LLC Well: NYSTA TANDEM LOT 1

Output DLIS Files			
DEFAULT	MSCT_075LUP	FN:106 PRODUCER	16-Oct-2011 20:58

OP System Version: 19C0-187			
MSCT-AA	19C0-187	SGT-P	19C0-187





Format: CORRELATION Vertical Scale: 5" per 100' Graphics File Created: 16-Oct-2011 20:58

OP System Version: 19C0-187

MSCT-AA 19C0-187 SGT-P 19C0-187

Output DLIS Files

DEFAULT MSCT_075LUP FN:106 PRODUCER 16-Oct-2011 20:58

Company: SANDIA TECHNOLOGIES, LLC Well: NYSTA TANDEM LOT 1

Output DLIS Files

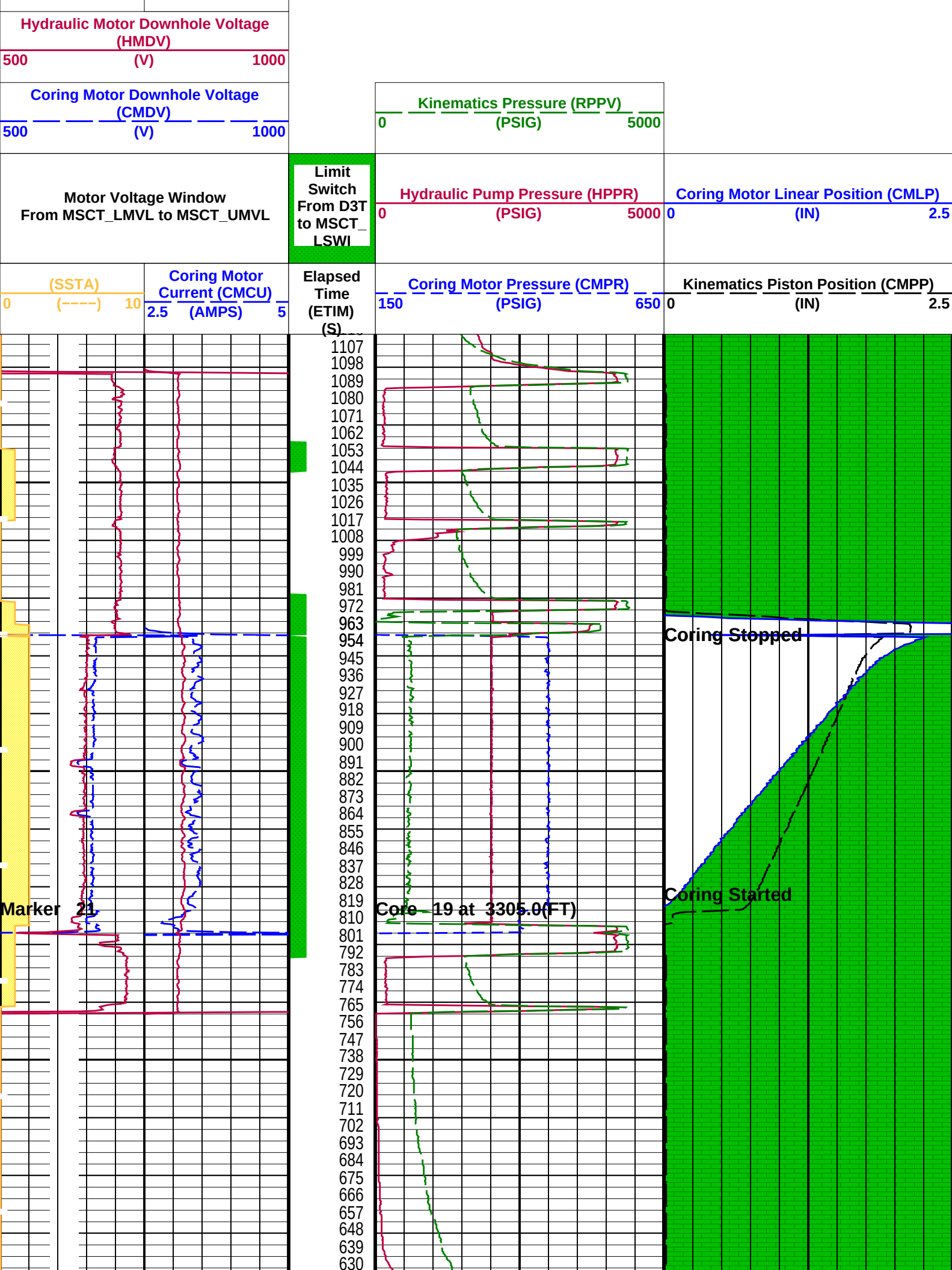
DEFAULT MSCT_073LTP FN:104 PRODUCER 16-Oct-2011 20:33 3513.3 FT

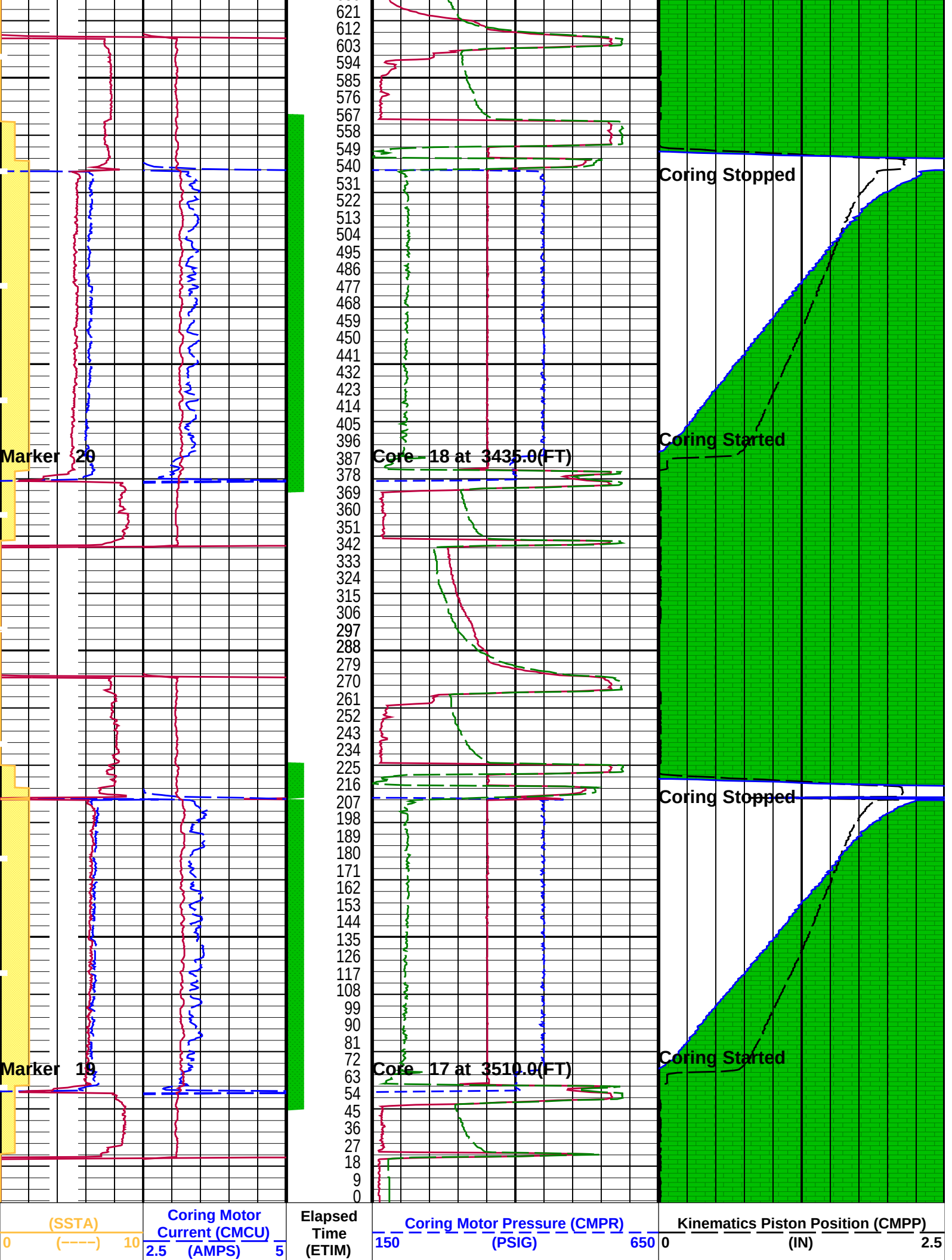
Elapsed Time (s)	Event Summary
956.4	Coring Stopped
821.6	Coring Started
814.0	Marker 21
814.0	Core 19 at 3305.0(FT)
534.8	Coring Stopped
396.0	Coring Started
388.0	Marker 20
388.0	Core 18 at 3435.0(FT)
209.2	Coring Stopped
73.2	Coring Started
66.4	Marker 19
66.4	Core 17 at 3510.0(FT)

PIP SUMMARY

Time Mark Every 60 S

Hydraulic Motor
Current (HMCU)
0 (AMPS) 2





Motor Voltage Window From MSCT_LMVL to MSCT_UMVL		(S) Limit Switch From D3T to MSCT_LSWI	Hydraulic Pump Pressure (HPPR) 0 (PSIG) 5000		Coring Motor Linear Position (CMLP) 0 (IN) 2.5	
Coring Motor Downhole Voltage (CMDV) 500 (V) 1000			Kinematics Pressure (RPPV) 0 (PSIG) 5000			
Hydraulic Motor Downhole Voltage (HMDV) 500 (V) 1000						
	Hydraulic Motor Current (HMCU) 0 (AMPS) 2					

PIP SUMMARY

Time Mark Every 60 S

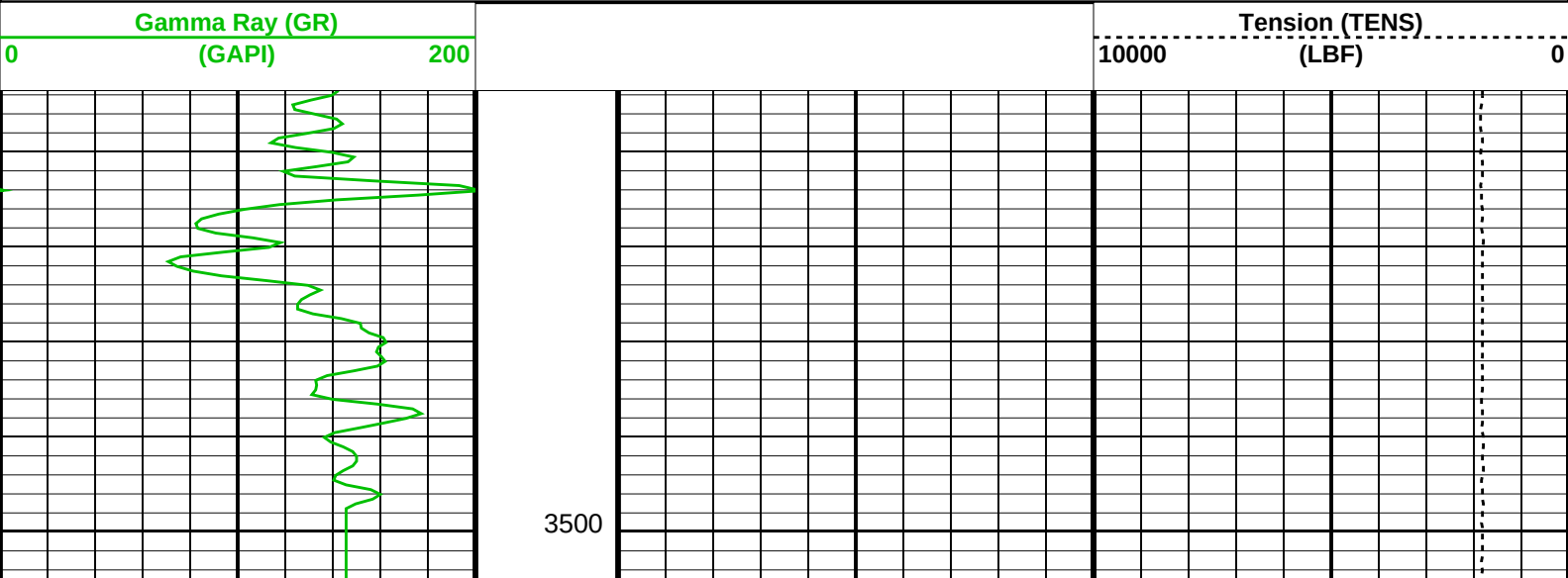
Parameters		
DLIS Name	Description	Value
MSCT-AA: Mechanical Sidewall Coring Tool SOFF	Standoff	0 IN
Format: MSCT_PROPRIETARY_ALL_Station_1 Vertical Scale: 1" per 60S Graphics File Created: 16-Oct-2011 20:33		

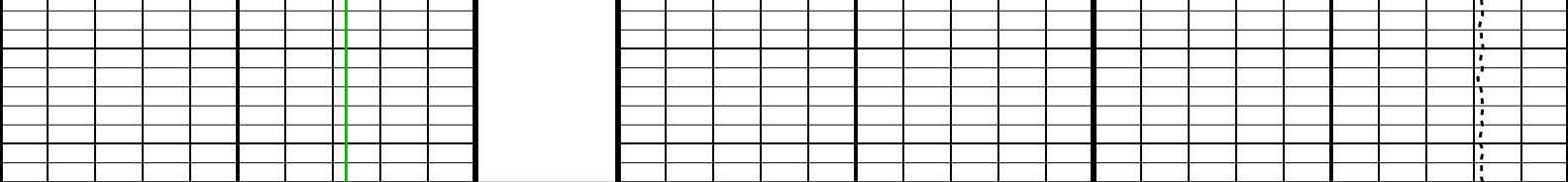
OP System Version: 19C0-187			
MSCT-AA	19C0-187	SGT-P	19C0-187

Output DLIS Files			
DEFAULT	MSCT_073LTP	FN:104 PRODUCER	16-Oct-2011 20:33

Company: SANDIA TECHNOLOGIES, LLC Well: NYSTA TANDEM LOT 1

Output DLIS Files					
DEFAULT	MSCT_072LUP	FN:103 PRODUCER	16-Oct-2011 20:30	3524.0 FT	3453.1 FT
OP System Version: 19C0-187					
MSCT-AA	19C0-187	SGT-P	19C0-187		





Gamma Ray (GR) (GAPI)		Tension (TENS) (LBF)	
0	200	10000	0

Format: CORRELATION Vertical Scale: 5" per 100' Graphics File Created: 16-Oct-2011 20:30

