

Schlumberger

PERFORM - Drilling Mechanics

2 in / hr Time Log

Real Time Log

Company: ExxonMobil Oil Corporation

Well: PCU 297 11C9

Field: Piceance Creek

County: Rio Blanco

State: Colorado

Country: United States

APIN: 051031147100

Rig Name: H & P 326

Rig Type: Flex 4

Section: 11

Township: 2S

Range: 97W

FL: NAD 27 Colorado State Planes, Northern Zone, US Feet

FL1: Y: 1227411.00 ft Latitude: 39° 53' 45.56" N

FL2: X: 216952.00 ft Longitude: 108° 15' 14.06" W

Log Measured From - Drill Floor: 6993.2 ft

Ground Level: 6963.0 ft

Permanent Datum - Mean Sea Level

Other Services:

Directional Drilling

Acquisition Dates: 28 Feb 10 to 08 Mar 10

Print Interval: 2/28/2010 6:08:06 AM to 3/8/2010 2:38:58 PM

Index Types: Time

Index Scales: 2" / 3600 secs

Depth Source: Driller's Depth

Depth Sensor: 3rd Party Depth

Conveyance: Drill Pipe

Print Type: Final

Spud Date: 02/28/2010



Disclaimer

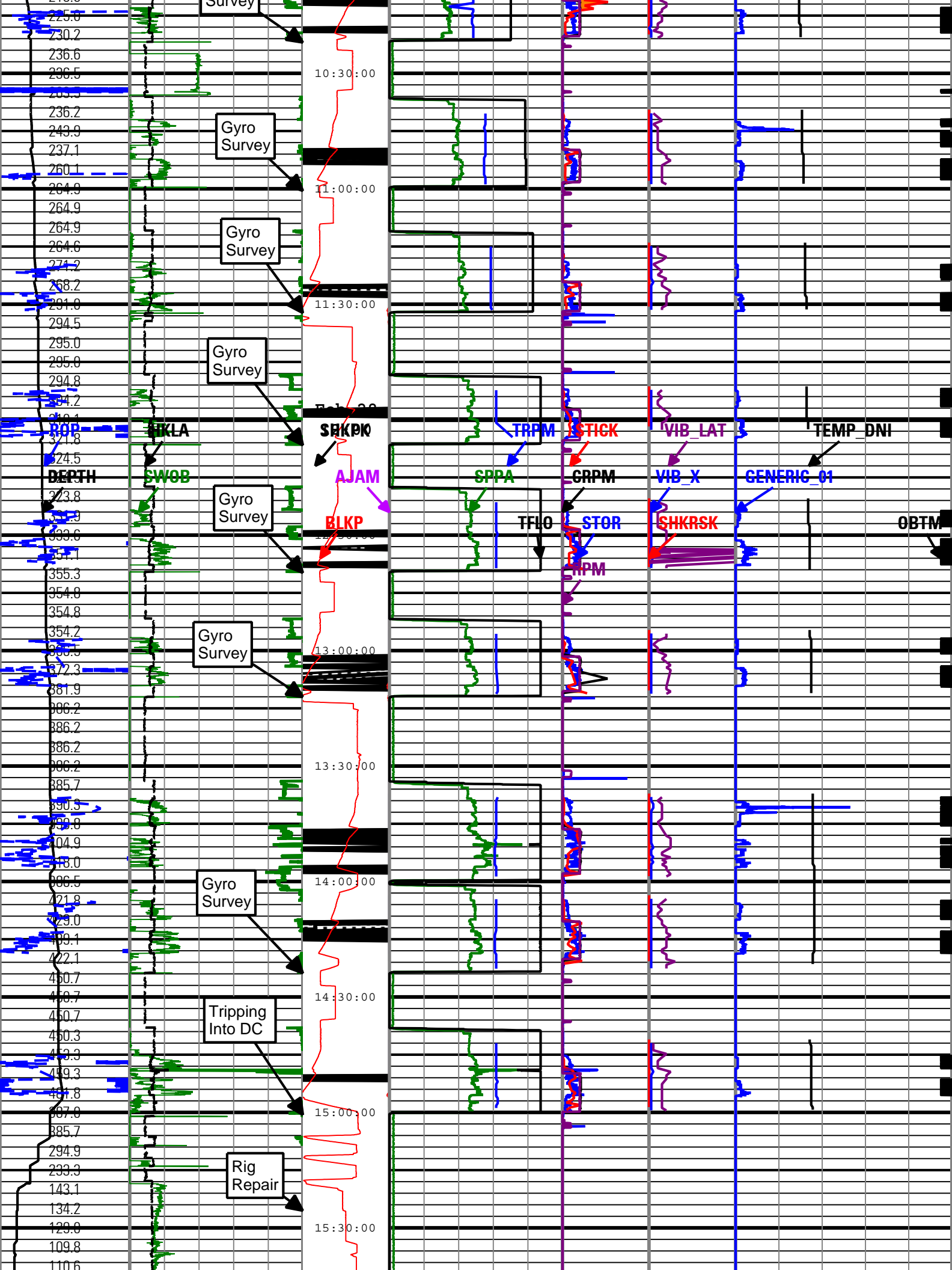
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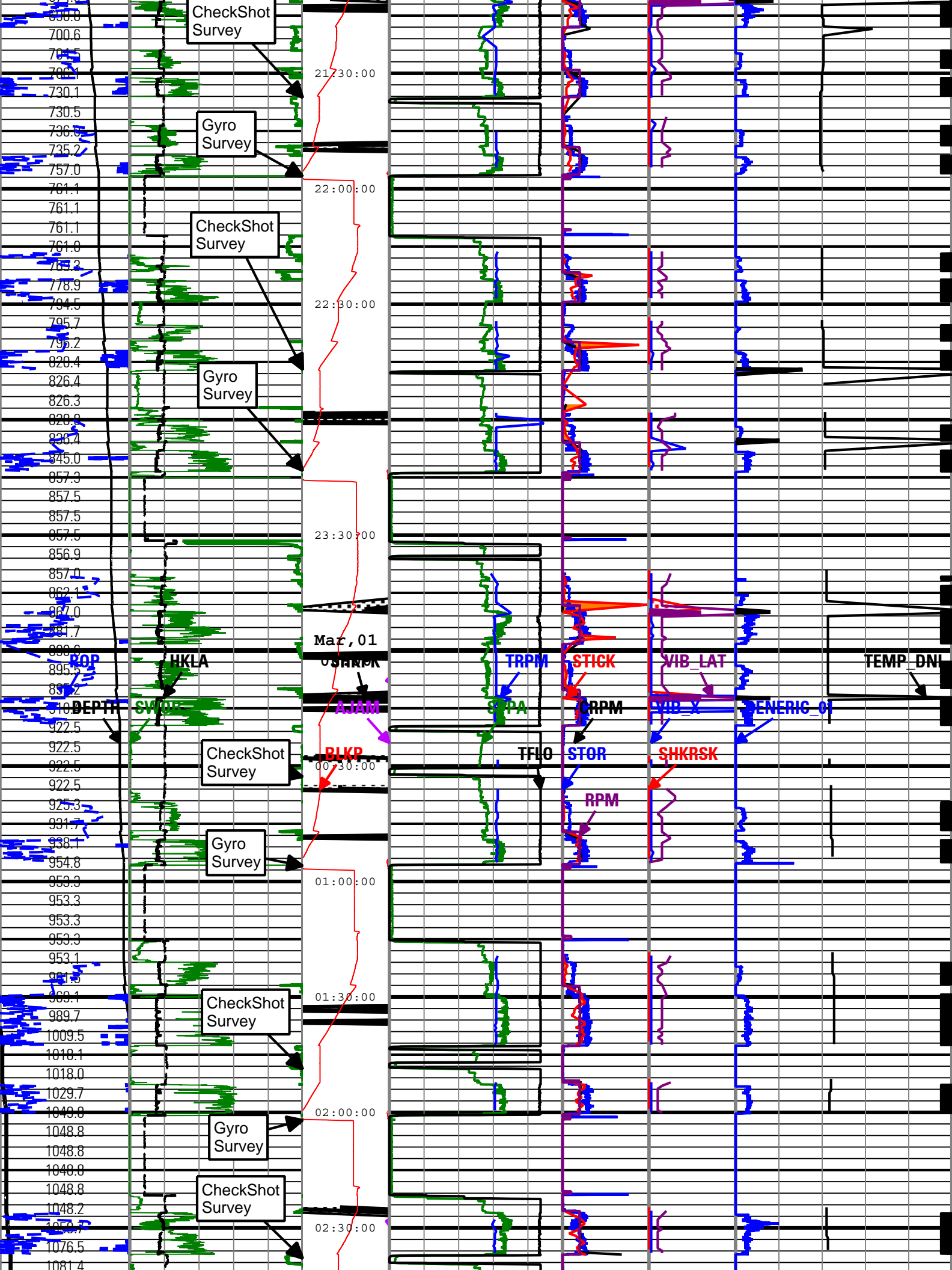
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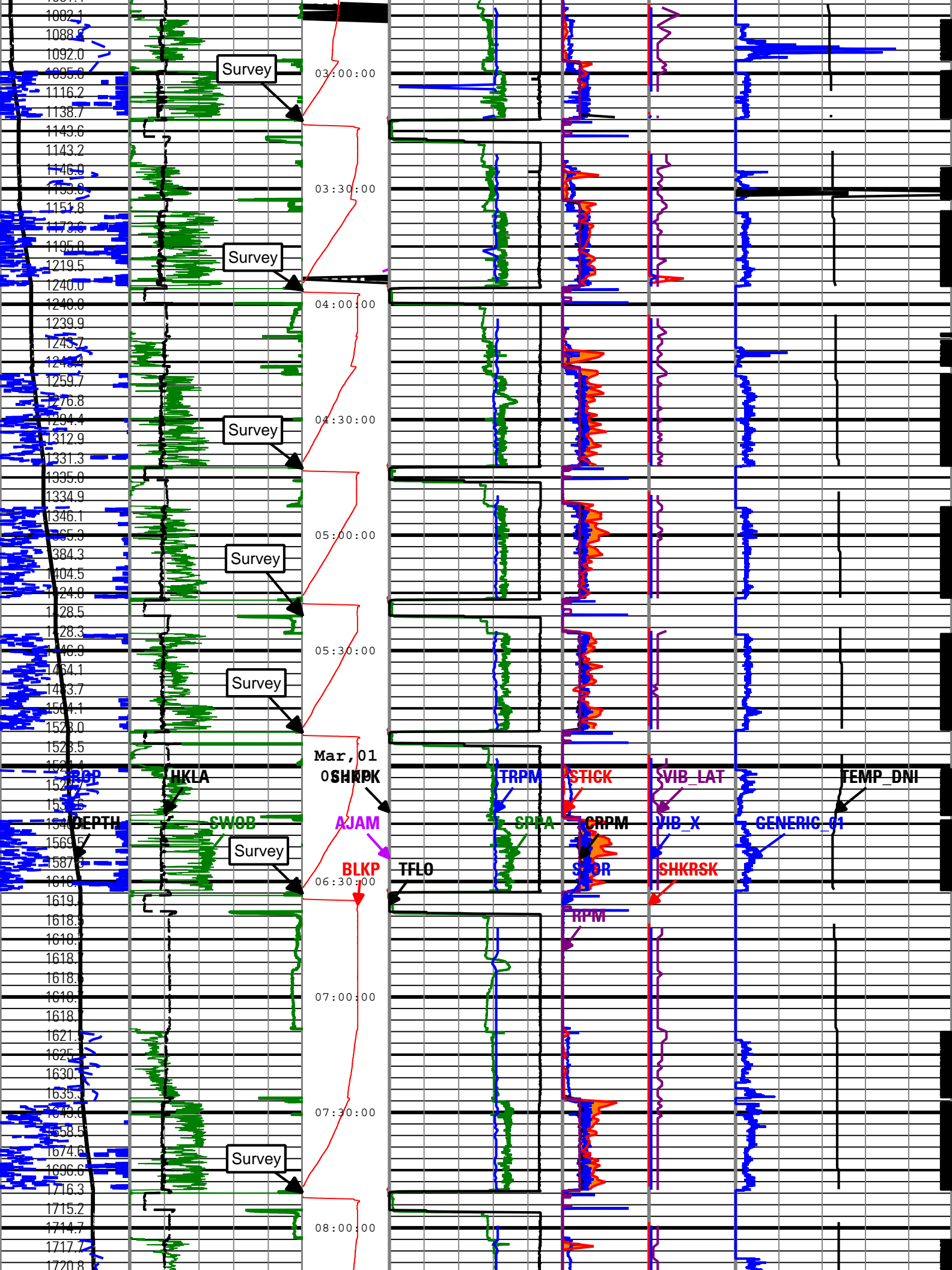
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Software Version						
Acquisition System		Version				
MaxWell		1.2.8706.0				
Framework Patch		FWK-BGC-20100105-1.2.8706.1067				
Application Patch		APL-SRPC-DnM-1.2.8706.1045				
Tool Elements	Description	Software Version	Firmware Version			
DRILLING_SURFACE	DRILLING_SURFACE	1.2.8706.0				
Pass Summary						
Run Name	Pass Objective	Direction	Start	Stop	Acquisition Start Date	Acquisition Start Time
Run 1	TimeLogicalAcq	Down	28-Feb-2010 06:07:58	02-Mar-2010 12:37:34	28-Feb-2010	06:07:58
Log	Run 1: TimeLogicalAcq 399620F4-3C7B-4D97-84BA-DDF876AE325C					
Description: TeleScope + ARC Drilling Mechanics Time RT Format: Log (Drilling Mechanics Time RT) Index Scale: 2 in per 3600 s Index Type: Time Creation Date: 08-Mar-2010 16:23:32						
AJAM	TELE825:TELE825	ACQ - RT				
BLKP	DRILLING_SURFACE	ACQ - RT				
CRPM	TELE825:TELE825	ACQ - RT				
DEPTH	DnMWorkflow	ACQ - RT				
GENERIC_01	DRILLING_SURFACE	ACQ - RT				
HKLA	DRILLING_SURFACE	ACQ - RT				
OBTM	DnMWorkflow	ACQ - RT				
ROP	DRILLING_SURFACE	ACQ - RT				
RPM	DRILLING_SURFACE	ACQ - RT				
SHKPK	TELE825:TELE825	ACQ - RT				
SHKRSK	TELE825:TELE825	ACQ - RT				
SPPA	DRILLING_SURFACE	ACQ - RT				
STICK	TELE825:TELE825	ACQ - RT				
STOR	DRILLING_SURFACE	ACQ - RT				
SWOB	DRILLING_SURFACE	ACQ - RT				
TEMP_DNI	TELE825:TELE825	ACQ - RT				
TFLO	DRILLING_SURFACE	ACQ - RT				
TRPM	TELE825:TELE825	ACQ - RT				
VIB_LAT	TELE825:TELE825	ACQ - RT				
VIB_X	TELE825:TELE825	ACQ - RT				
				High Stick		
				Surface Torque (STOR)		
				Shock Peak		
				Shock Risk		