OP System Version: 19C0-187

MSCT-AA 19C0-187 SGT-P 19C0-187

Output DLIS Files

DEFAULT MSCT_072LUP FN:103 PRODUCER 16-Oct-2011 20:30

Company: SANDIA TECHNOLOGIES, LLC Well: NYSTA TANDEM LOT 1

Output DLIS Files

DEFAULT MSCT_071LTP FN:102 PRODUCER 16-Oct-2011 20:12 3911.0 FT

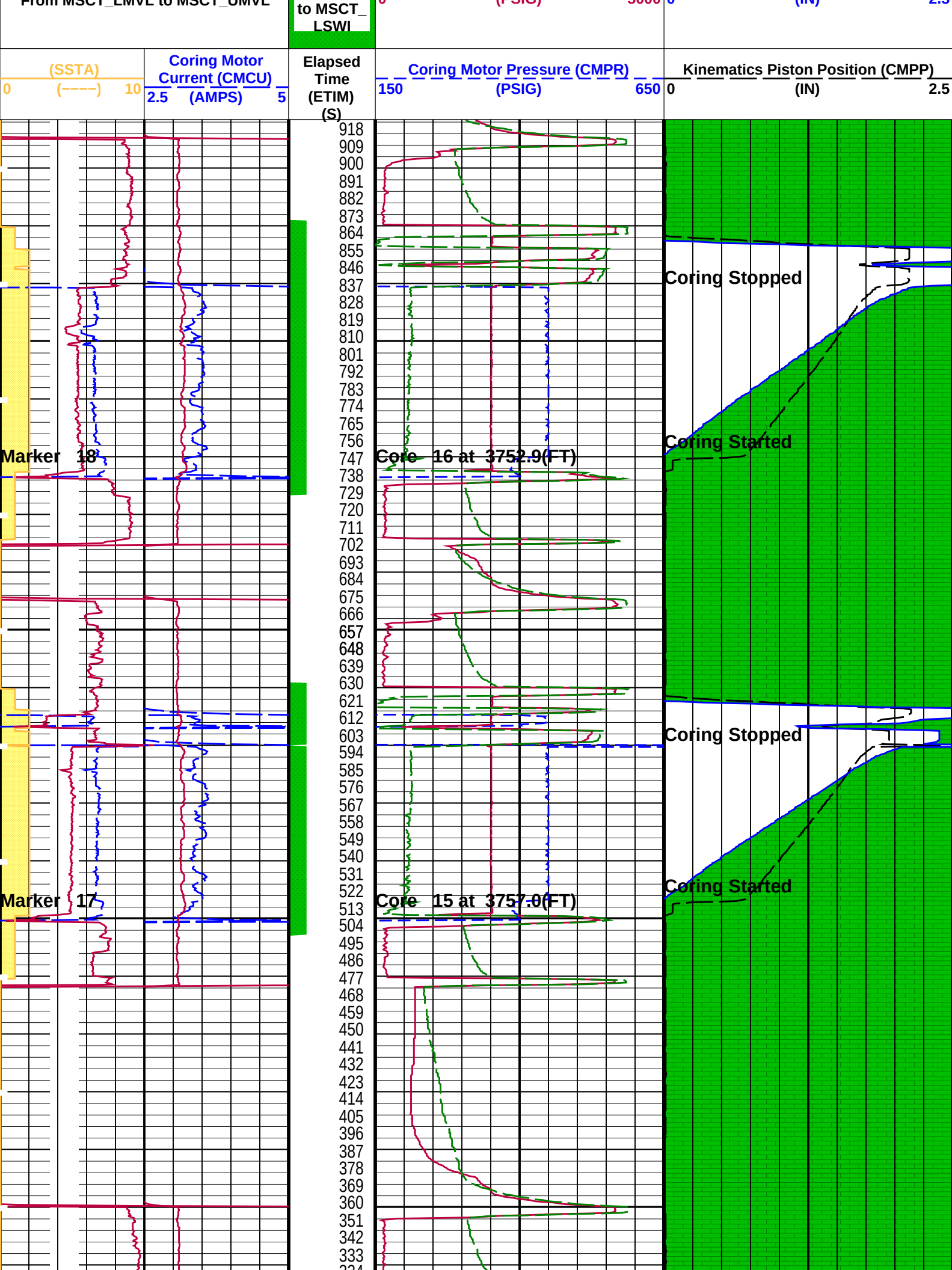
Elapsed Time (s)	Event Summary
840.0	Coring Stopped
754.8	Coring Started
747.6	Marker 18
747.6	Core 16 at 3752.9(FT)
602.8	Coring Stopped
524.0	Coring Started
516.4	Marker 17
516.4	Core 15 at 3757.0(FT)
204.4	Coring Stopped
64.4	Coring Started
57.6	Marker 16
57.6	Core 14 at 3911.0(FT)

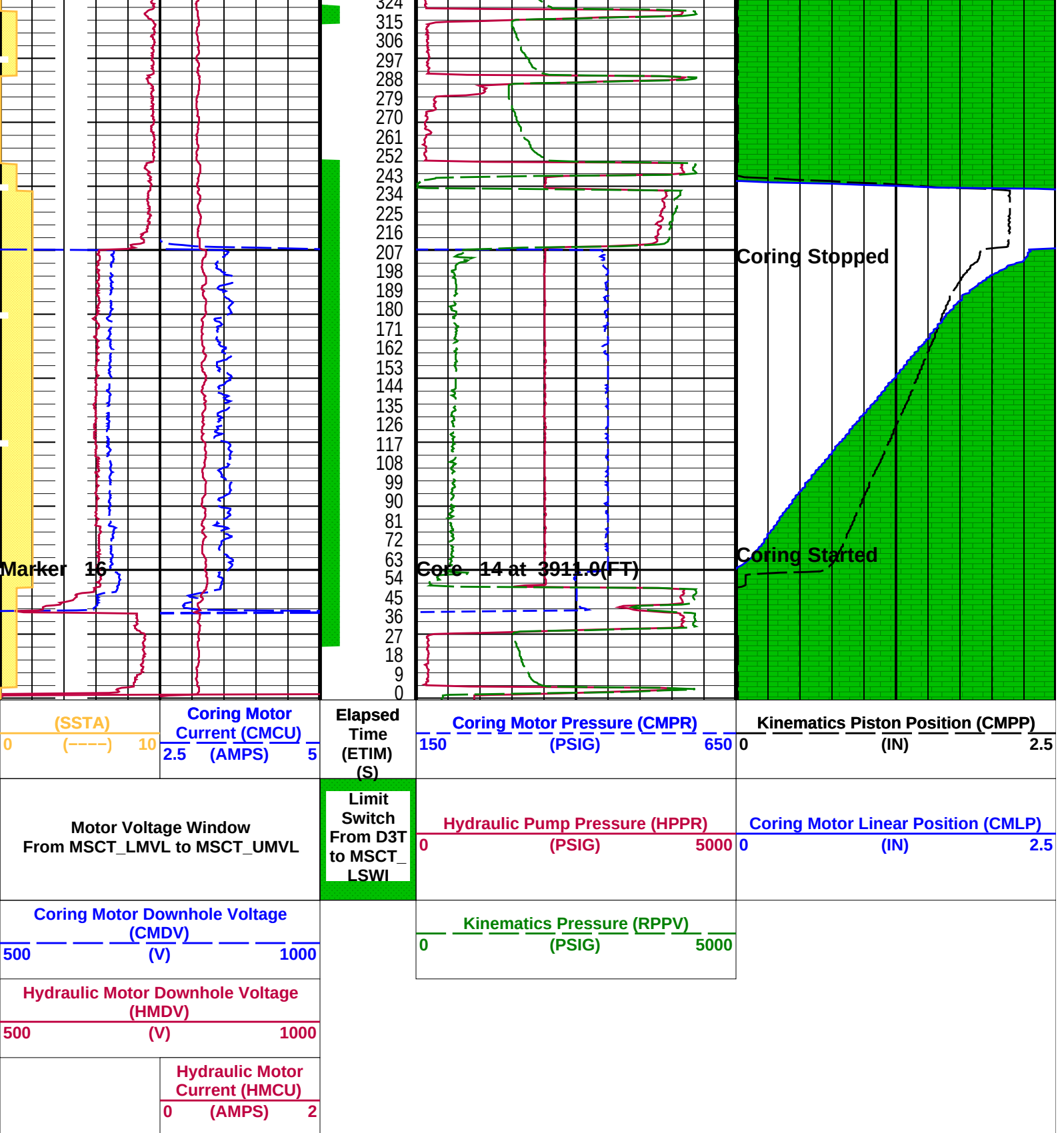
PIP SUMMARY

Time Mark Every 60 S

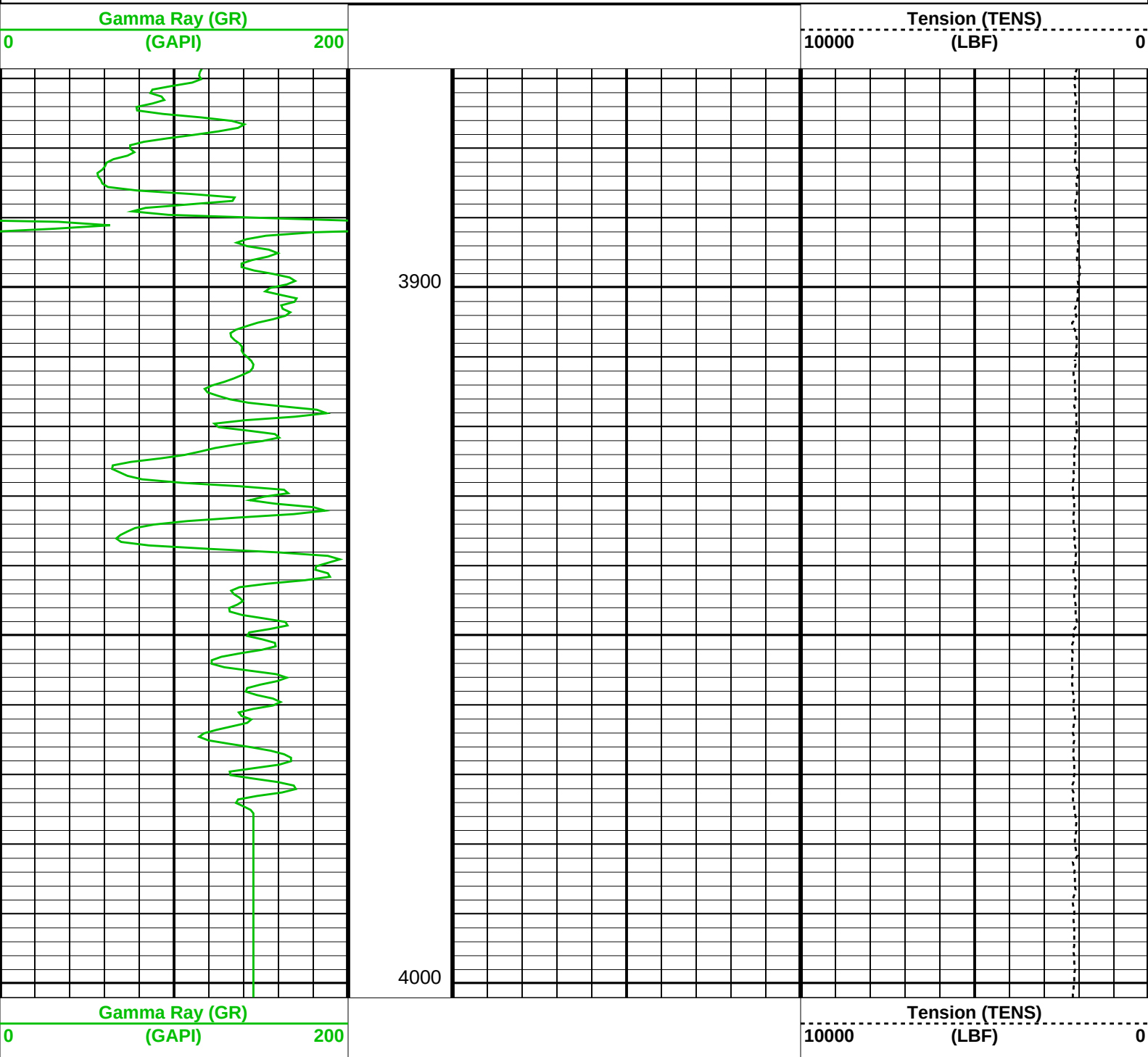
Hydraulic Motor Downhole Voltage (HMDV) (V)	Hydraulic Motor Current (HMCU) (AMPS)	Kinematics Pressure (RPPV) (PSIG)
	0 2	
	500 1000	
Coring Motor Downhole Voltage (CMDV) (V)		0 5000
500 1000		

Motor Voltage Window From MSCT_LMV/L to MSCT_LMV/L	Limit Switch From D3T	Hydraulic Pump Pressure (HPPR) (PSIG)	Coring Motor Linear Position (CMLP) (IN)
		0 5000 0	2 5





PIP SUMMARY		
Time Mark Every 60 S		
Parameters		
DLIS Name	Description	Value
MSCT-AA: Mechanical Sidewall Coring Tool		
SOFF	Standoff	0 IN



MSCT-AA	19C0-187	SGT-P	19C0-187
Output DLIS Files			
DEFAULT	MSCT_070LUP	FN:101 PRODUCER	16-Oct-2011 20:04