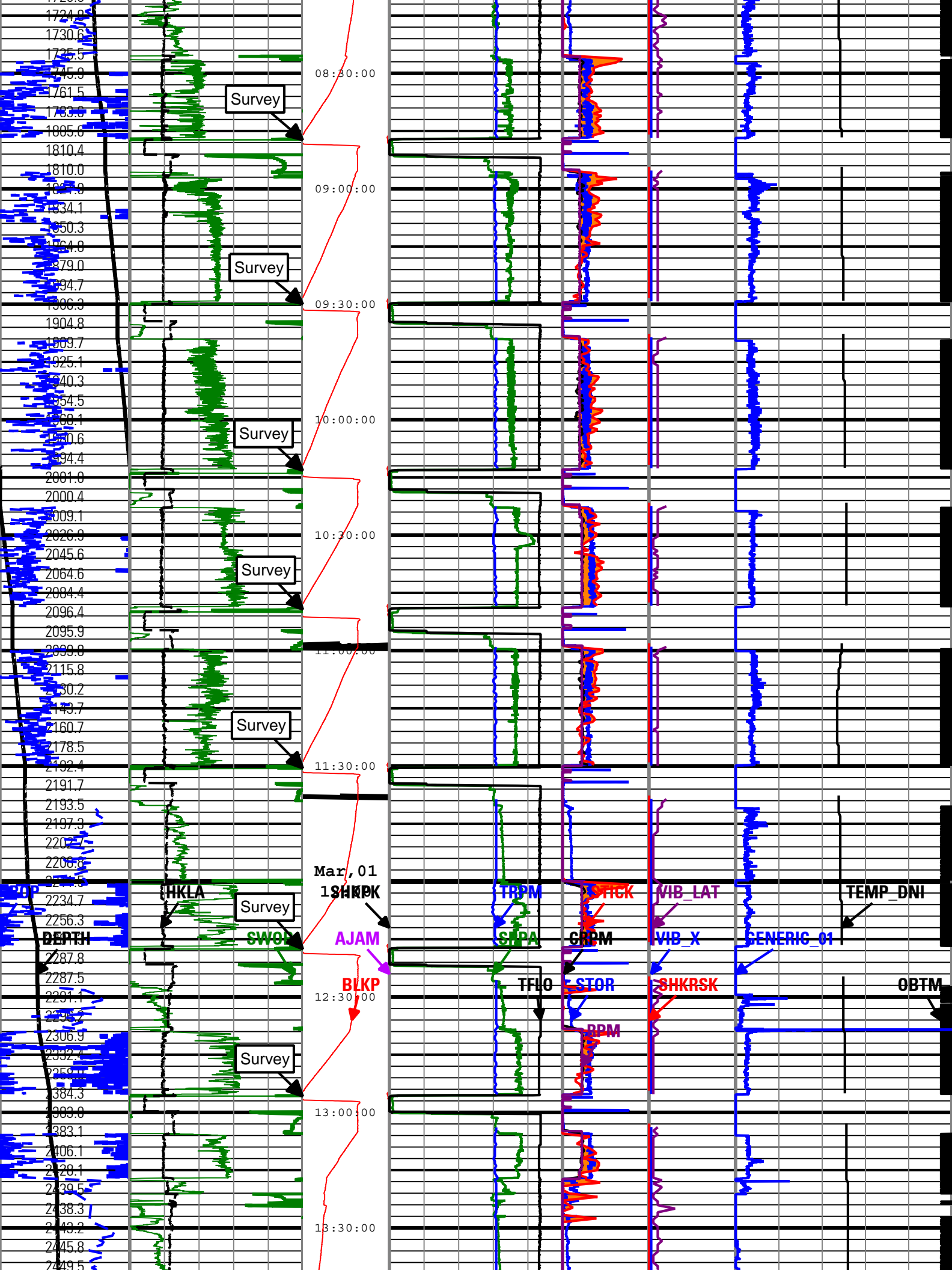
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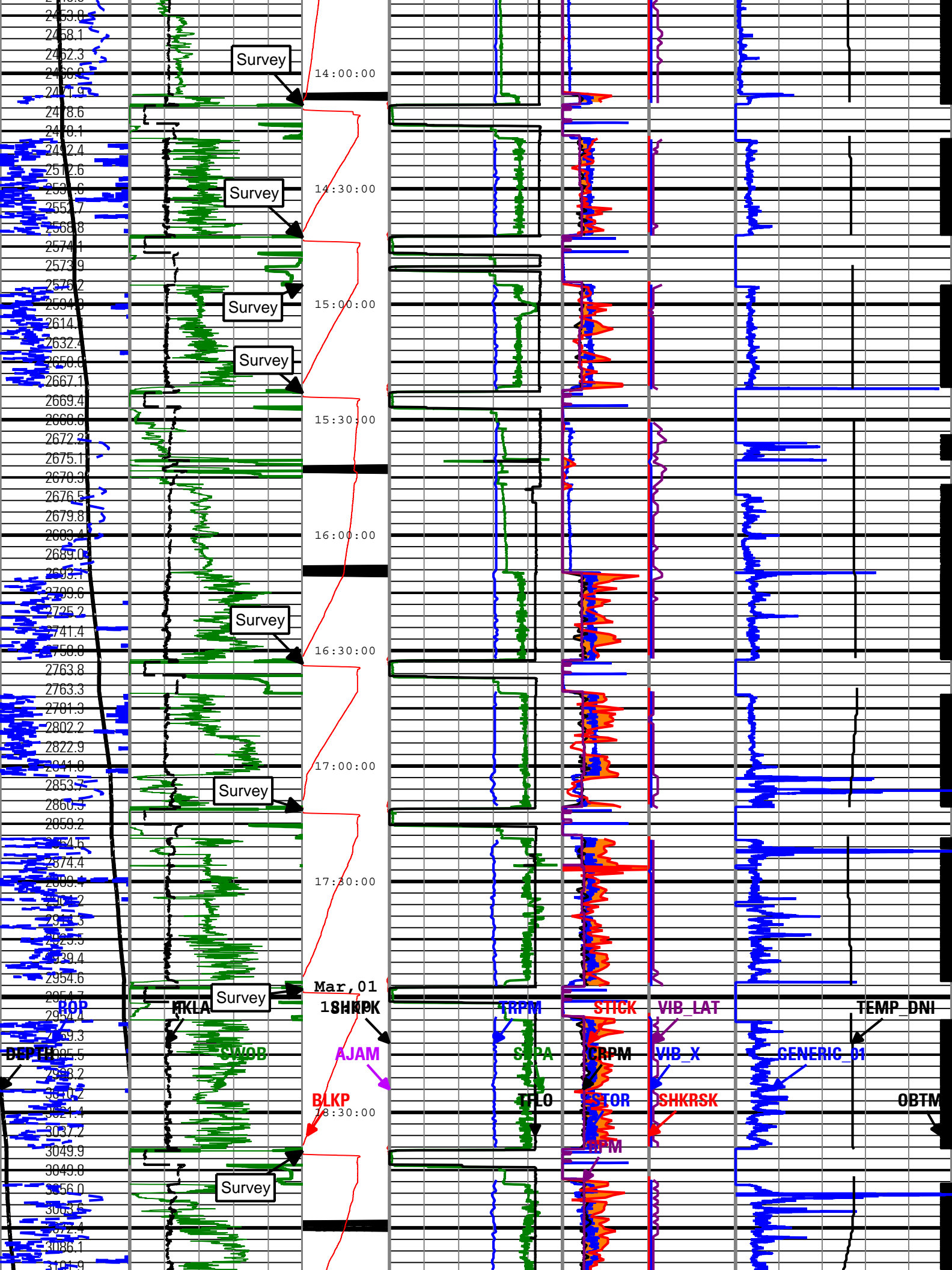