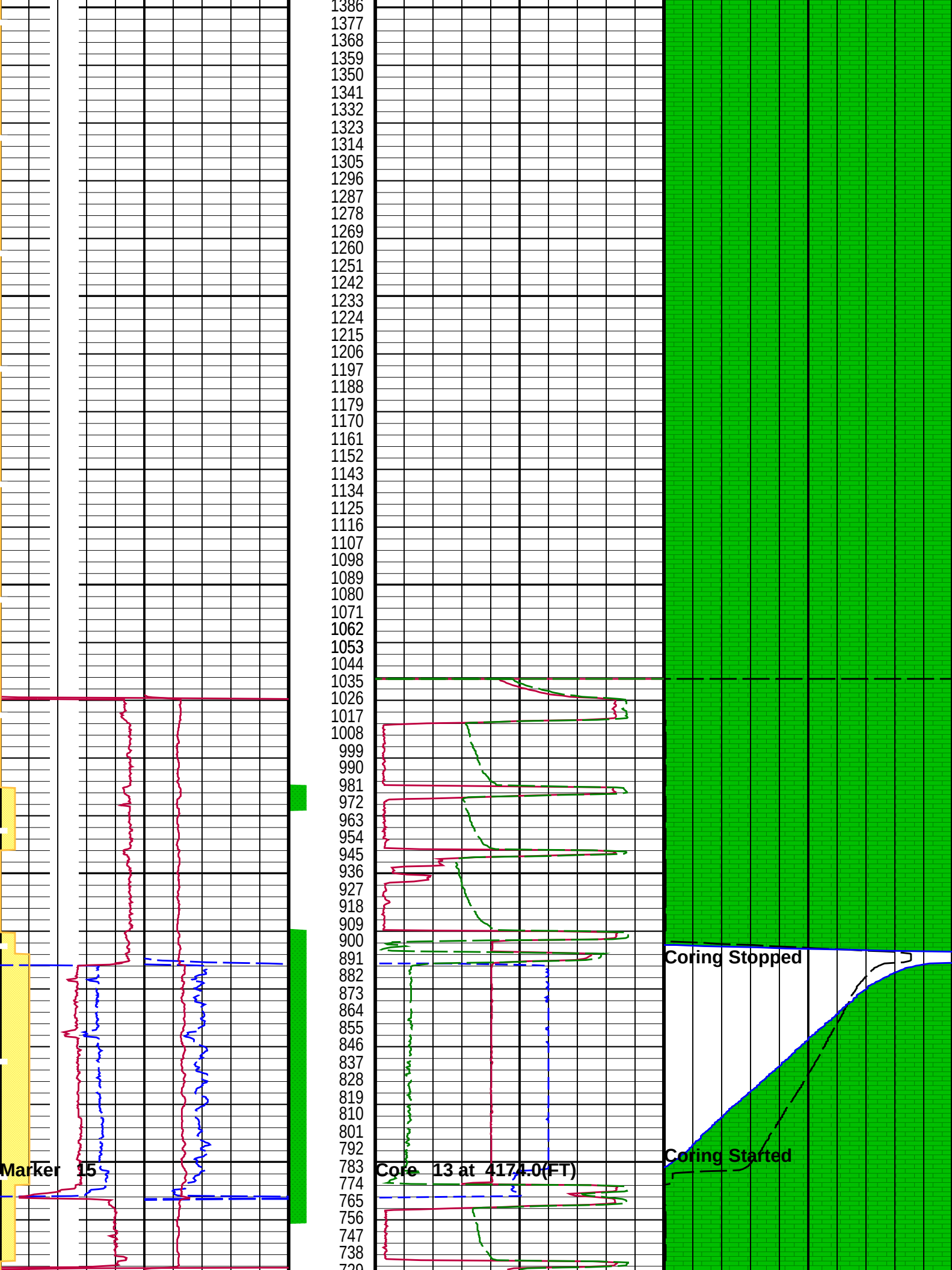
Company: SANDIA TECHNOLOGIES, LLC	Well: NYSTA TANDEM LOT 1
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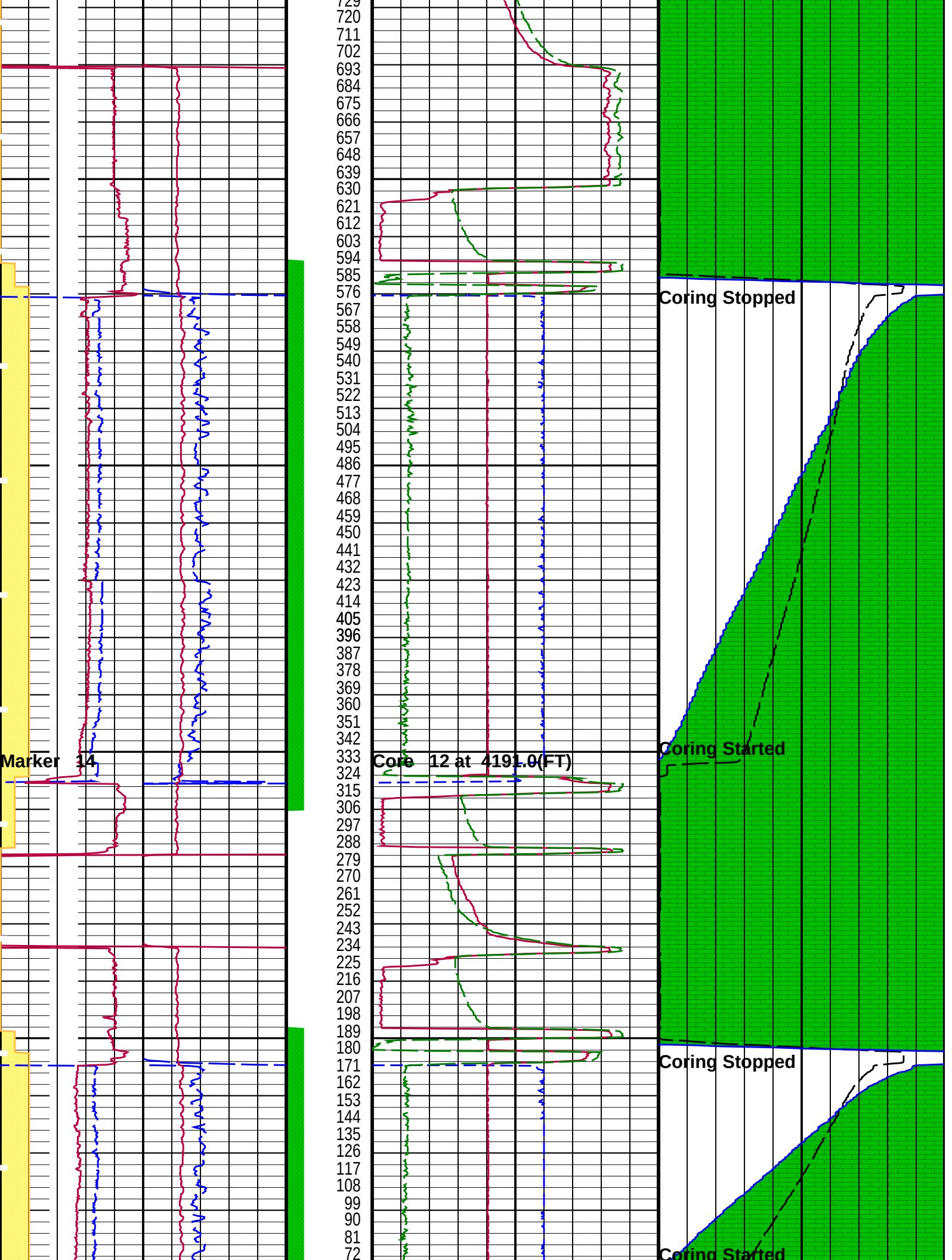
Output DLIS Files			
DEFAULT	MSCT_069LTP	FN:100 PRODUCER	16-Oct-2011 19:47 4234.2 FT

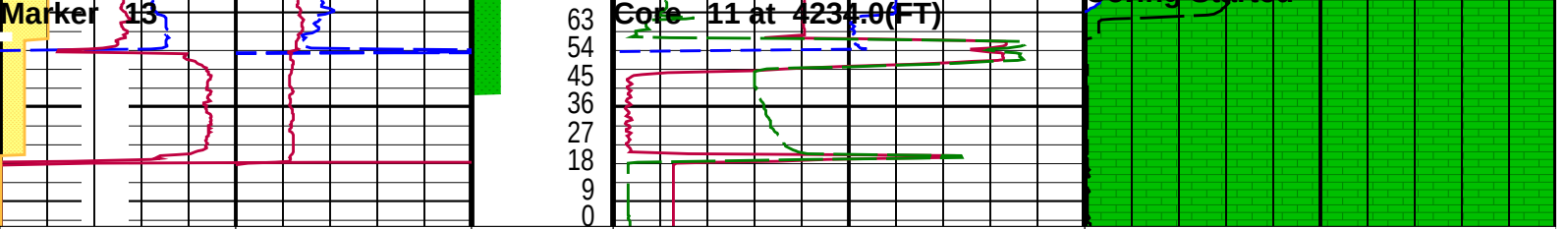
Elapsed Time (s)	Event Summary
890.8	Coring Stopped
788.0	Coring Started
780.4	Marker 15
780.4	Core 13 at 4174.0(FT)
572.4	Coring Stopped
336.4	Coring Started
330.0	Marker 14
330.0	Core 12 at 4191.0(FT)
172.0	Coring Stopped
70.8	Coring Started
64.0	Marker 13
64.0	Core 11 at 4234.0(FT)

PIP SUMMARY

Time Mark Every 60 S									
			Hydraulic Motor Current (HMCU)						
			0 (AMPS) 2						
Hydraulic Motor Downhole Voltage (HMDV)									
500 (V) 1000									
Coring Motor Downhole Voltage (CMDV)									
500 (V) 1000					Kinematics Pressure (RPPV)				
					0 (PSIG) 5000				
Motor Voltage Window From MSCT_LMVL to MSCT_UMVL			Limit Switch From D3T to MSCT_LSWI		Hydraulic Pump Pressure (HPPR)		Coring Motor Linear Position (CMLP)		
					0 (PSIG) 5000		0 (IN) 2.5		
(SSTA)		Coring Motor Current (CMCU)		Elapsed Time (ETIM) (S)	Coring Motor Pressure (CMPR)		Kinematics Piston Position (CMPP)		
0 (----) 10		2.5 (AMPS) 5			150 (PSIG) 650		0 (IN) 2.5		
				1410					
				1431					
				1422					
				1413					
				1404					
				1395					







(SSTA) (-----) 10		Coring Motor Current (CMCU) (AMPS) 2.5 5		Elapsed Time (ETIM) (S)	Coring Motor Pressure (CMPR) (PSIG) 150 650	Kinematics Piston Position (CMPP) (IN) 0 2.5
Motor Voltage Window From MSCT_LMVL to MSCT_UMVL		Limit Switch From D3T to MSCT_LSWI			Hydraulic Pump Pressure (HPPR) (PSIG) 0 5000	Coring Motor Linear Position (CMLP) (IN) 0 2.5
Coring Motor Downhole Voltage (CMDV) (V) 500 1000					Kinematics Pressure (RPPV) (PSIG) 0 5000	
Hydraulic Motor Downhole Voltage (HMDV) (V) 500 1000						
		Hydraulic Motor Current (HMCU) (AMPS) 0 2				

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
MSCT-AA: Mechanical Sidewall Coring Tool SOFF	Standoff	0 IN

Format: MSCT_PROPRIETARY_ALL_Station_1 Vertical Scale: 1" per 60S Graphics File Created: 16-Oct-2011 19:47

OP System Version: 19C0-187

MSCT-AA	19C0-187	SGT-P	19C0-187
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Output DLIS Files

DEFAULT	MSCT_069LTP	FN:100	PRODUCER	16-Oct-2011 19:47
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Company: SANDIA TECHNOLOGIES, LLC Well: NYSTA TANDEM LOT 1

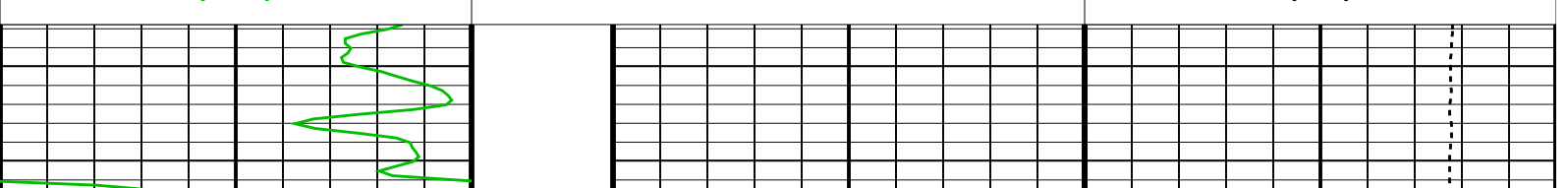
Output DLIS Files

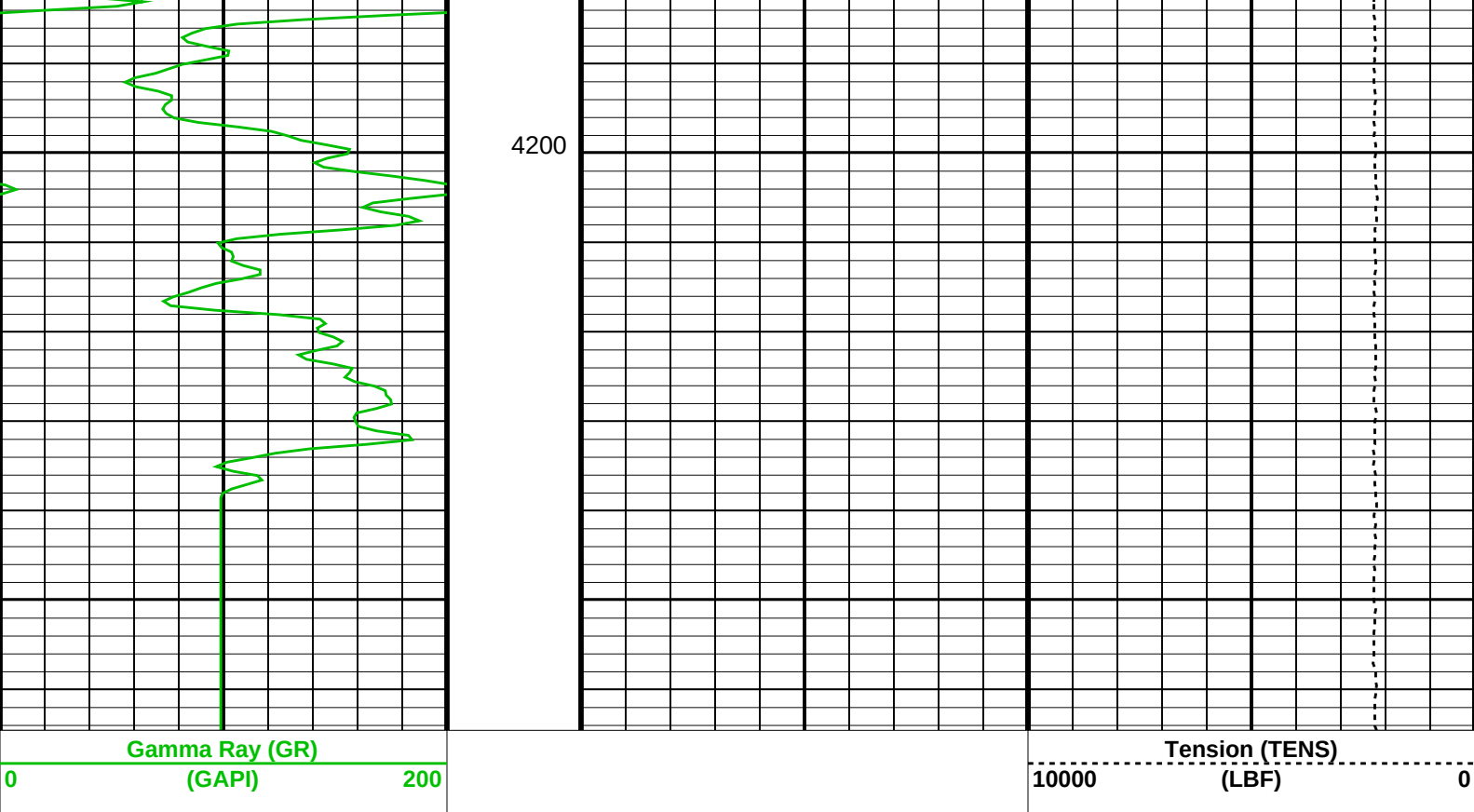
DEFAULT	MSCT_068LUP	FN:99	PRODUCER	16-Oct-2011 19:41	4264.5 FT	4165.5 FT
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OP System Version: 19C0-187

MSCT-AA	19C0-187	SGT-P	19C0-187
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Gamma Ray (GR) (GAPI) 0 200		Tension (TENS) (LBF) 10000 0	
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Format: CORRELATION		Vertical Scale: 5" per 100'		Graphics File Created: 16-Oct-2011 19:41	
OP System Version: 19C0-187					
MSCT-AA	19C0-187	SGT-P		19C0-187	
Output DLIS Files					
DEFAULT	MSCT_068LUP	FN:99	PRODUCER	16-Oct-2011 19:41	

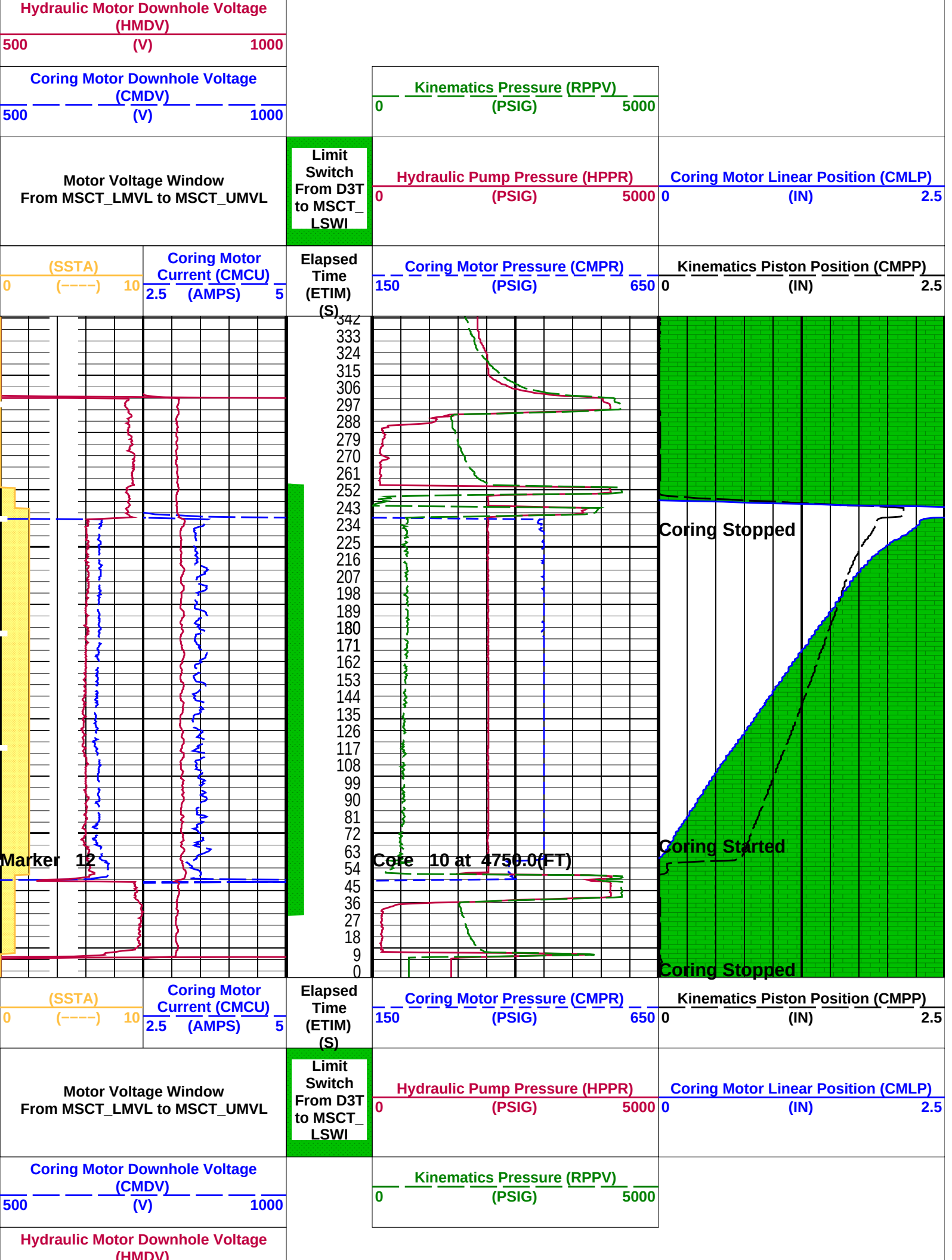
Company: SANDIA TECHNOLOGIES, LLC Well: NYSTA TANDEM LOT 1

Output DLIS Files					
DEFAULT	MSCT_066LTP	FN:97	PRODUCER	16-Oct-2011 19:27	4750.8 FT

Elapsed Time (s)	Event Summary
231.6	Coring Stopped
64.8	Coring Started
58.4	Marker 12
58.4	Core 10 at 4750.0(FT)
0.0	Coring Stopped

PIP SUMMARY

Time Mark Every 60 S	
Hydraulic Motor Current (HMCU) (AMPS)	
0	2



500	(V)	1000
	Hydraulic Motor Current (HMCU)	
0	(AMPS)	2

PIP SUMMARY

 Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
SOFF	MSCT-AA: Mechanical Sidewall Coring Tool Standoff	0 IN

Format: MSCT_PROPRIETARY_ALL_Station_1 Vertical Scale: 1" per 60S Graphics File Created: 16-Oct-2011 19:27

OP System Version: 19C0-187

MSCT-AA 19C0-187 SGT-P 19C0-187

Output DLIS Files

DEFAULT MSCT_066LTP FN:97 PRODUCER 16-Oct-2011 19:27

Company: SANDIA TECHNOLOGIES, LLC

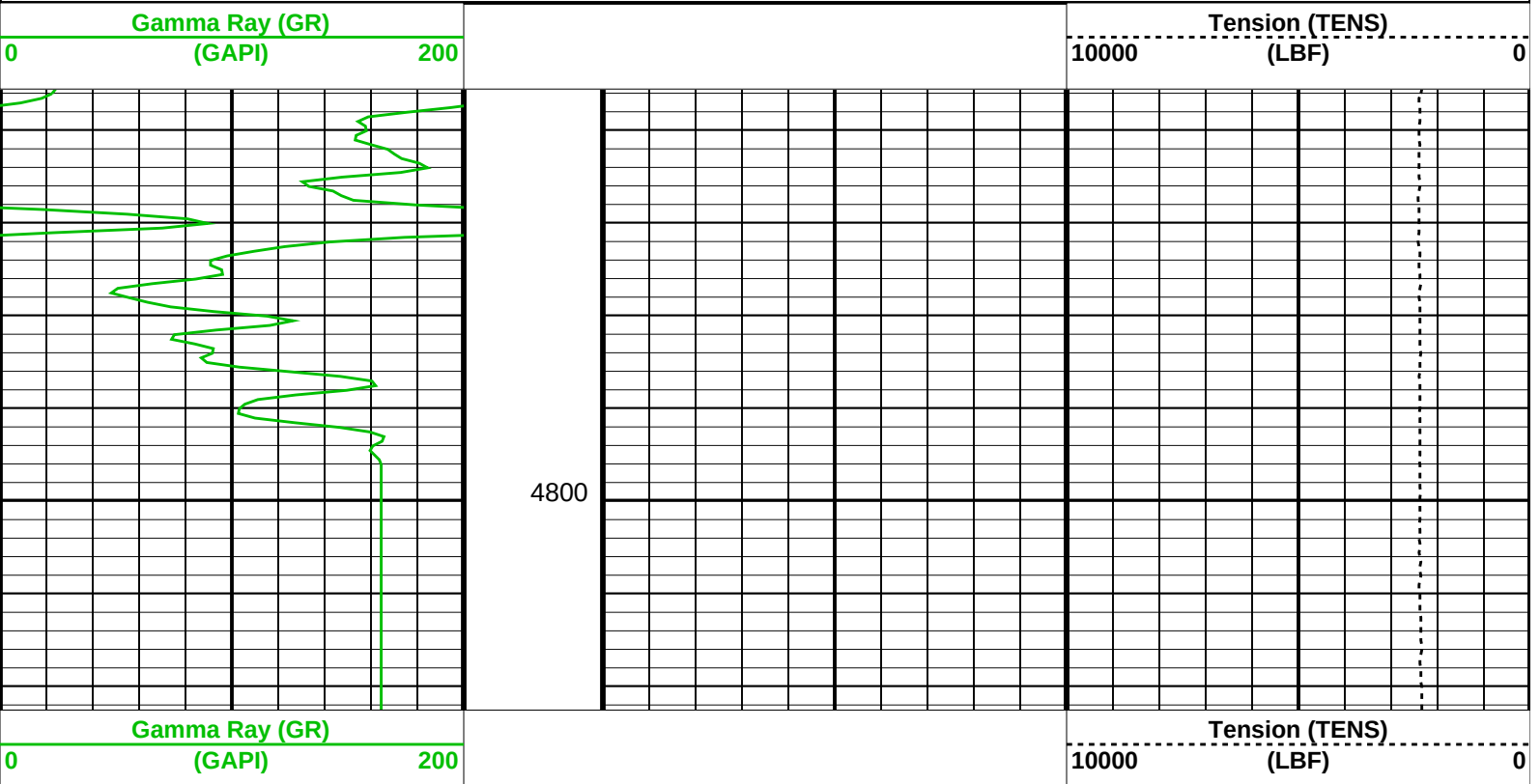
Well: NYSTA TANDEM LOT 1

Output DLIS Files

DEFAULT MSCT_065LUP FN:96 PRODUCER 16-Oct-2011 19:24 4822.5 FT 4755.5 FT

OP System Version: 19C0-187

MSCT-AA 19C0-187 SGT-P 19C0-187



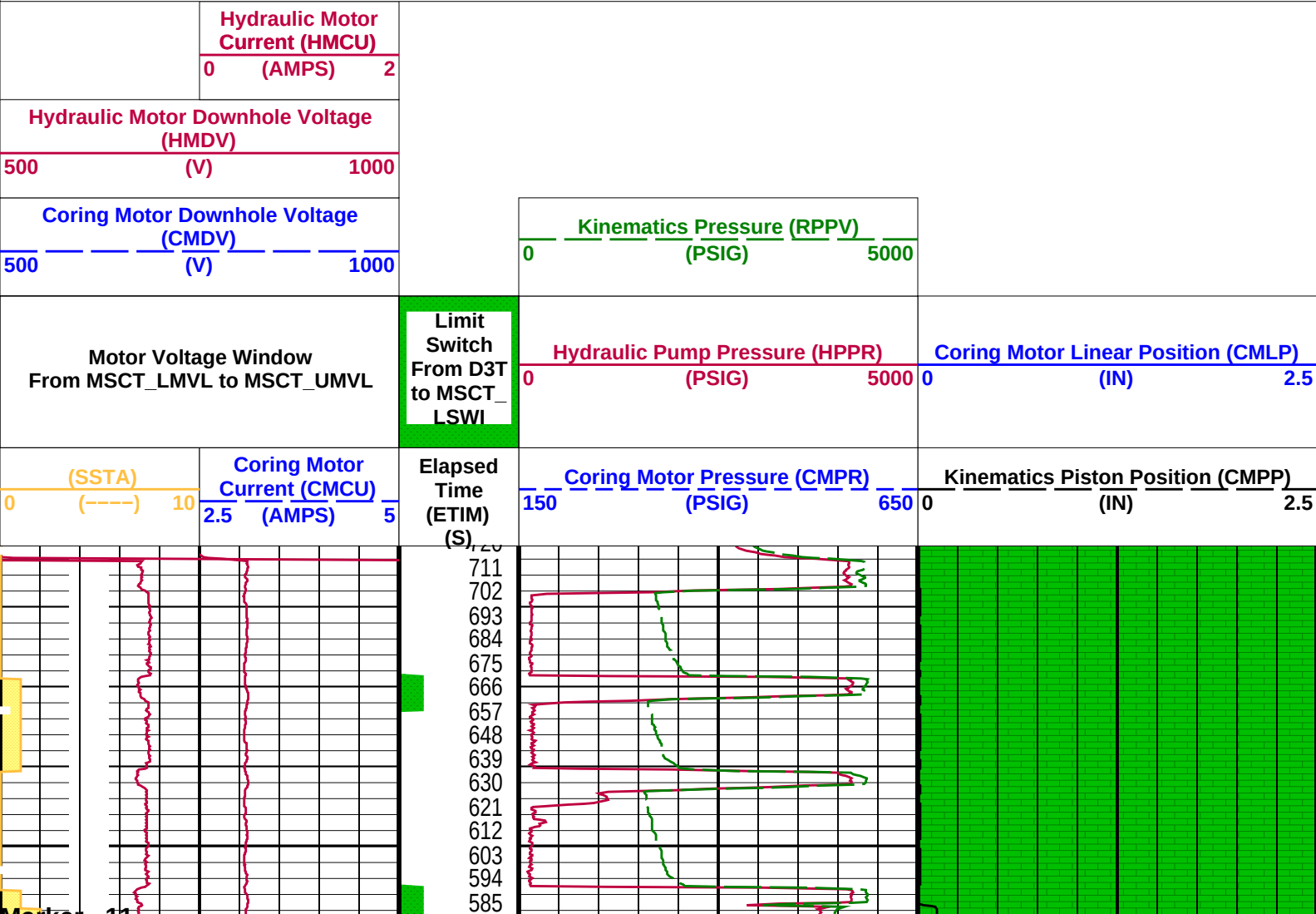
Format: CORRELATION Vertical Scale: 5" per 100' Graphics File Created: 16-Oct-2011 19:24

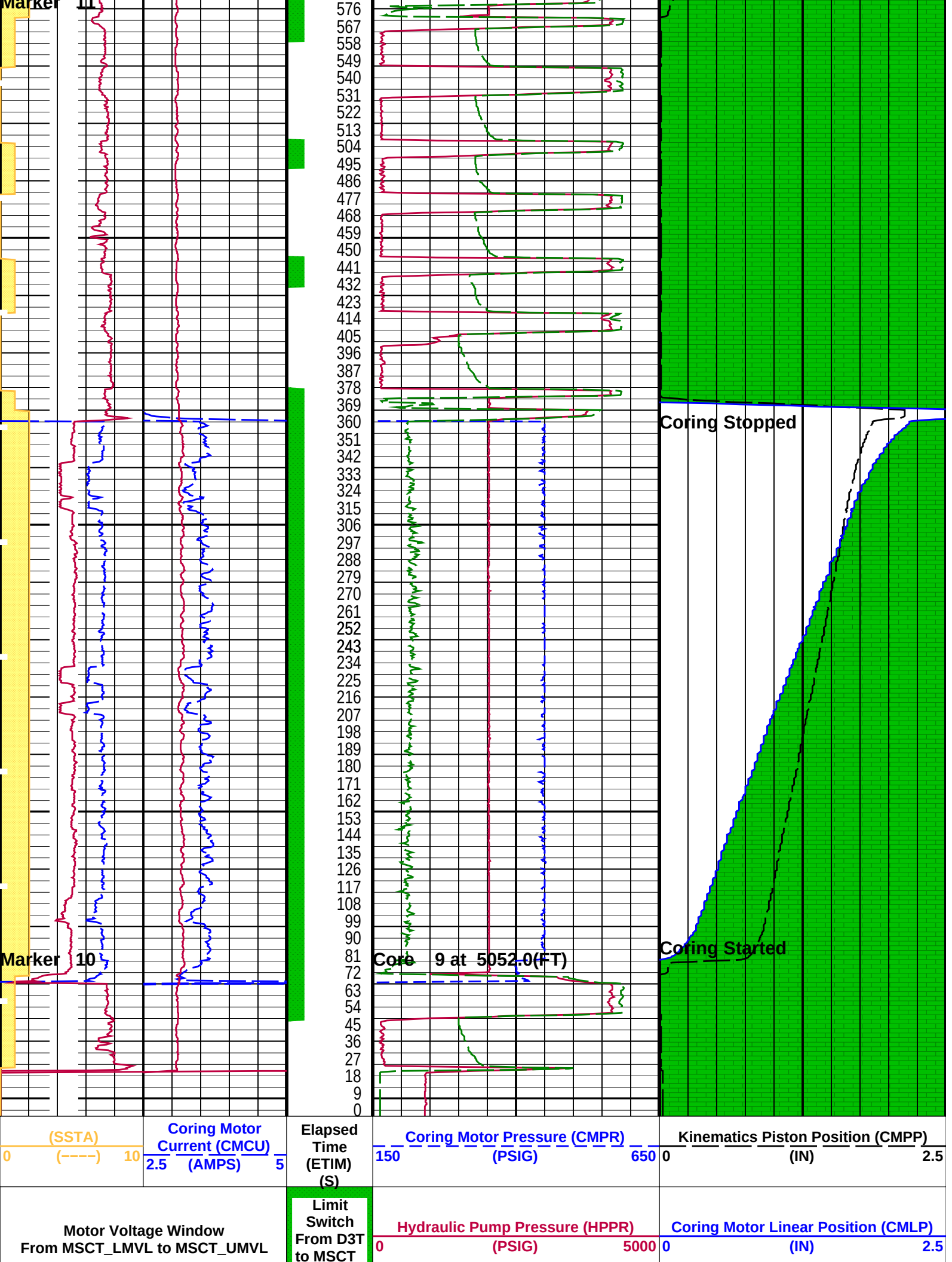
OP System Version: 19C0-187

Elapsed Time (s)	Event Summary
578.8	Marker 11
578.8	
359.2	Coring Stopped
84.0	Coring Started
78.4	Marker 10
78.4	Core 9 at 5052.0(FT)