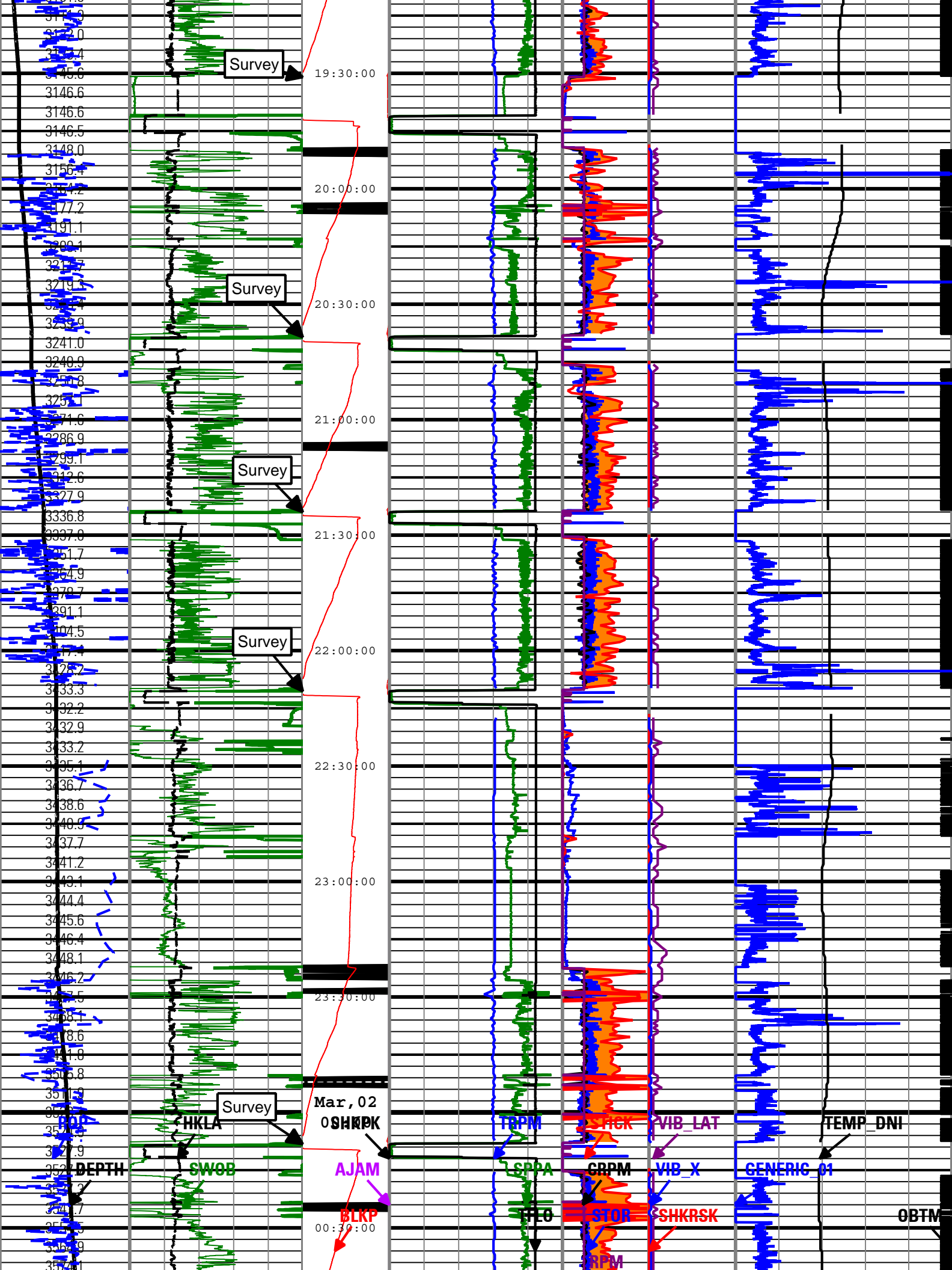


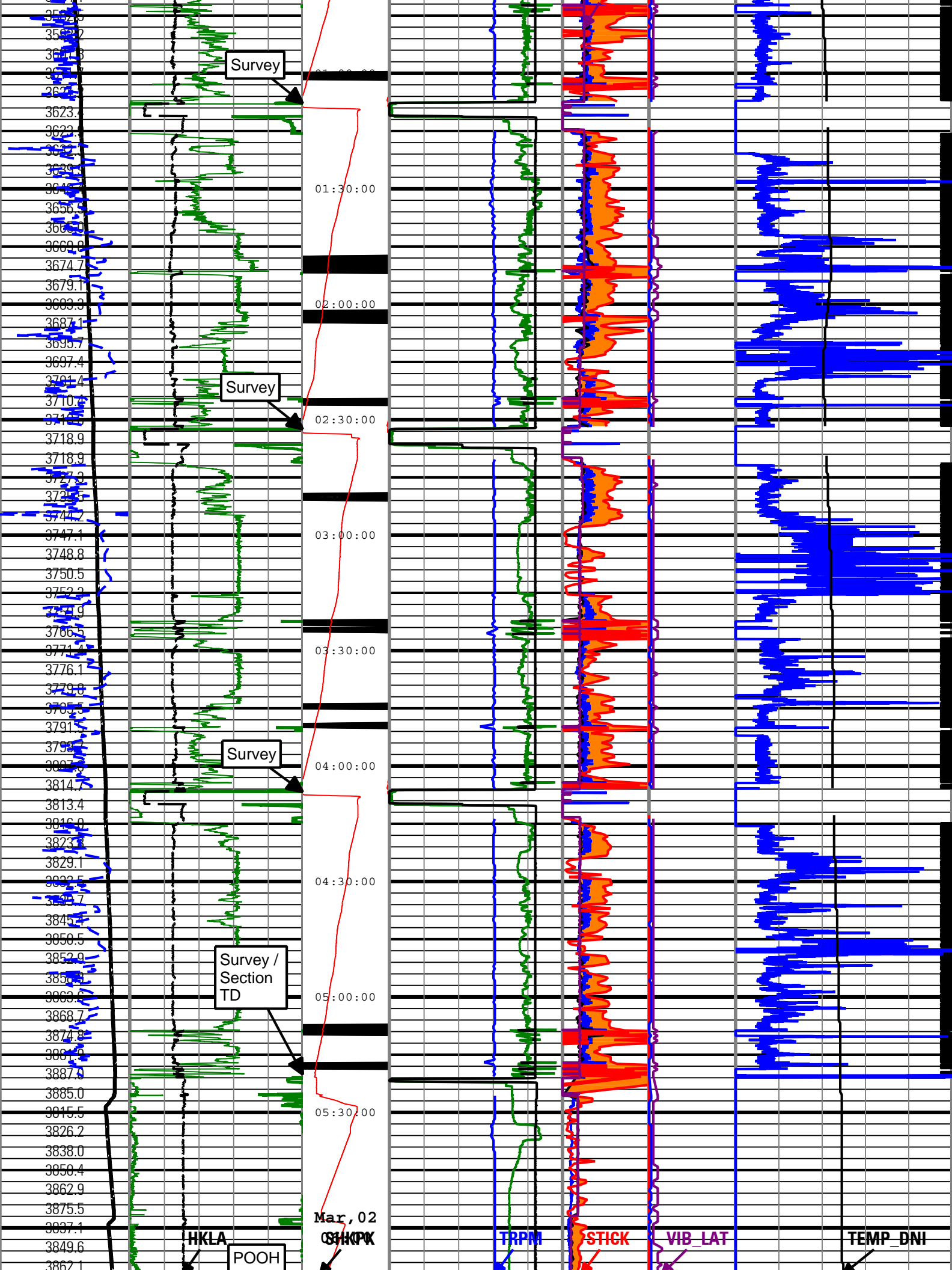


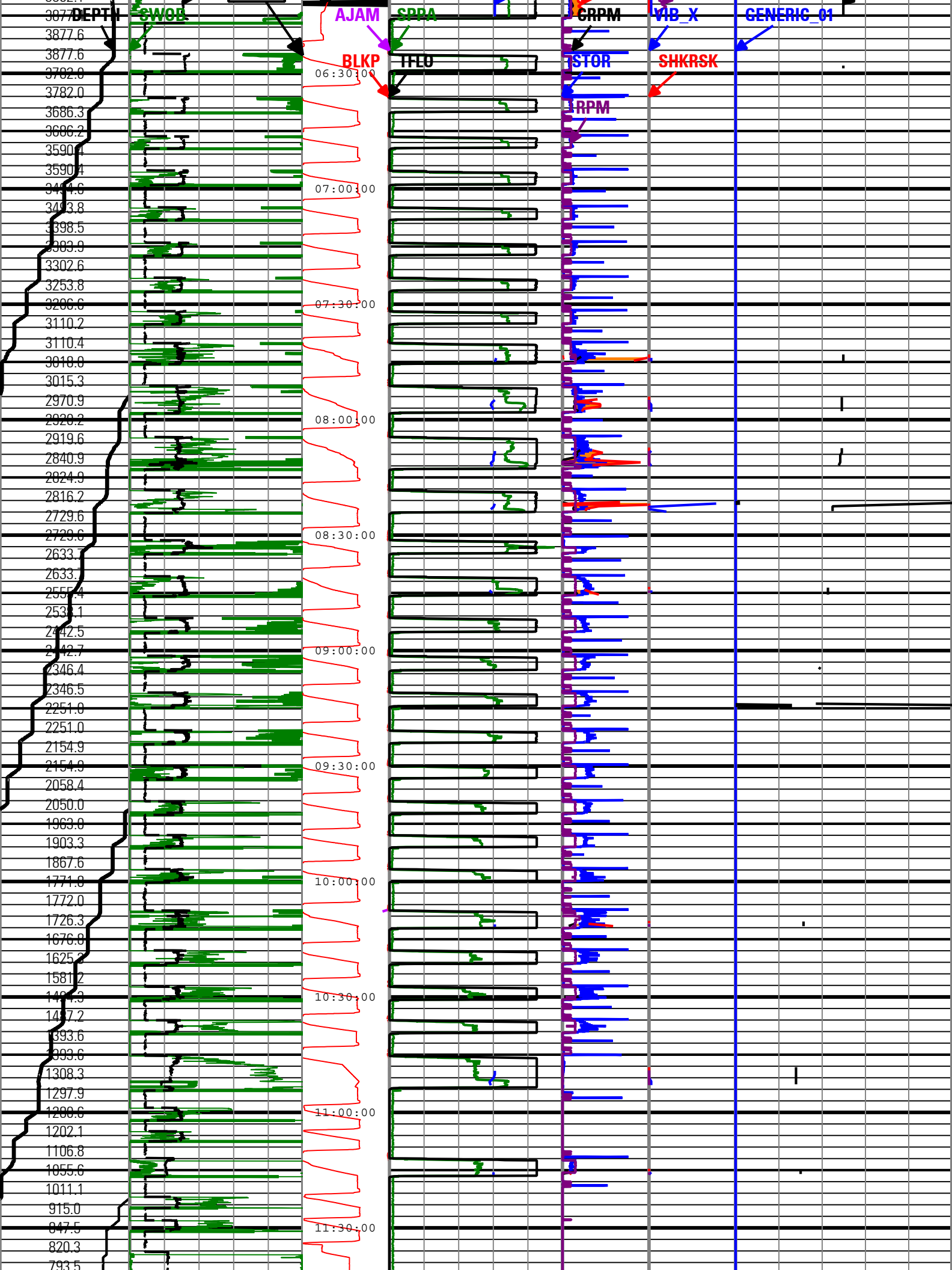


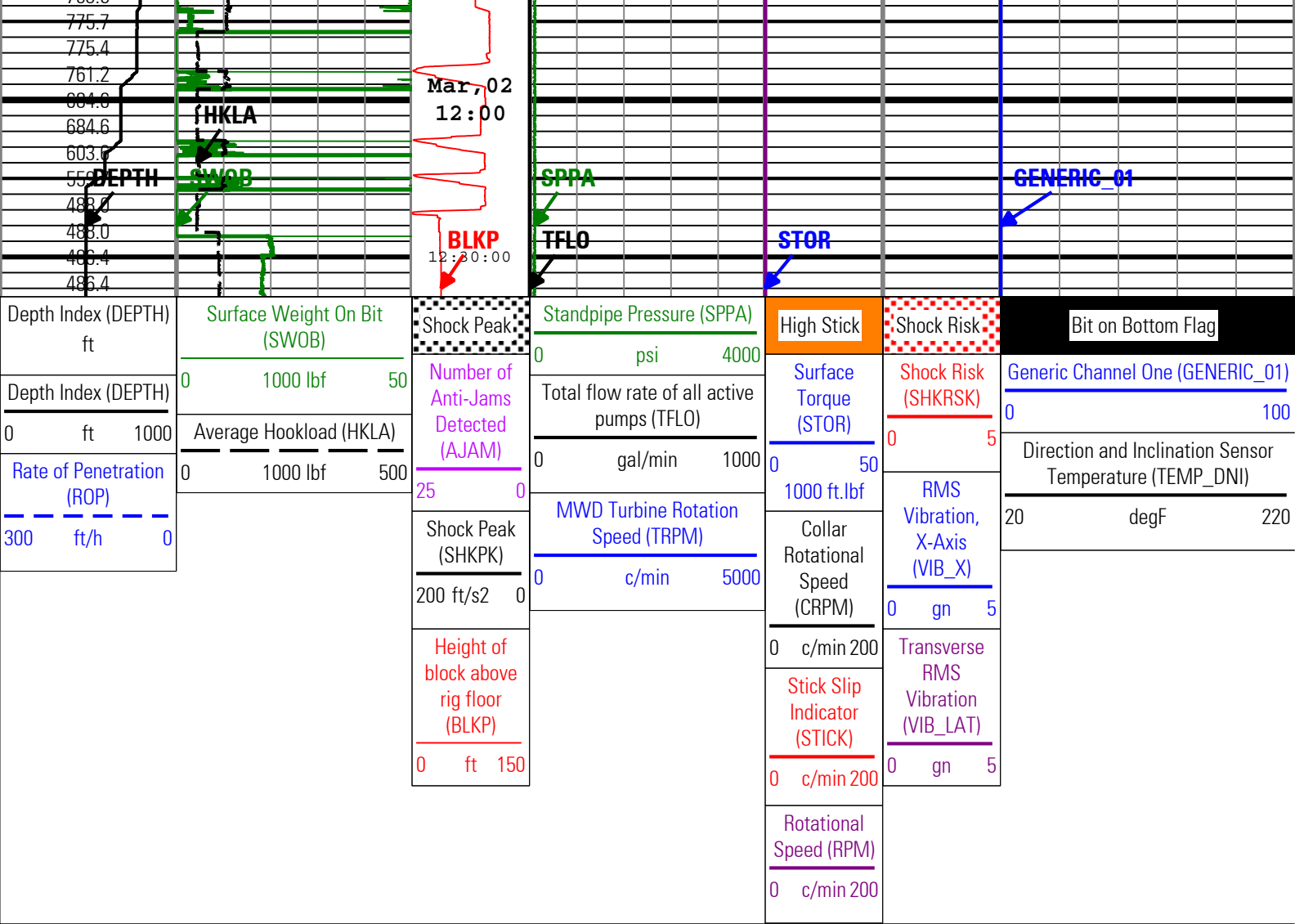












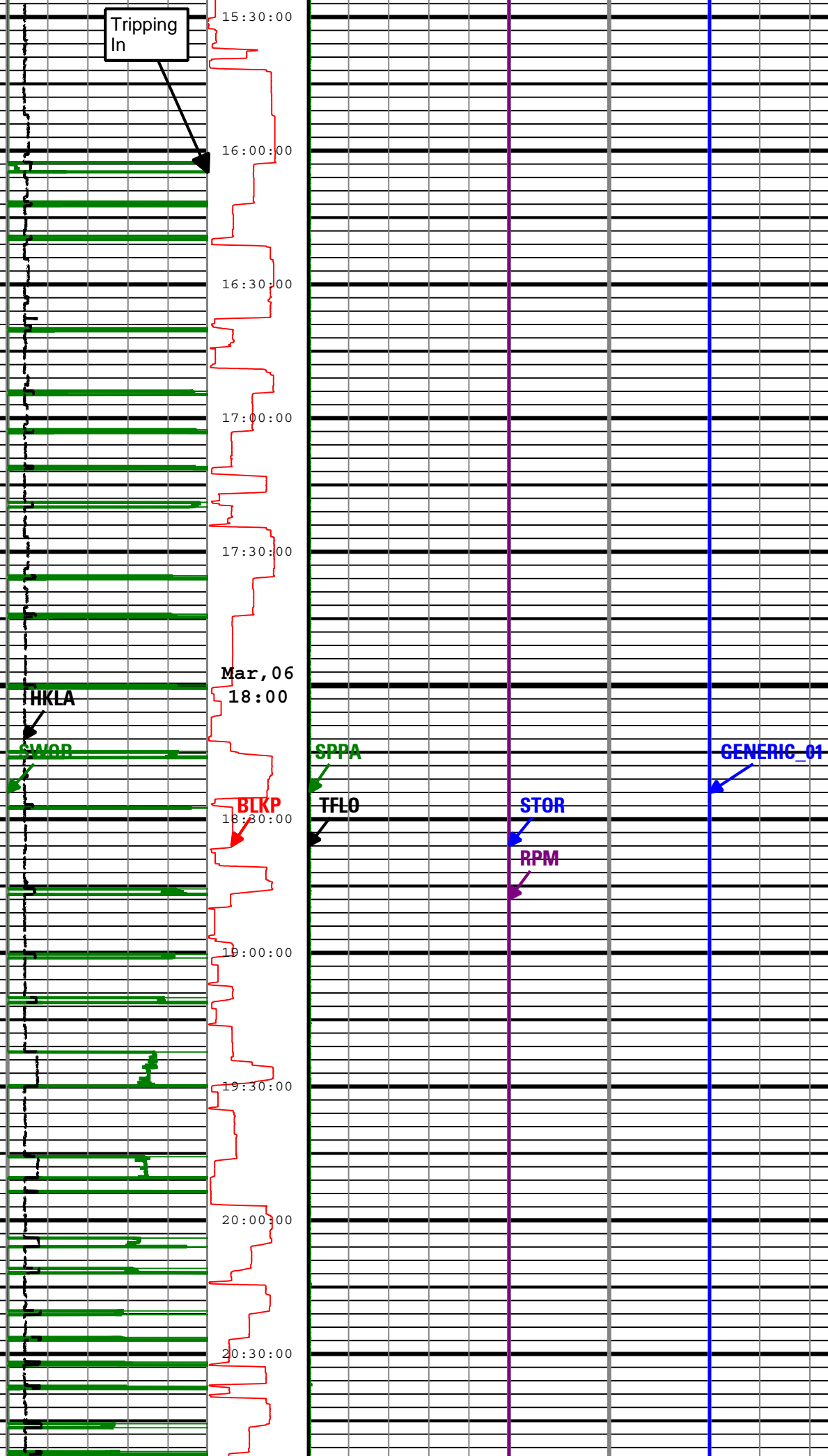
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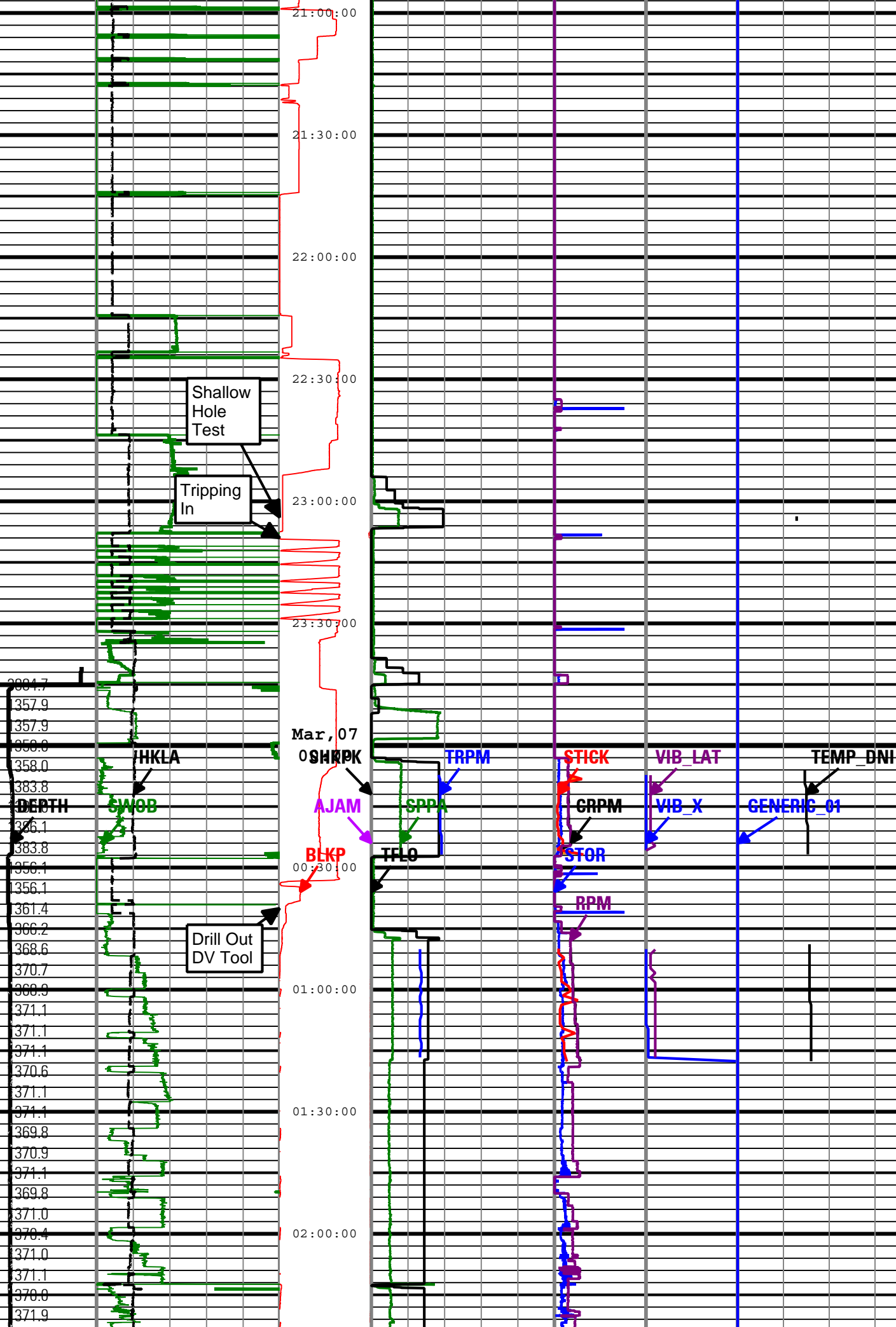
Run 2						
Software Version						
Acquisition System				Version		
MaxWell				1.2.8706.0		
Framework Patch				FWK-BGC-20100105-1.2.8706.1067		
Application Patch				APL-SRPC-DnM-1.2.8706.1045		
Tool Elements		Description		Software Version		Firmware Version
DRILLING_SURFACE		DRILLING_SURFACE		1.2.8706.1067		
Pass Summary						
Run Name	Pass Objective	Direction	Start	Stop	Acquisition Start Date	Acquisition Start Time
Run 2	TimeLogicalAcq	Down	06-Mar-2010 13:36:47	08-Mar-2010 14:38:56	06-Mar-2010	13:36:47
Log	Run 2: TimeLogicalAcq E1AE63BA-5299-4E8B-A947-FCA6A6F6DF10					
Description: TeleScope + ARC Drilling Mechanics Time RT Format: Log (Drilling Mechanics Time RT) Index Scale: 2 in per 3600 s Index Type: Time Creation Date: 08-Mar-2010 16:23:39						