PIP SUMMARY

Time Mark Every 60 S



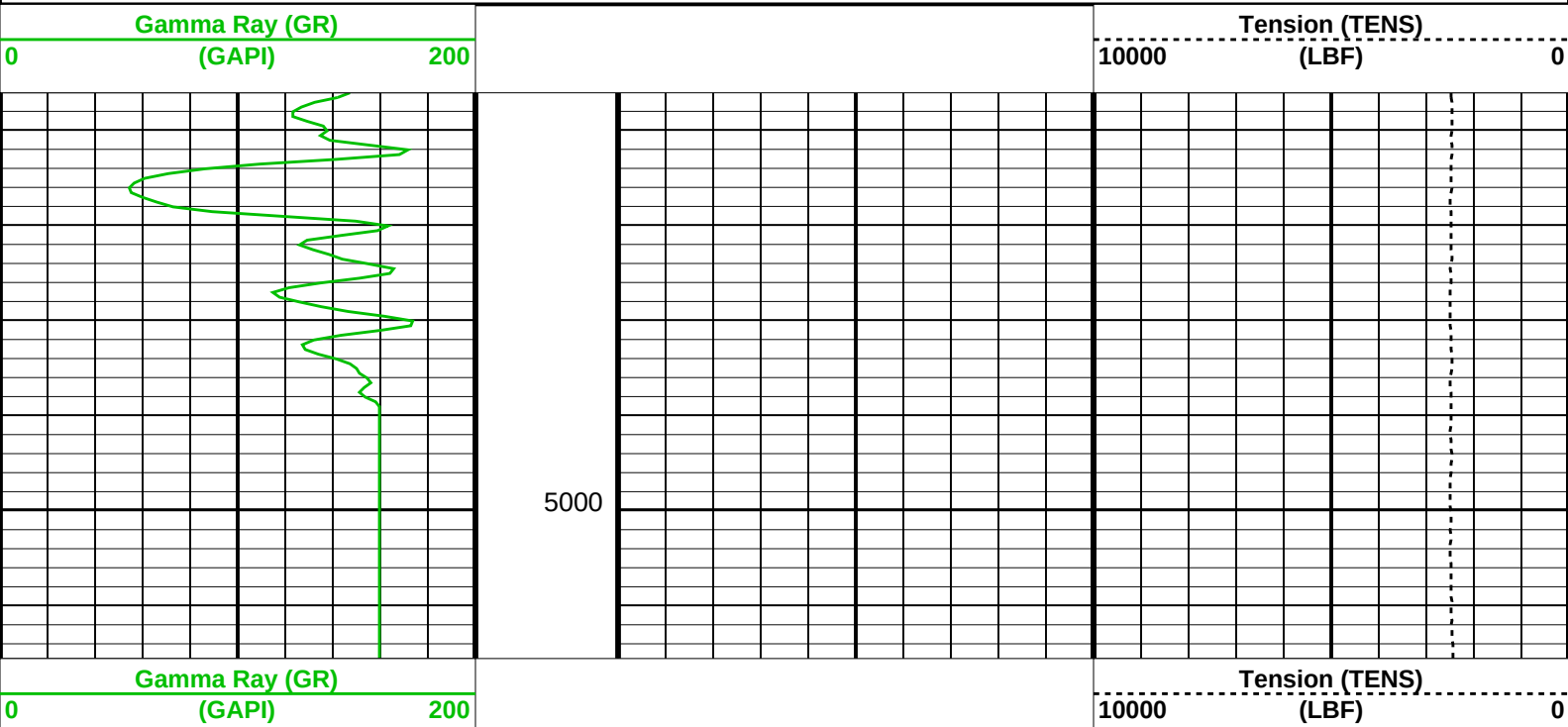


		LSWI		
Coring Motor Downhole Voltage (CMDV)			Kinematics Pressure (RPPV)	
500 (V) 1000			0 (PSIG) 5000	
Hydraulic Motor Downhole Voltage (HMDV)				
500 (V) 1000				
	Hydraulic Motor Current (HMCU)			
	0 (AMPS) 2			

PIP SUMMARY				
 Time Mark Every 60 S				

Parameters				
DLIS Name		Description		Value
SOFF	MSCT-AA: Mechanical Sidewall Coring Tool Standoff			0 IN
Format: MSCT_PROPRIETARY_ALL_Station_1 Vertical Scale: 1" per 60S Graphics File Created: 16-Oct-2011 19:08				
OP System Version: 19C0-187				
MSCT-AA	19C0-187		SGT-P	19C0-187
Output DLIS Files				
DEFAULT	MSCT_063LTP		FN:94 PRODUCER	16-Oct-2011 19:08

Company: SANDIA TECHNOLOGIES, LLC				Well: NYSTA TANDEM LOT 1	
Output DLIS Files					
DEFAULT	MSCT_062LUP	FN:93	PRODUCER	16-Oct-2011 19:05	
OP System Version: 19C0-187					
MSCT-AA	19C0-187		SGT-P	19C0-187	



OP System Version: 19C0-187

MSCT-AA	19C0-187	SGT-P	19C0-187
Output DLIS Files			
DEFAULT	MSCT_062LUP	FN:93	PRODUCER 16-Oct-2011 19:05

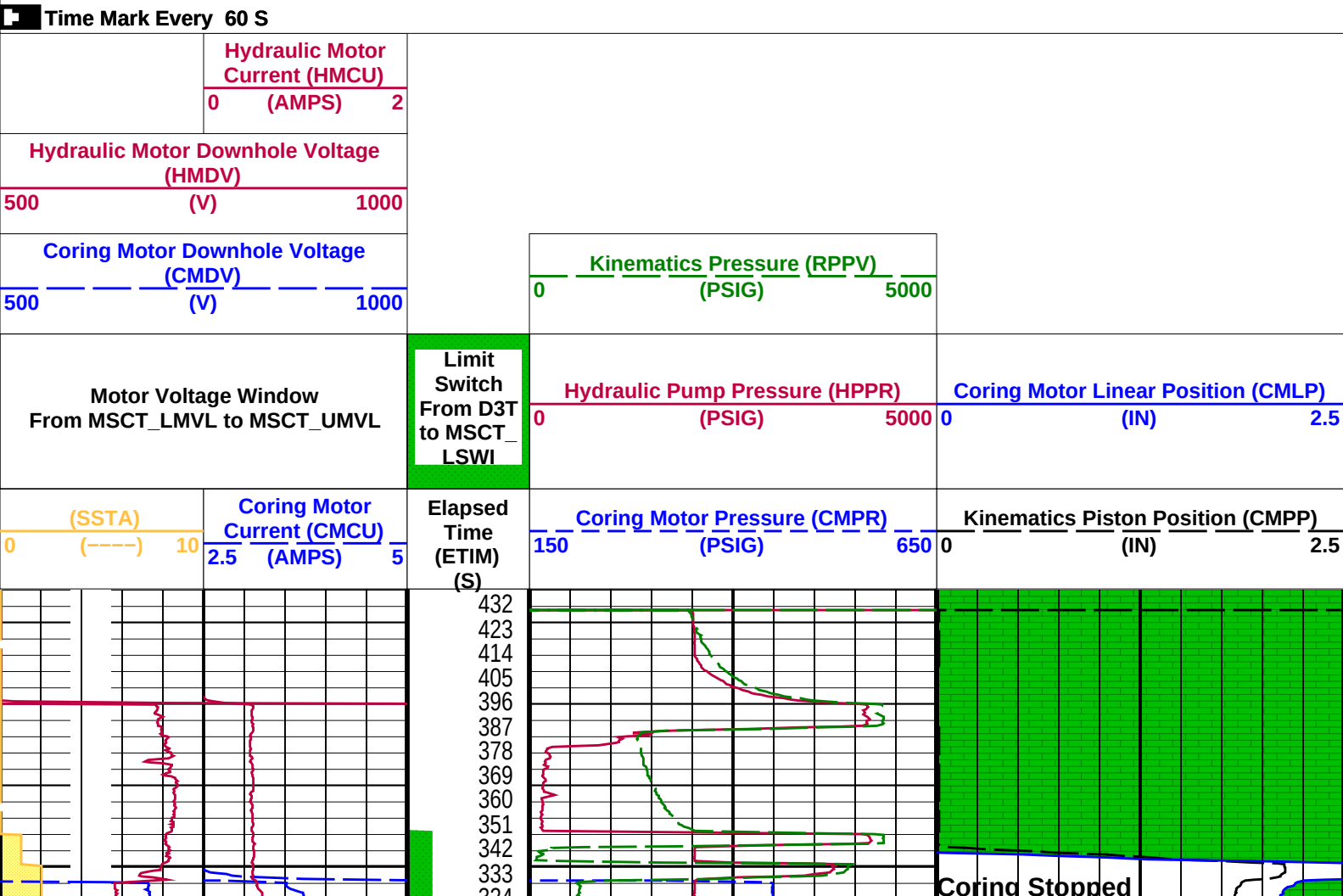
Company: SANDIA TECHNOLOGIES, LLC	Well: NYSTA TANDEM LOT 1
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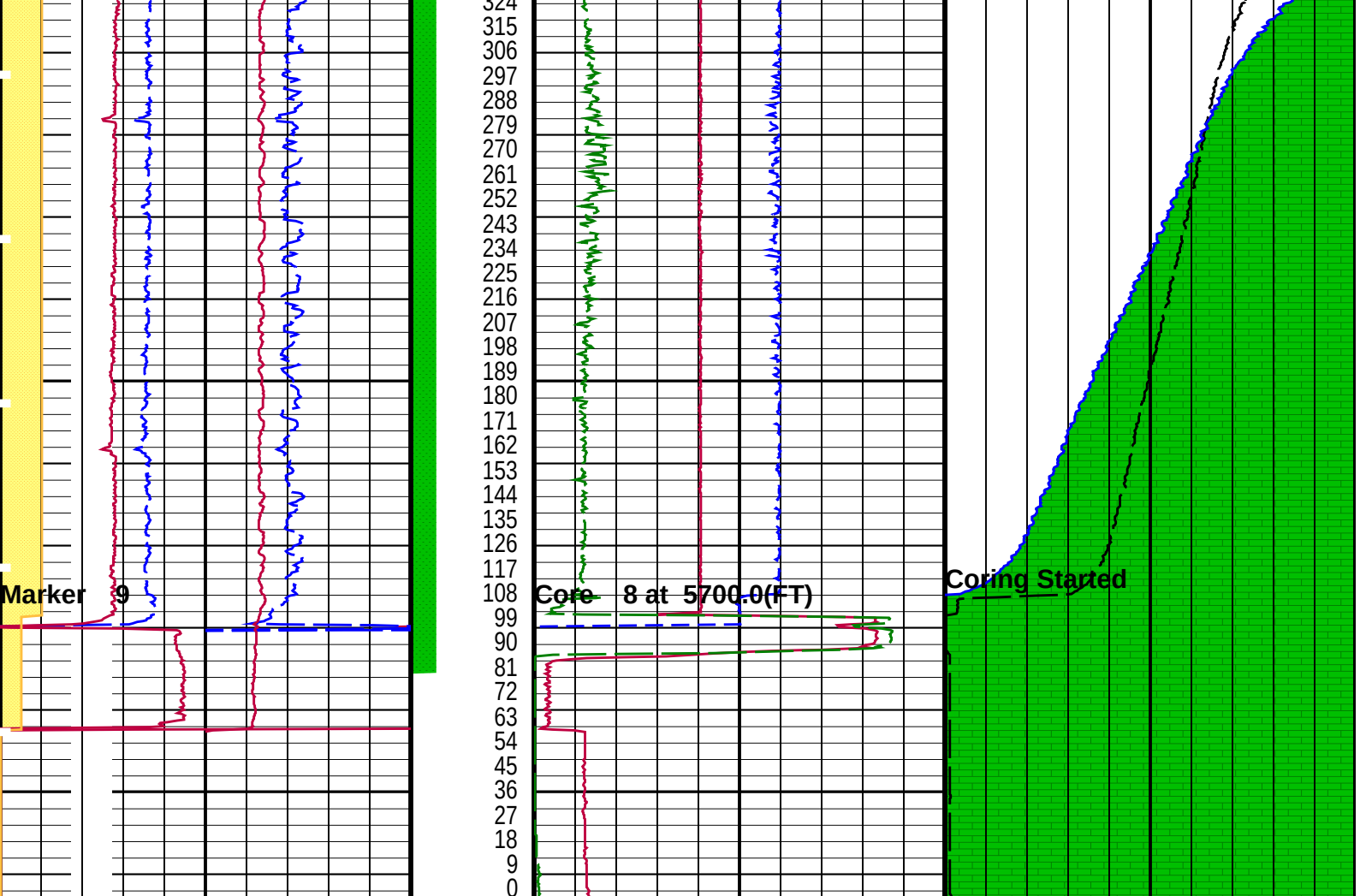
Output DLIS Files

DEFAULT	MSCT_060LTP	FN:91	PRODUCER	16-Oct-2011 18:47	5649.4 FT
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Elapsed Time (s)	Event Summary
327.6	Coring Stopped
112.8	Coring Started
107.2	Marker 9
107.2	Core 8 at 5700.0(FT)

PIP SUMMARY





(SSTA) (-----) 10		Coring Motor Current (CMCU) (AMPS) 2.5 5	Elapsed Time (ETIM) (S) Limit Switch From D3T to MSCT_LSWI	Coring Motor Pressure (CMPR) (PSIG) 150 650		Kinematics Piston Position (CMPP) (IN) 0 2.5	
Motor Voltage Window From MSCT_LMVL to MSCT_UMVL				Hydraulic Pump Pressure (HPPR) (PSIG) 0 5000		Coring Motor Linear Position (CMLP) (IN) 0 2.5	
Coring Motor Downhole Voltage (CMDV) (V) 500 1000				Kinematics Pressure (RPPV) (PSIG) 0 5000			
Hydraulic Motor Downhole Voltage (HMDV) (V) 500 1000							
	Hydraulic Motor Current (HMCU) (AMPS) 0 2						

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
MSCT-AA: Mechanical Sidewall Coring Tool		
SOFF	Standoff	0 IN

Format: MSCT_PROPRIETARY_ALL_Station_1 Vertical Scale: 1" per 60S Graphics File Created: 16-Oct-2011 18:47

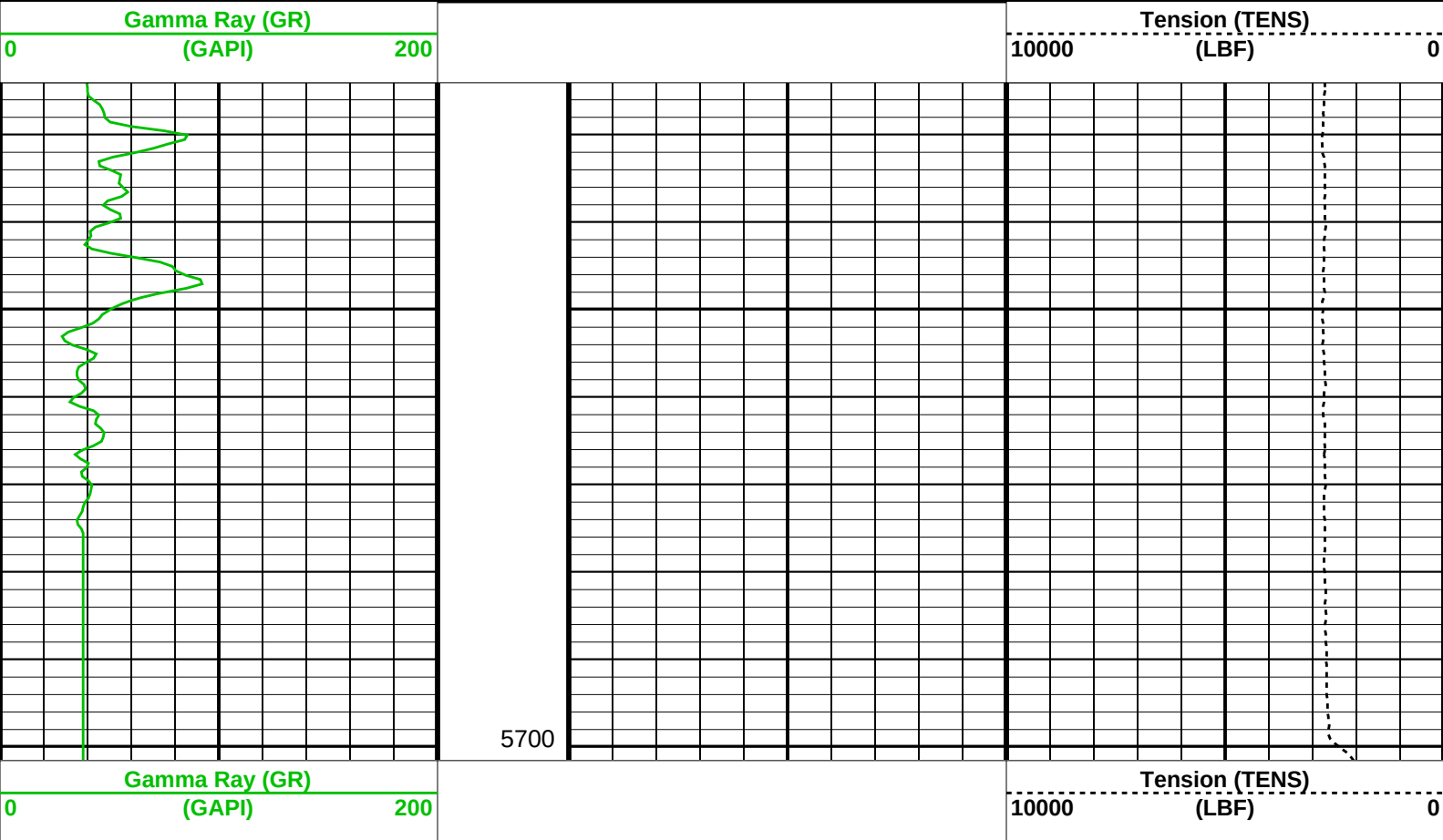
OP System Version: 19C0-187

Output DLIS Files			
DEFAULT	MSCT_060LTP	FN:91	PRODUCER 16-Oct-2011 18:47

Company: SANDIA TECHNOLOGIES, LLC	Well: NYSTA TANDEM LOT 1
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Output DLIS Files			
DEFAULT	MSCT_059LUP	FN:90	PRODUCER 16-Oct-2011 18:43

OP System Version: 19C0-187			
MSCT-AA	19C0-187	SGT-P	19C0-187



Format: CORRELATION	Vertical Scale: 5" per 100'	Graphics File Created: 16-Oct-2011 18:43
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OP System Version: 19C0-187			
MSCT-AA	19C0-187	SGT-P	19C0-187

Output DLIS Files			
DEFAULT	MSCT_059LUP	FN:90	PRODUCER 16-Oct-2011 18:43

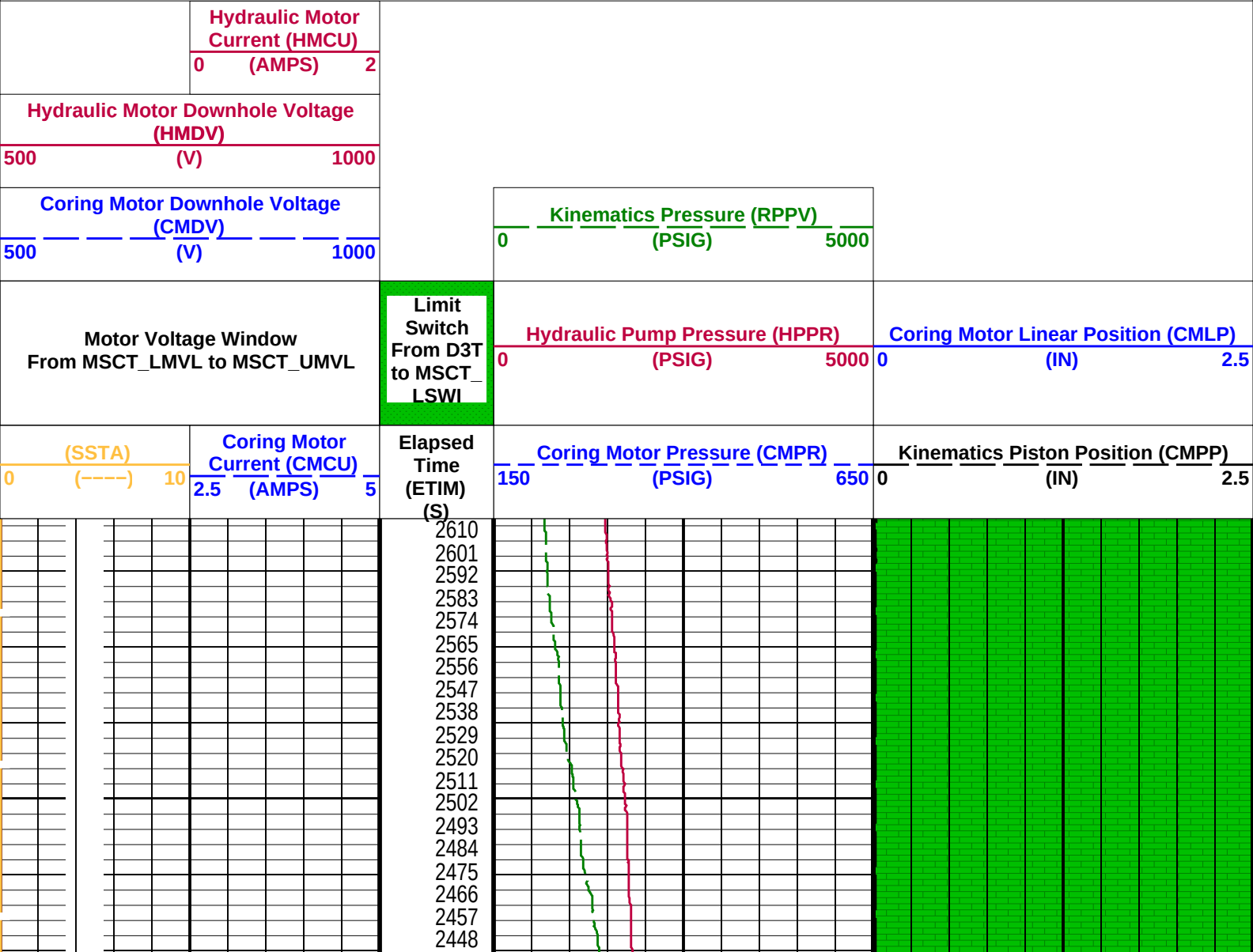
Company: SANDIA TECHNOLOGIES, LLC	Well: NYSTA TANDEM LOT 1
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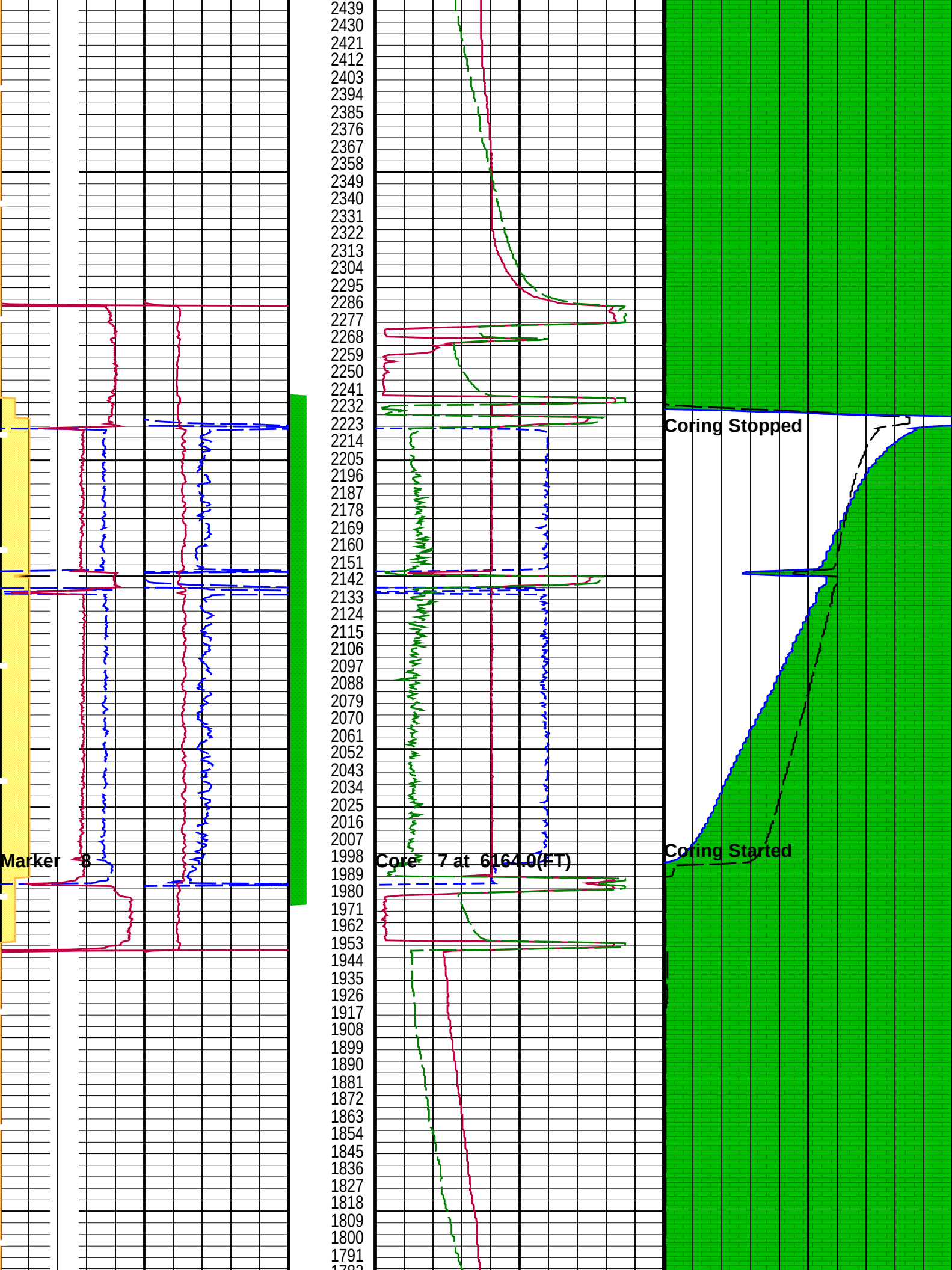
Output DLIS Files			
DEFAULT	MSCT_056LTP	FN:87	PRODUCER 16-Oct-2011 17:50 6669.7 FT

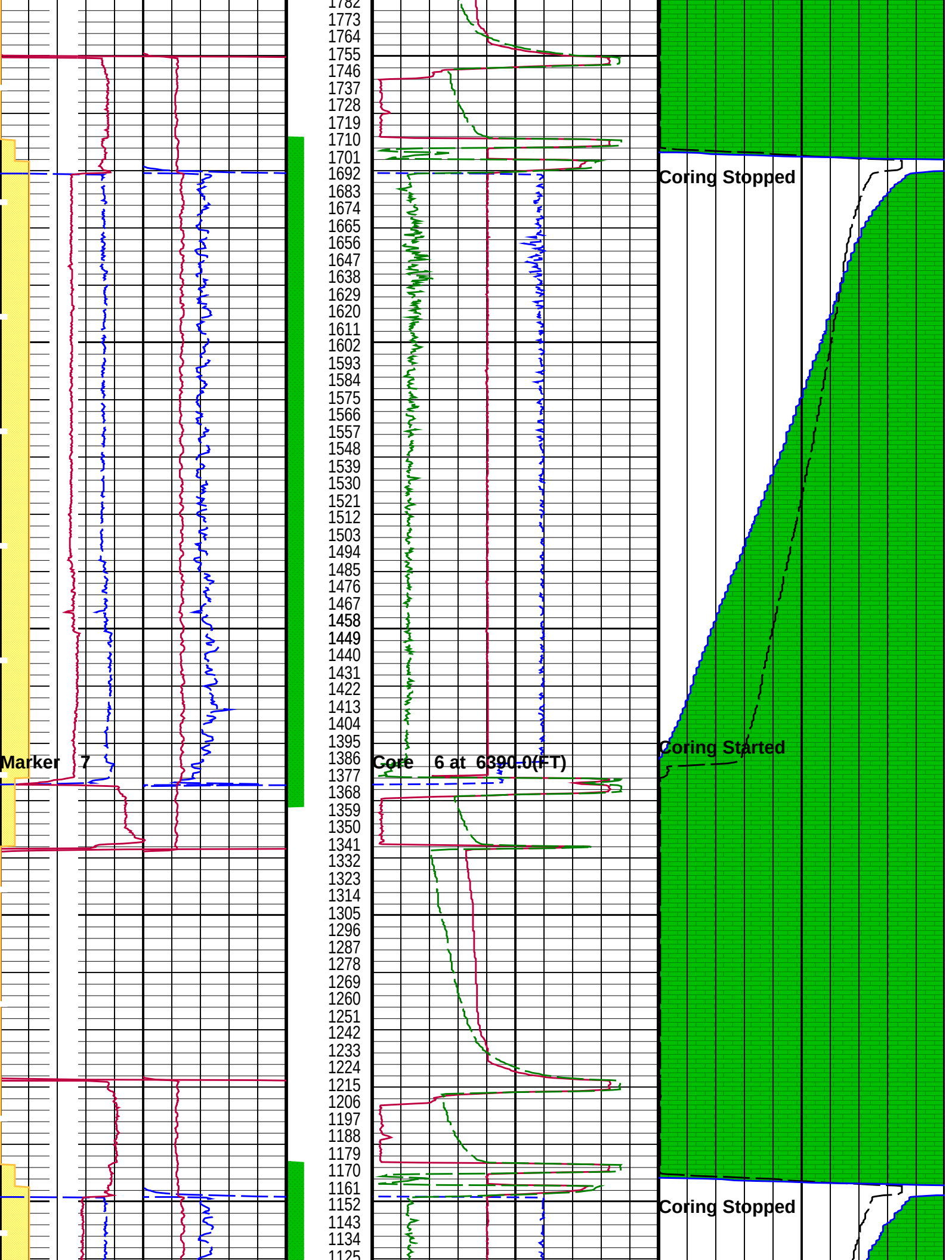
Elapsed Time (s)	Event Summary
2221.2	Coring Stopped
2000.4	Coring Started
1995.2	Marker 8
1995.2	Core 7 at 6164.0(FT)
1690.0	Coring Stopped
1390.8	Coring Started
1383.2	Marker 7
1383.2	Core 6 at 6390.0(FT)
1150.4	Coring Stopped
782.4	Coring Started
774.8	Marker 6
774.8	Core 5 at 6550.0(FT)
541.6	Coring Stopped
64.0	Coring Started
57.6	Marker 5
57.6	Core 4 at 6669.0(FT)