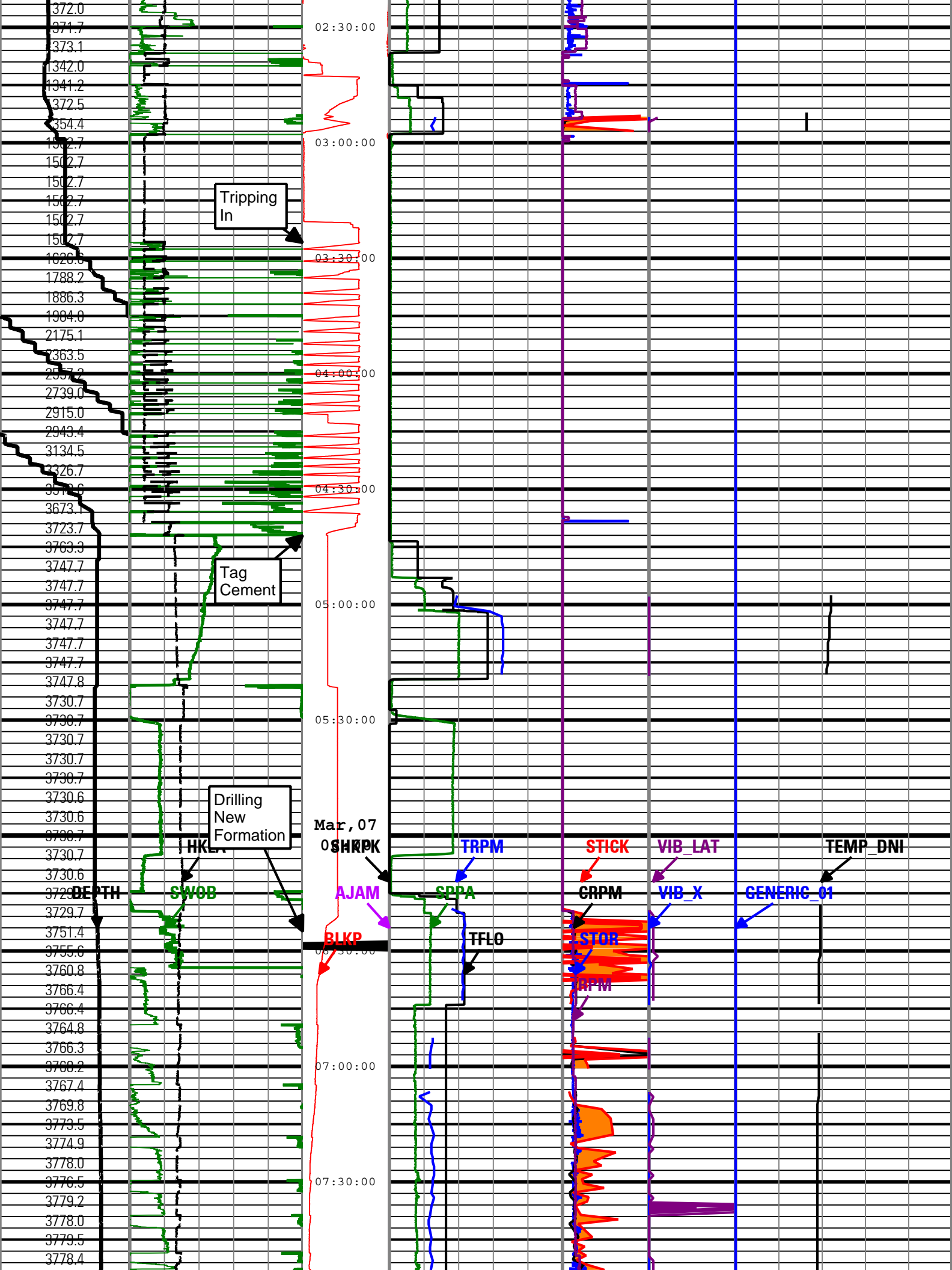
Description: TeleScope + ARC Drilling Mechanics Time RT Format: Log (Drilling Mechanics Time RT) Index Scale: 2 in per 3600 s Index Type: Time Creation Date: 08-Mar-2010 16:23:39

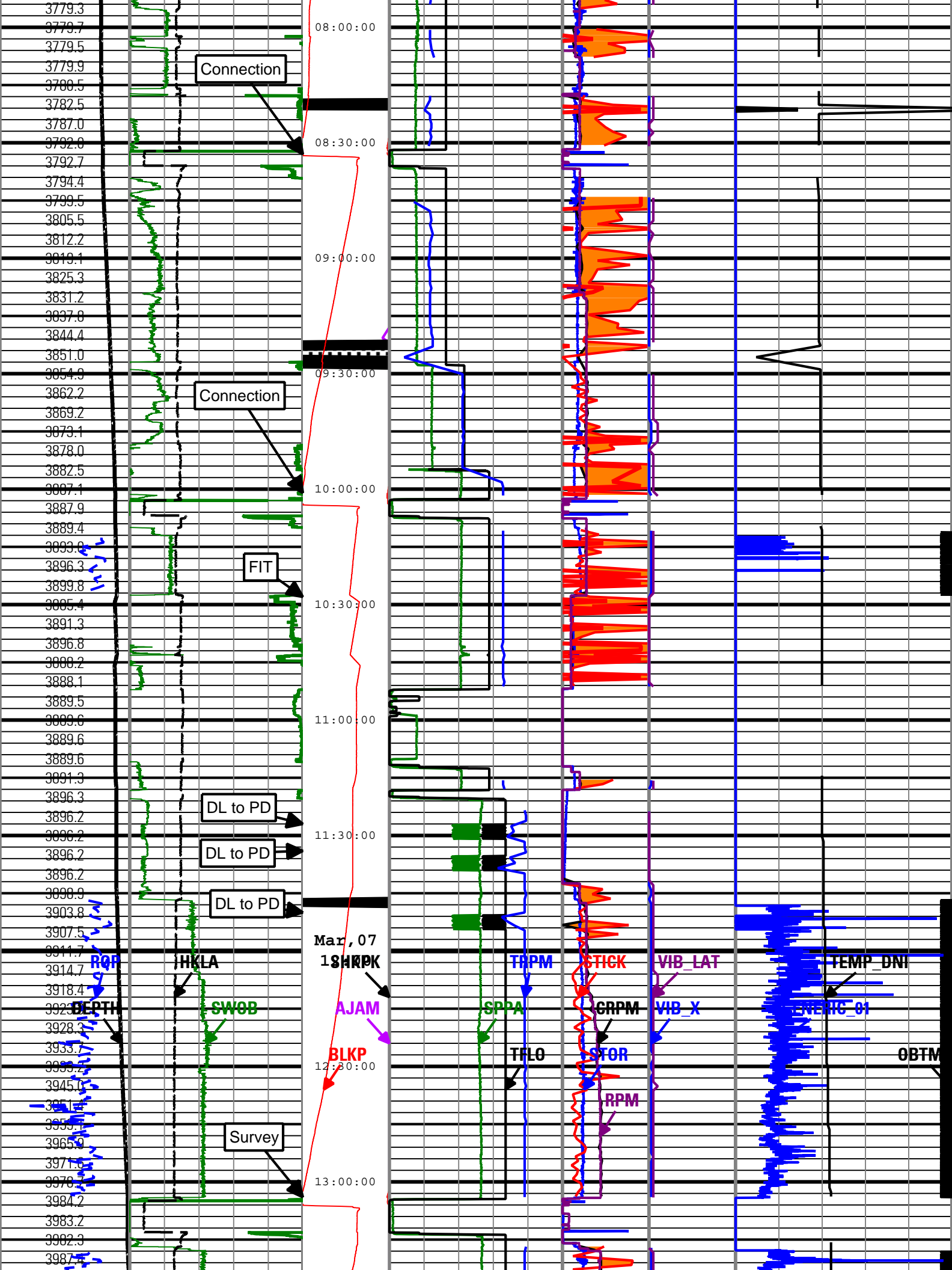
AJAM	TELE675:TELE675	ACQ - RT
BLKP	DRILLING_SURFACE	ACQ - RT
CRPM	TELE675:TELE675	ACQ - RT
DEPTH	D.M.W.L.	ACQ - RT