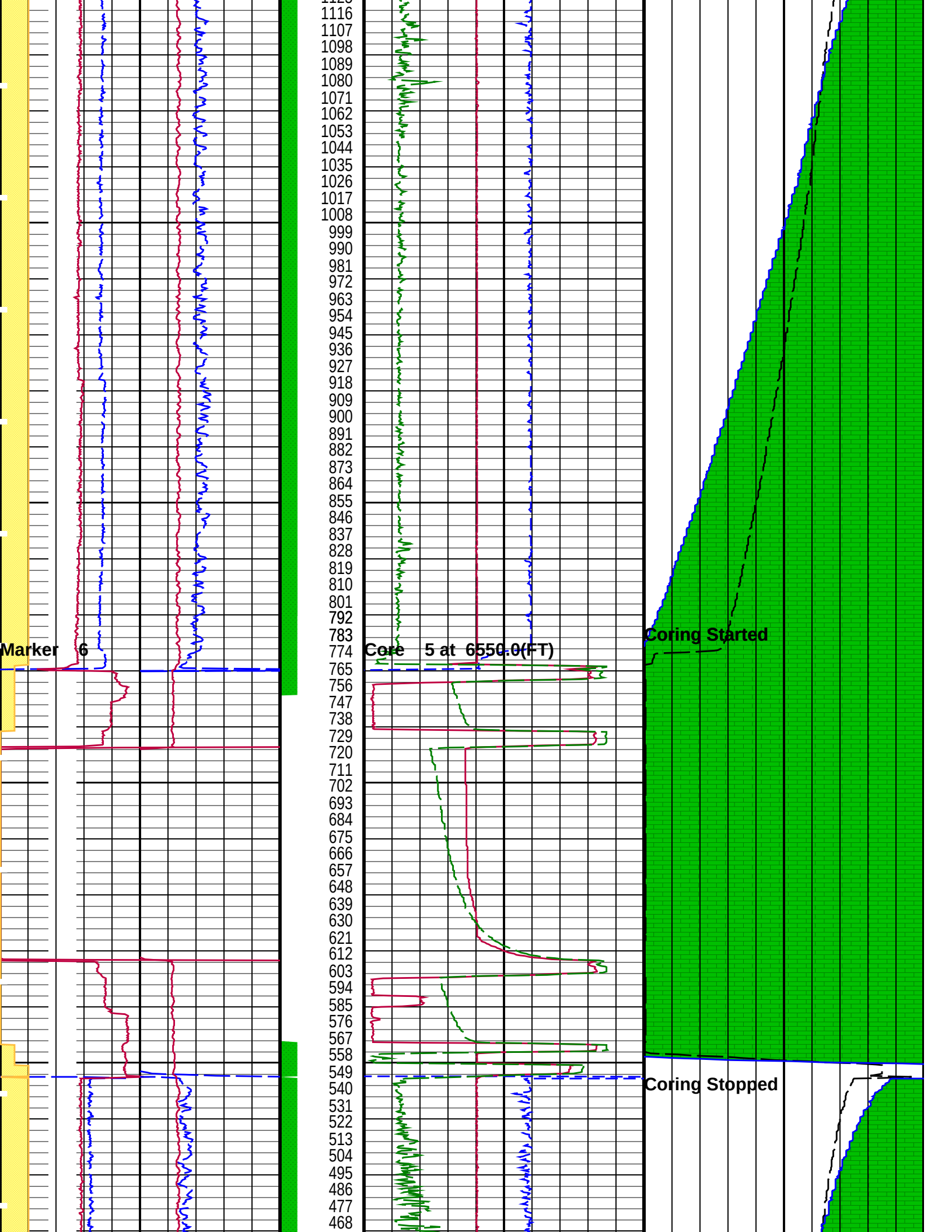
PIP SUMMARY

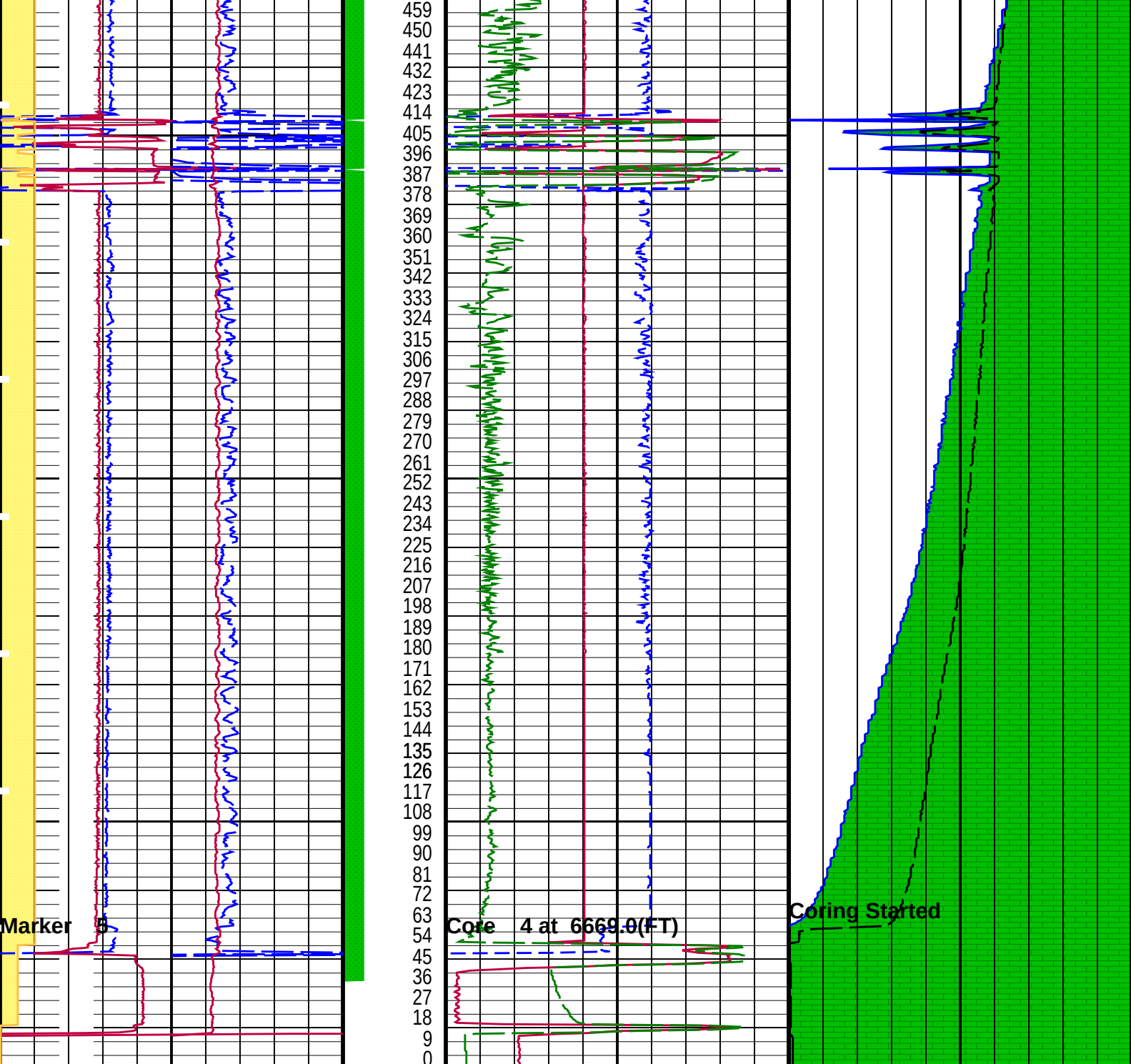
 Time Mark Every 60 S



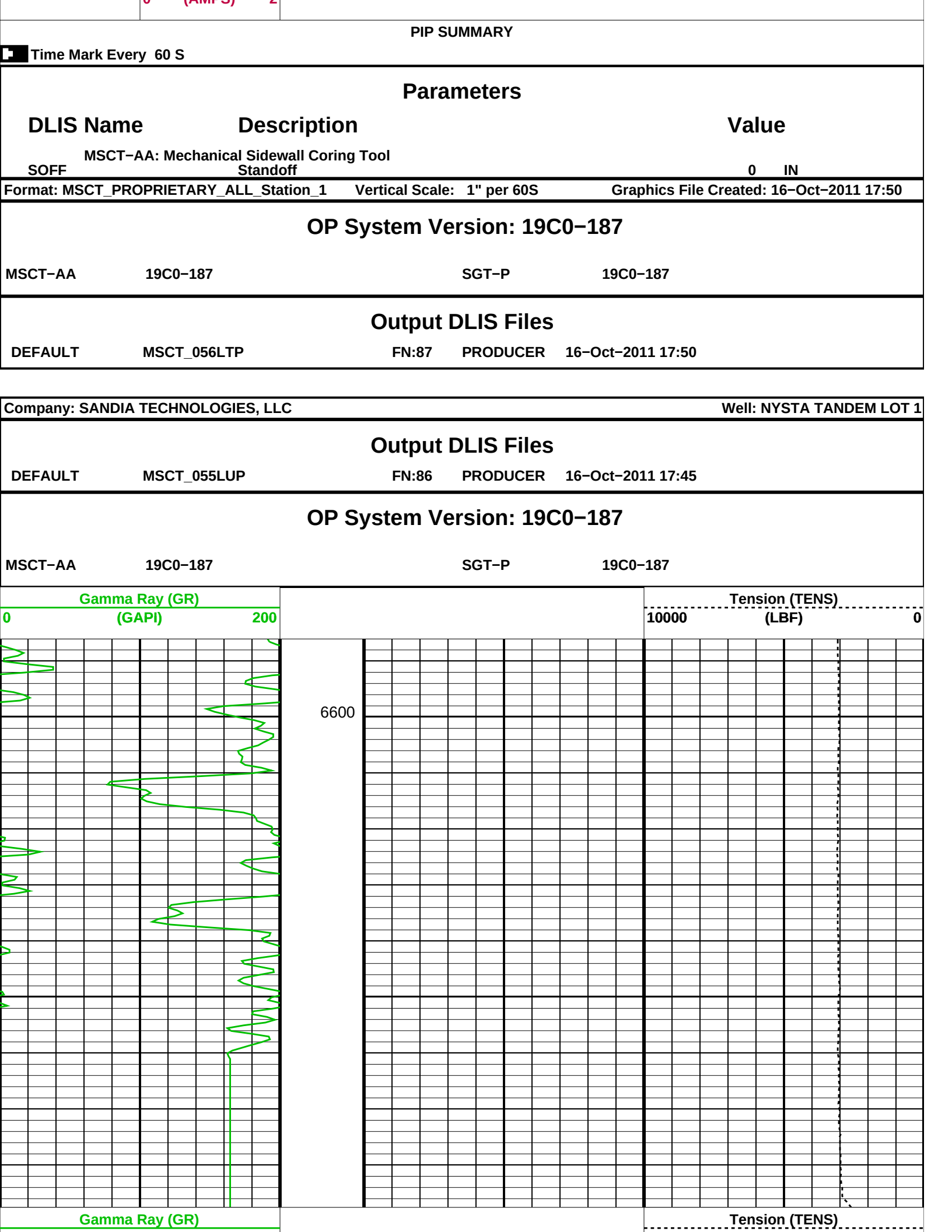






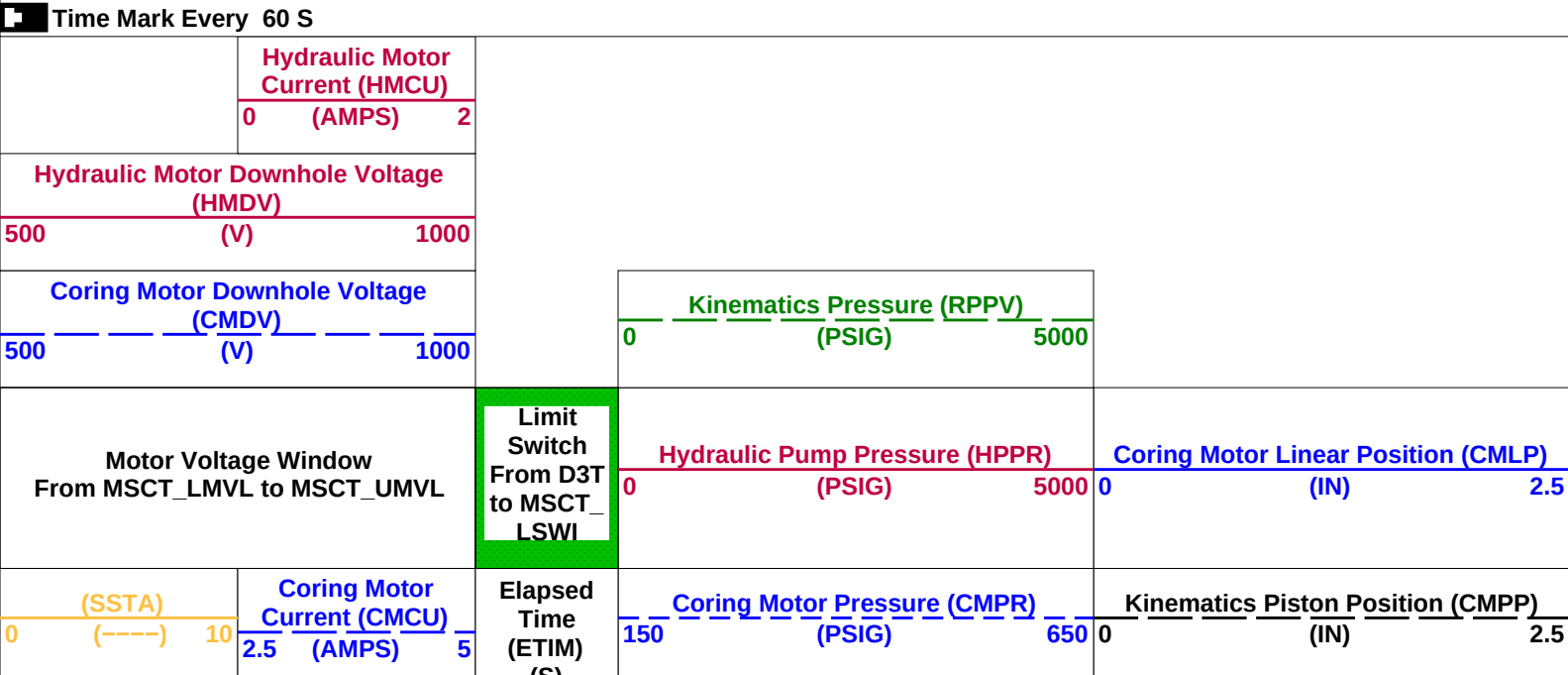


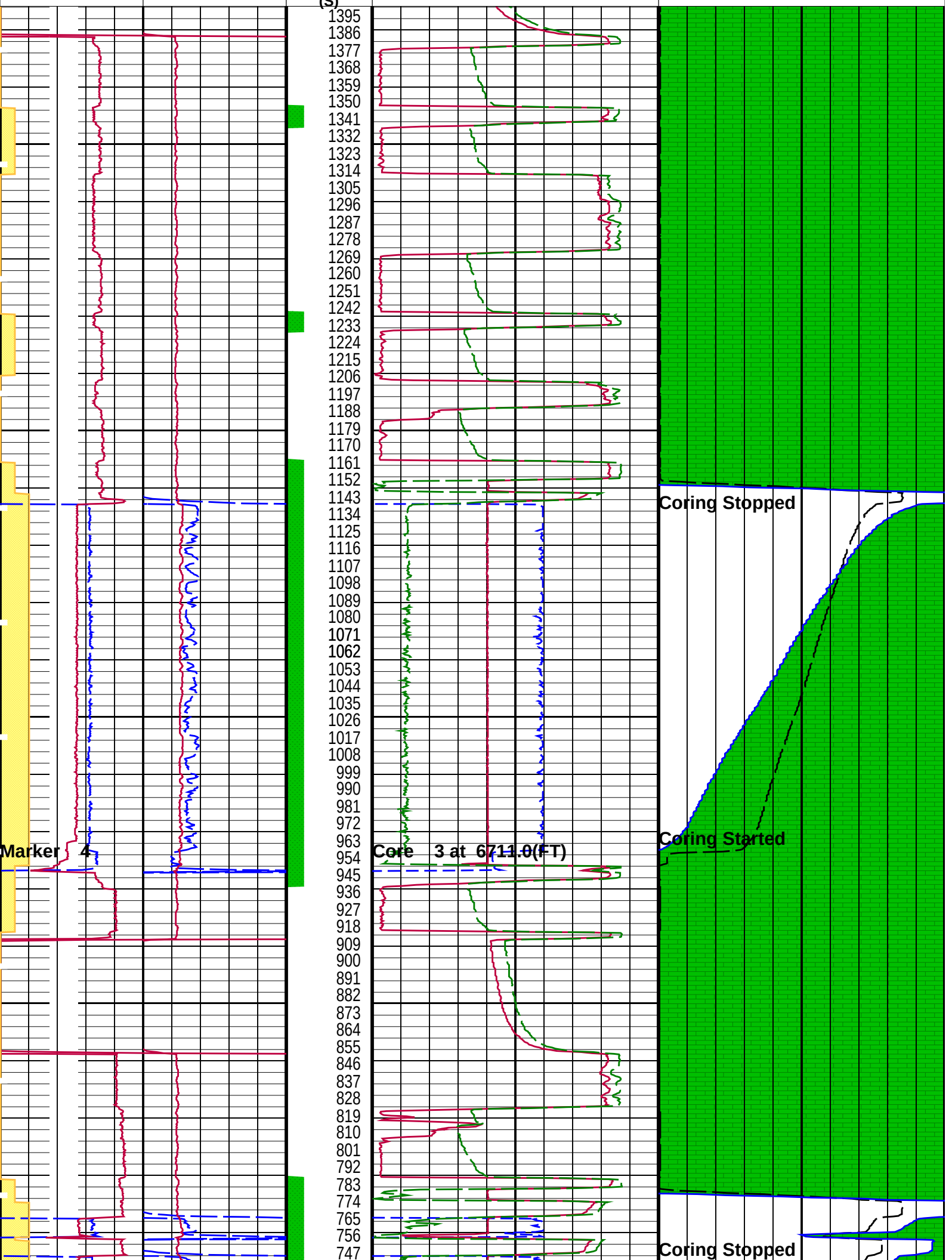
(SSTA) (-----) 10		Coring Motor Current (CMCU) (AMPS) 2.5 5	Elapsed Time (ETIM) (S)	Coring Motor Pressure (CMPR) (PSIG) 150 650	Kinematics Piston Position (CMPP) (IN) 0 2.5
Motor Voltage Window From MSCT_LMVL to MSCT_UMVL			Limit Switch From D3T to MSCT_ LSWI	Hydraulic Pump Pressure (HPPR) (PSIG) 0 5000	Coring Motor Linear Position (CMLP) (IN) 0 2.5
Coring Motor Downhole Voltage (CMDV) (V) 500 1000				Kinematics Pressure (RPPV) (PSIG) 0 5000	
Hydraulic Motor Downhole Voltage (HMDV) (V) 500 1000					
	Hydraulic Motor Current (HMCU) (AMPS) 0 2				