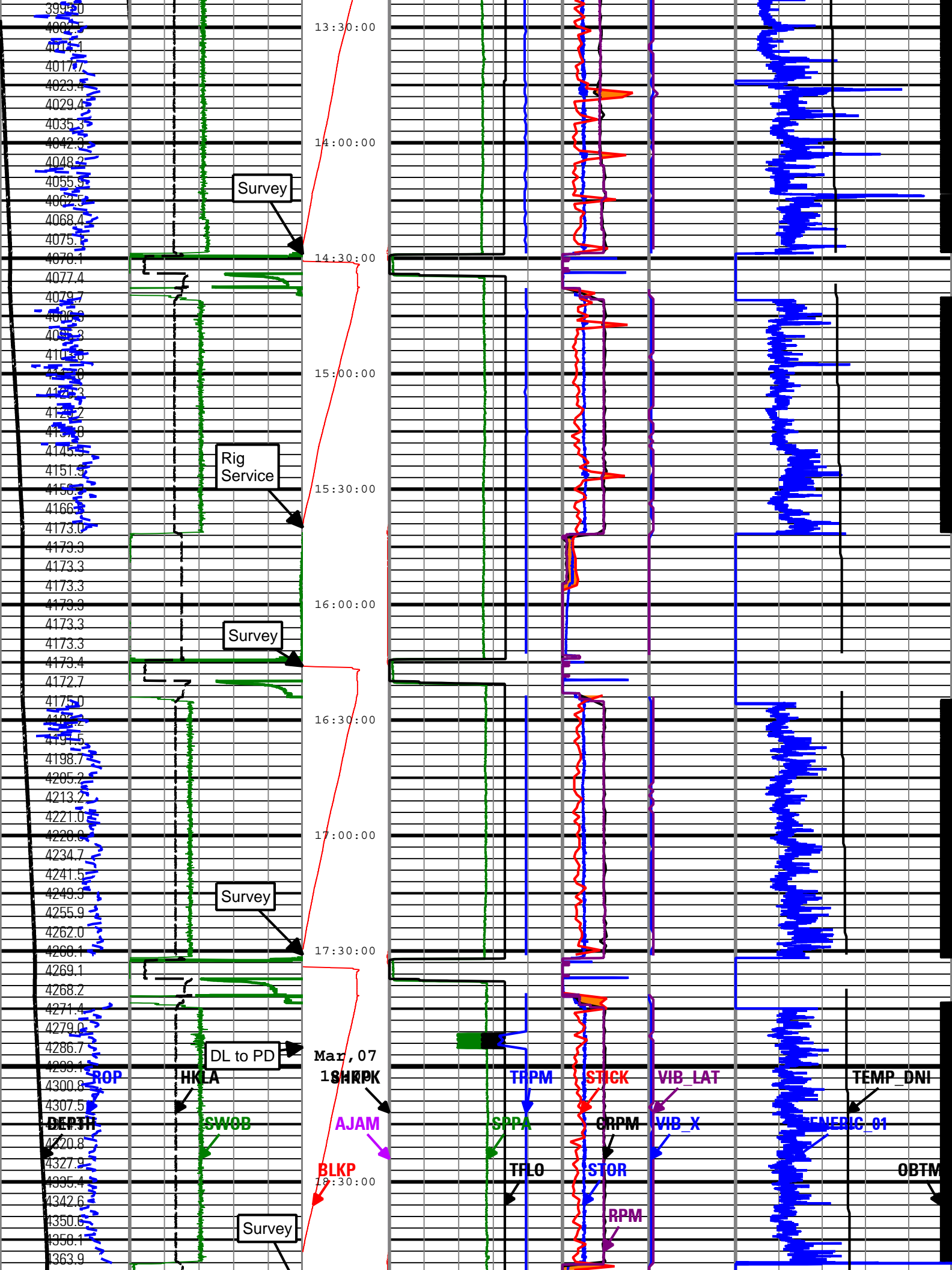
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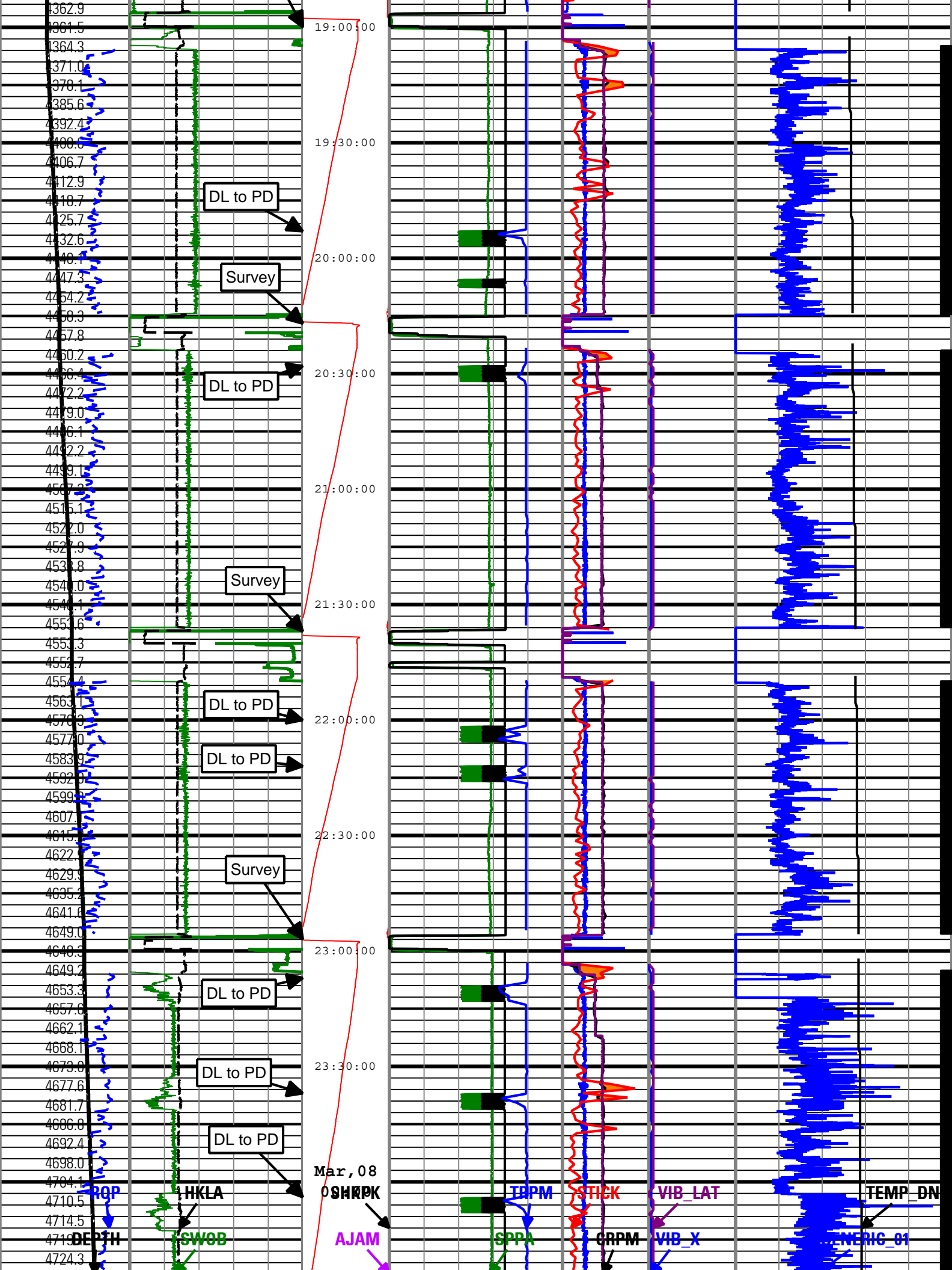


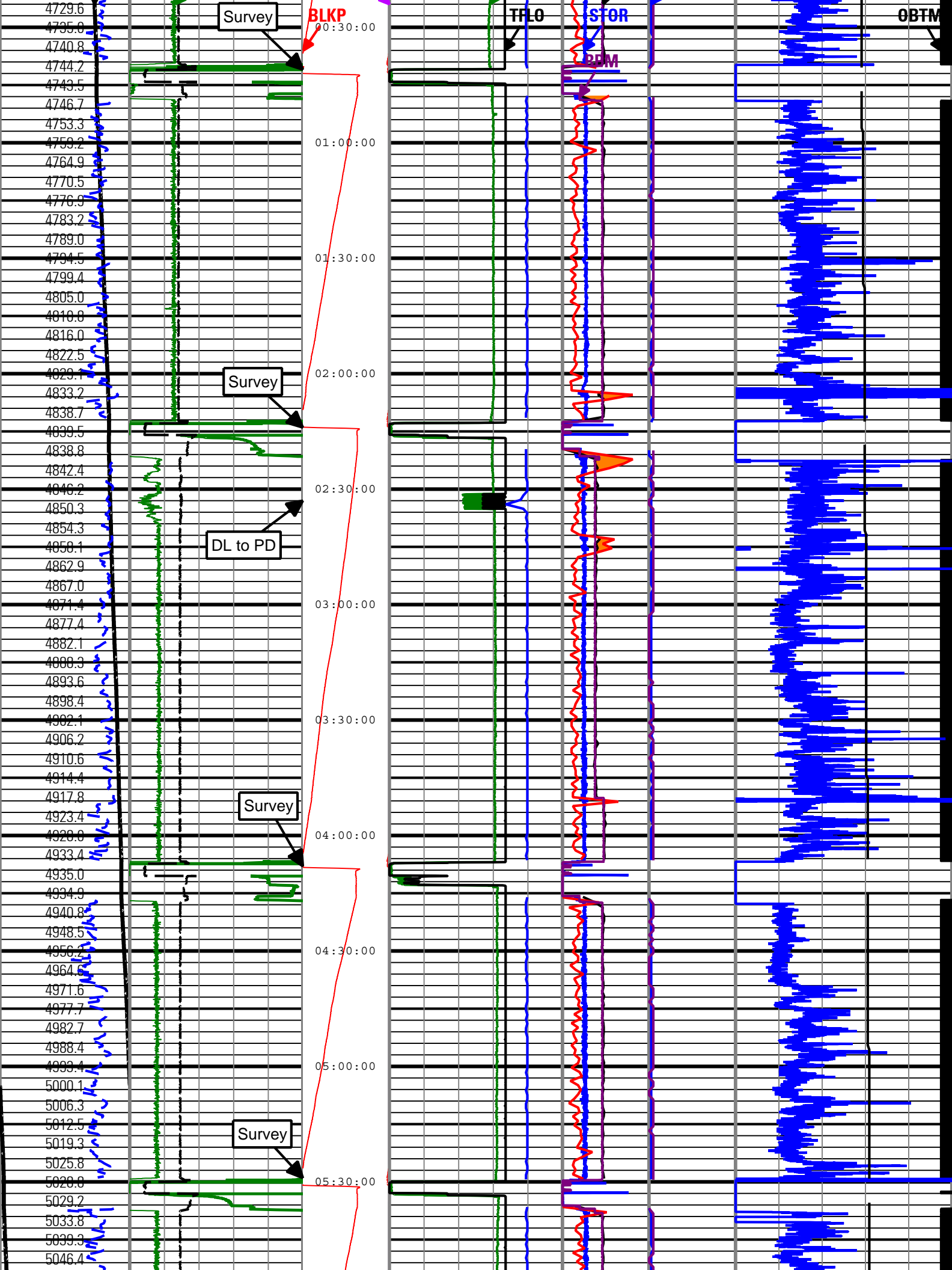


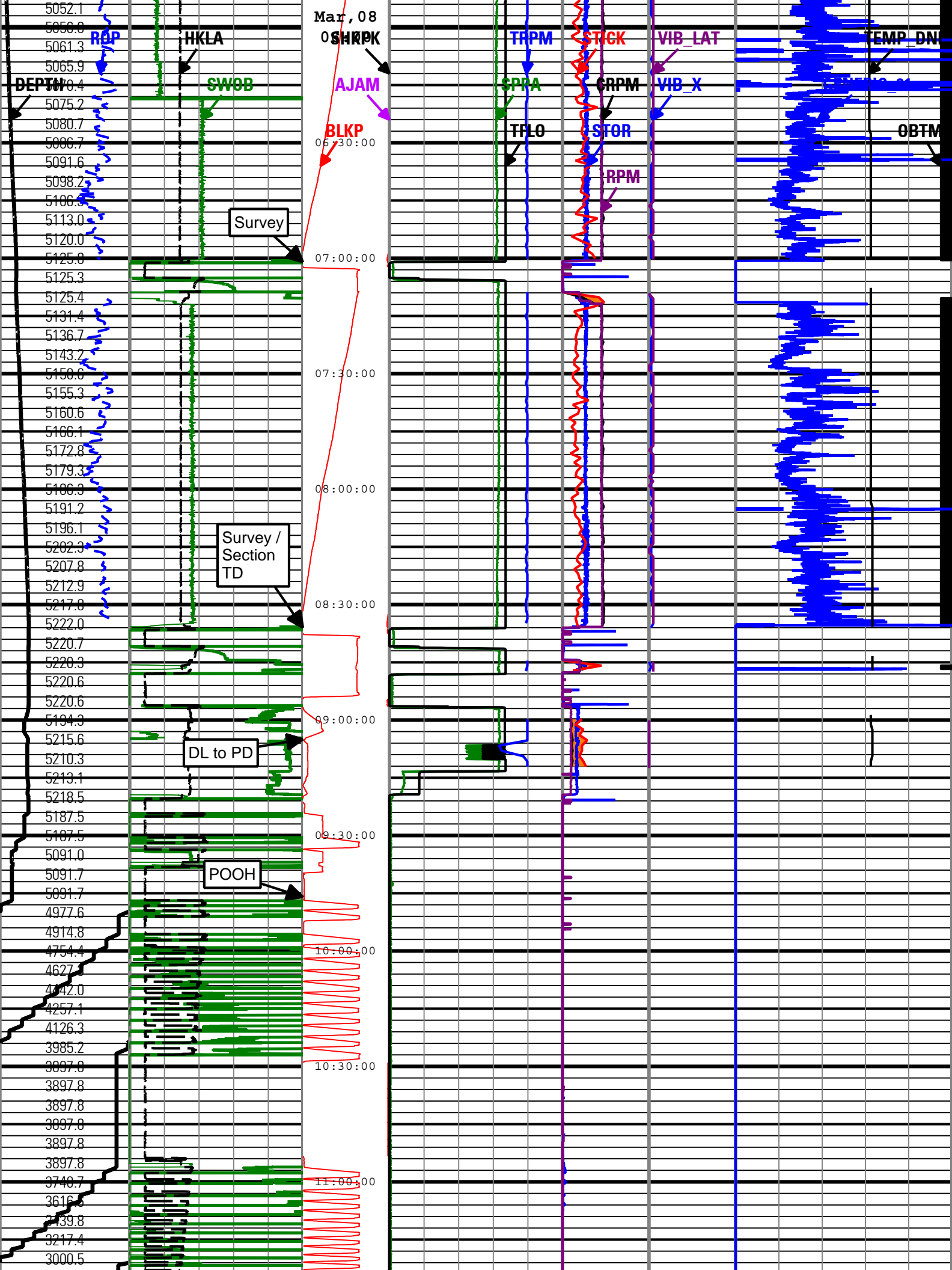


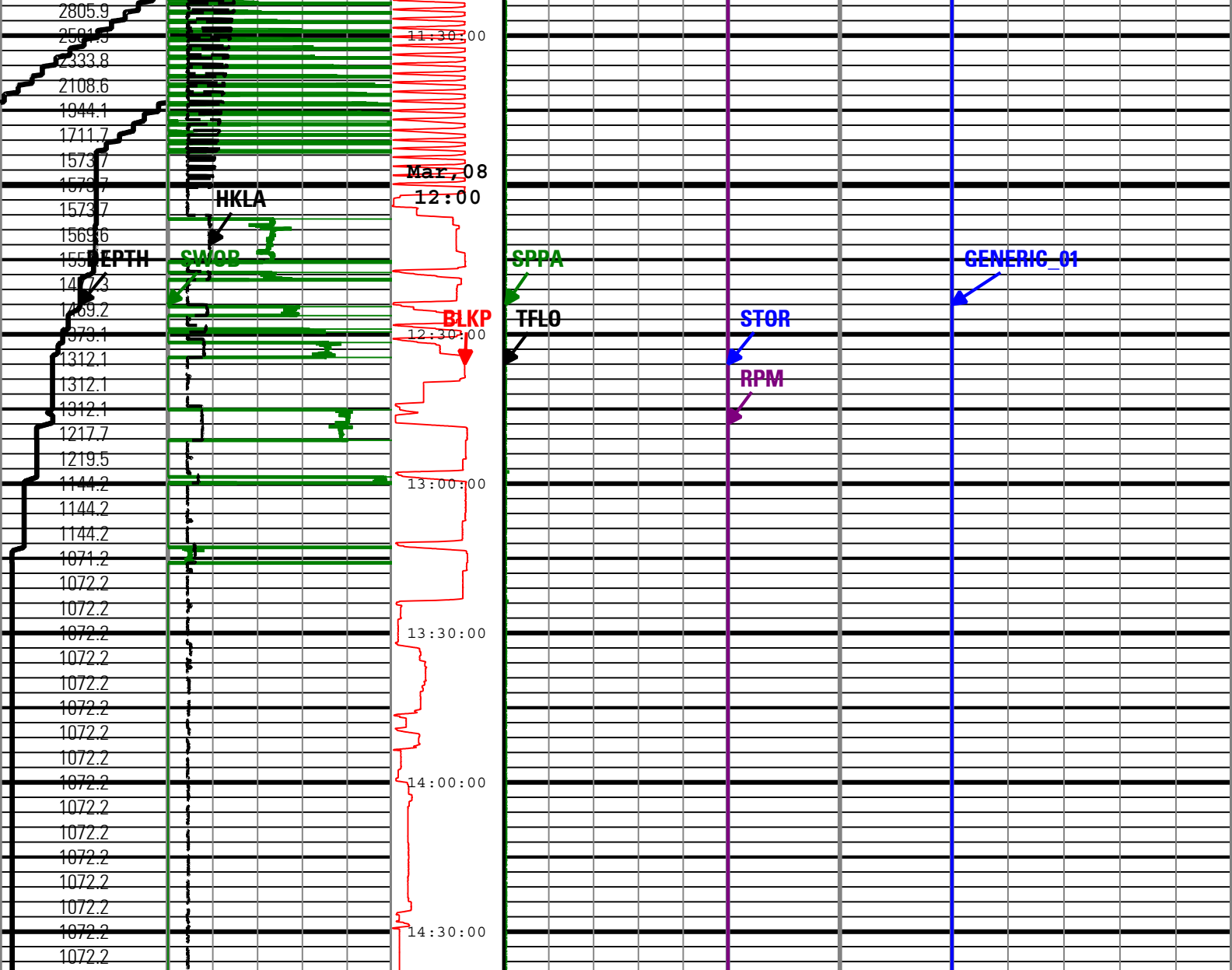












Depth Index (DEPTH) ft	Surface Weight On Bit (SWOB)	Shock Peak Number of Anti-Jams Detected (AJAM)	Standpipe Pressure (SPPA) psi	High Stick Surface Torque (STOR)	Shock Risk RMS Vibration, X-Axis (VIB_X)	Bit on Bottom Flag Generic Channel One (GENERIC_01)
0 1000	0 1000 lbf 500	25 0	0 1000	0 50	0 5	0 100
Rate of Penetration (ROP) ft/h	Average Hookload (HKLA)	Shock Peak (SHKPK) ft/s ²	MWD Turbine Rotation Speed (TRPM) c/min	Collar Rotational Speed (CRPM) c/min	Transverse RMS Vibration (VIB_LAT) gn	Direction and Inclination Sensor Temperature (TEMP_DNI) degF
300 0	0 1000 lbf 500	200 0	0 5000	0 200	0 5	20 220
		Height of block above rig floor (BLKP) ft		Stick Slip Indicator (STICK) c/min		
		0 150		0 200		
				Rotational Speed (RPM) c/min		
				0 200		

Tool Control Parameters

Parameter	Description	ToolPath	Value	Unit
OFFBTM_TH	Threshold for deciding whether the bit is off bottom	DnMWorkflow	Time Zoned	ft

Time Zone Parameters			
Parameter	Value	Start	Stop
OFFBTM_TH	0	06-Mar-2010 13:36:54	07-Mar-2010 16:37:22
OFFBTM_TH	0.5	07-Mar-2010 16:37:22	07-Mar-2010 18:47:26
OFFBTM_TH	0.3	07-Mar-2010 18:47:26	07-Mar-2010 18:51:32
OFFBTM_TH	0	07-Mar-2010 18:51:32	07-Mar-2010 18:51:48
OFFBTM_TH	0.3	07-Mar-2010 18:51:48	08-Mar-2010 05:33:02
OFFBTM_TH	0	08-Mar-2010 05:33:02	08-Mar-2010 05:38:32
OFFBTM_TH	0.3	08-Mar-2010 05:38:32	08-Mar-2010 14:38:58

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Field:	Piceance Creek
County:	Rio Blanco
State:	Colorado
Country:	United States



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