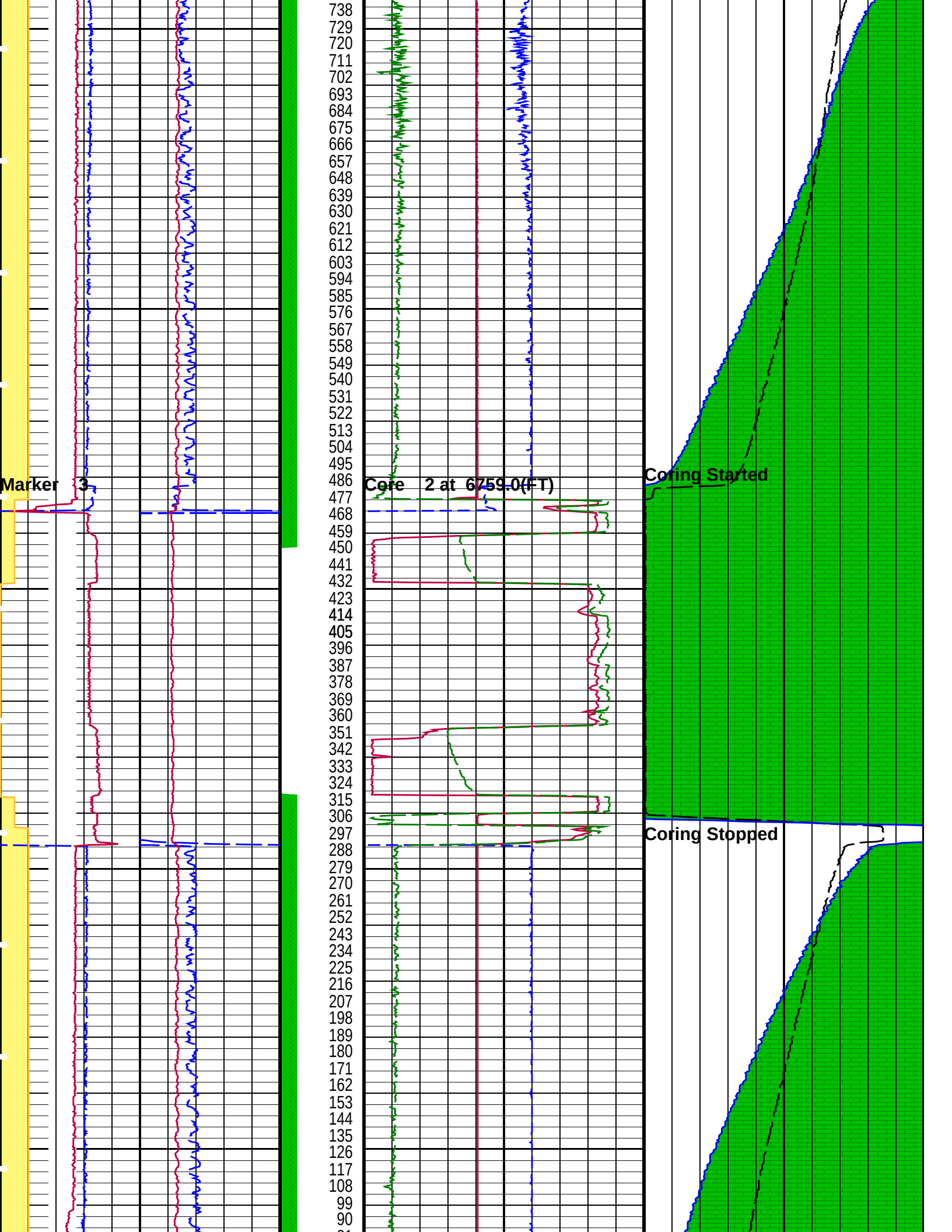


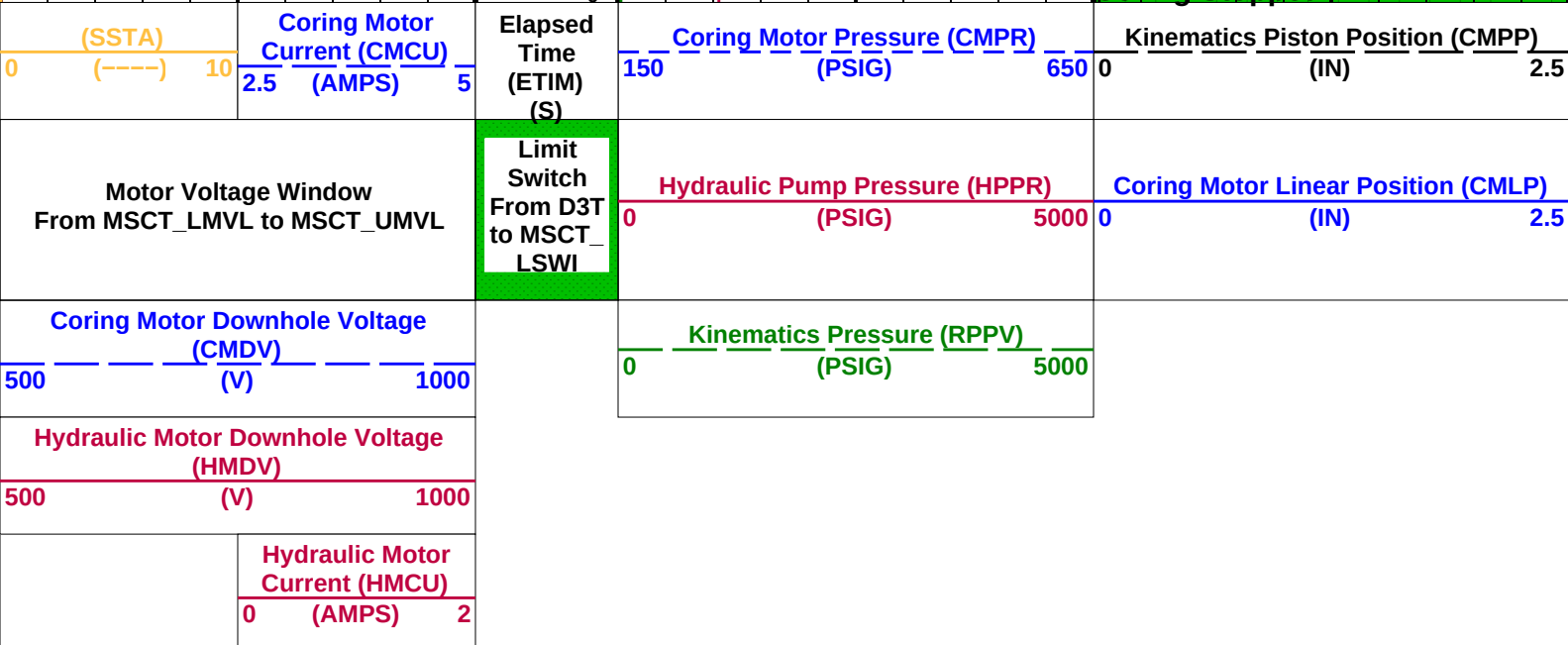
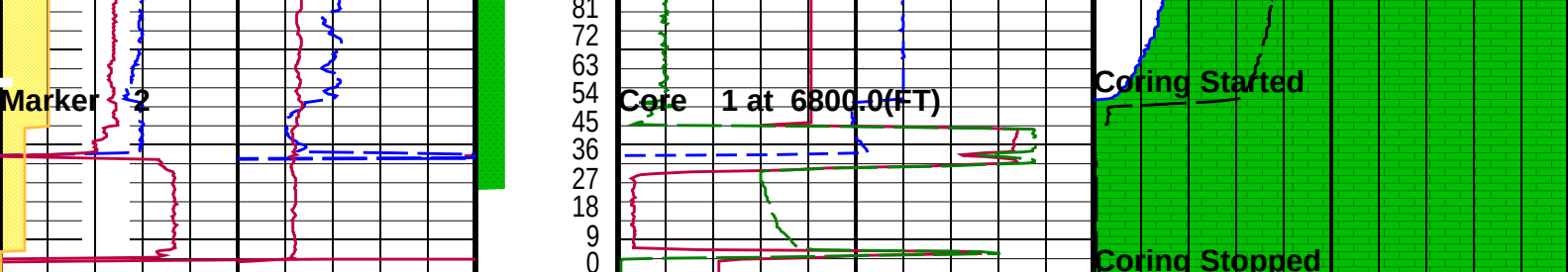
Elapsed Time (s)	Event Summary
1139.2	Coring Stopped
963.6	Coring Started
957.2	Marker 4
957.2	Core 3 at 6711.0(FT)
748.0	Coring Stopped
488.8	Coring Started
483.2	Marker 3
483.2	Core 2 at 6759.0(FT)
296.0	Coring Stopped
57.2	Coring Started
50.8	Marker 2
50.8	Core 1 at 6800.0(FT)
0.0	Coring Stopped

PIP SUMMARY









PIP SUMMARY

☐ Time Mark Every 60 S

Parameters		
DLIS Name	Description	Value
MSCT-AA: Mechanical Sidewall Coring Tool		
SOFF	Standoff	0 IN

Format: MSCT_PROPRIETARY_ALL_Station_1 Vertical Scale: 1" per 60S Graphics File Created: 16-Oct-2011 17:16

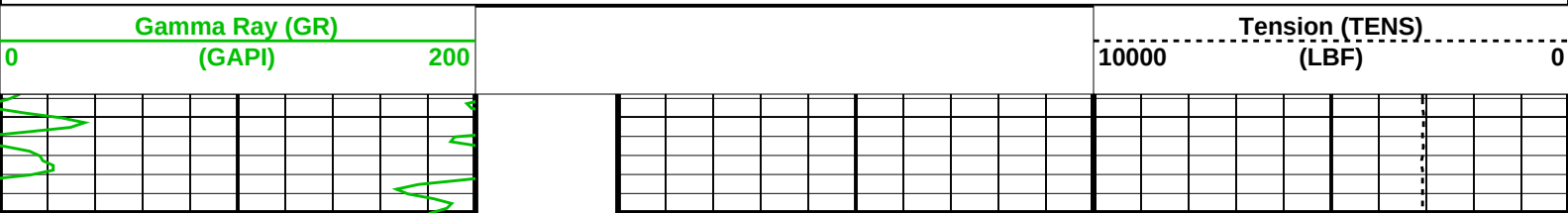
OP System Version: 19C0-187			
MSCT-AA	19C0-187	SGT-P	19C0-187

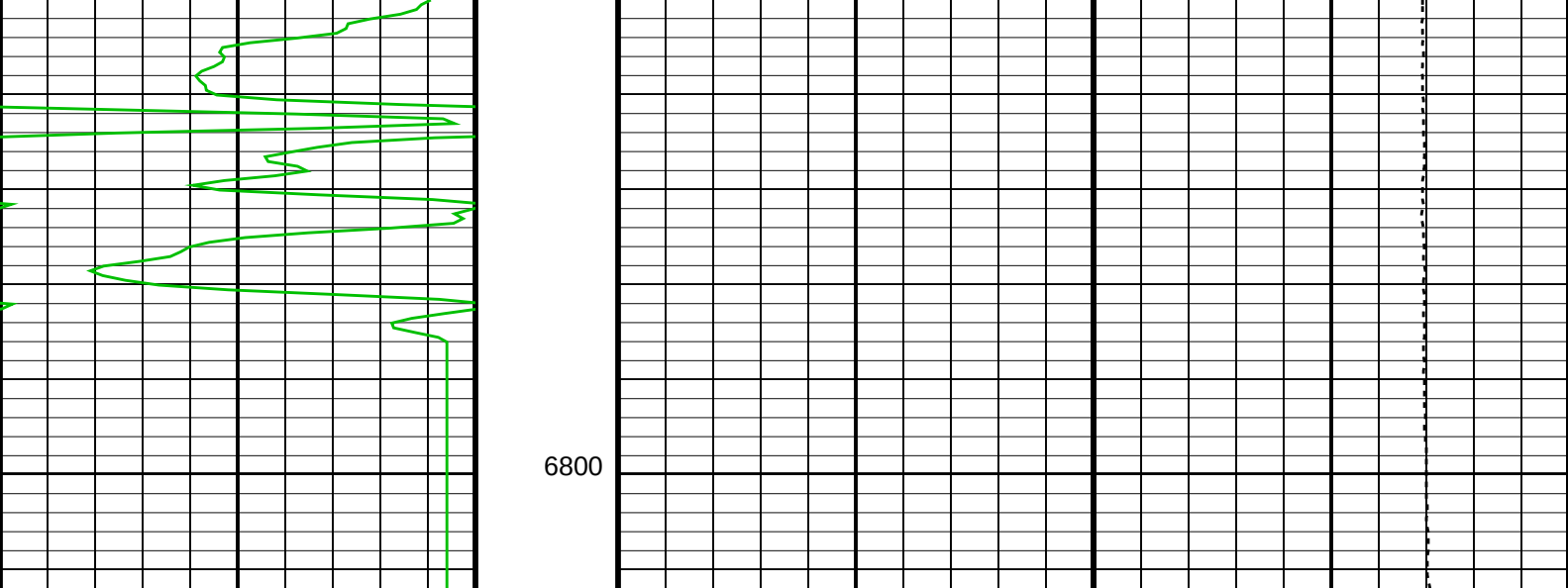
Output DLIS Files			
DEFAULT	MSCT_053LTP	FN:84 PRODUCER	16-Oct-2011 17:16

Company: SANDIA TECHNOLOGIES, LLC Well: NYSTA TANDEM LOT 1

Output DLIS Files			
DEFAULT	MSCT_052LUP	FN:83 PRODUCER	16-Oct-2011 17:12

OP System Version: 19C0-187			
MSCT-AA	19C0-187	SGT-P	19C0-187





Gamma Ray (GR) (GAPI)	0	200
Tension (TENS) (LBF)	10000	0

Format: CORRELATION Vertical Scale: 5" per 100' Graphics File Created: 16-Oct-2011 17:12

OP System Version: 19C0-187			
MSCT-AA	19C0-187	SGT-P	19C0-187

Output DLIS Files			
DEFAULT	MSCT_052LUP	FN:83	PRODUCER 16-Oct-2011 17:12

Company:	SANDIA TECHNOLOGIES, LLC	Schlumberger
Well:	NYSTA TANDEM LOT 1	
Field:	WILDCAT	
County:	ROCKLAND	
State:	NEW YORK	
MECHANICAL SIDEWALL CORING TOOL		