

Schlumberger

PERFORM - Drilling Mechanics

2 in / hr Time Based

Real Time Log

Company: ExxonMobil Oil Corporation

Well: Piceance Creek Unit 197 34A3

Field: Piceance Creek

County: Rio Blanco

State: Colorado

Country: U.S.A.

APIN: 051031154200

Rig Name: H & P 325

Rig Type: Flex 4

Section: 34

Township: 1S

Range: 97W

FL: Piceance Creek

FL1: X: 1221382.00 ft Latitude: 39° 55' 5.034" N

FL2: Y: 225186.00 ft Longitude: 108° 16' 34.679" N

Log Measured From - Drill Floor: 6518.0 ft

Ground Level: 6488.0 ft

Permanent Datum - Mean Sea Level

Acquisition Dates: 27 Feb 10 to 14 Jun 10

Print Interval: 2/27/2010 8:14:12 PM to 6/17/2010 4:49:26 PM

Index Types: Time

Index Scales: 2" / 3600 secs

Depth Source: Driller's Depth

Depth Sensor: 3rd Party Depth

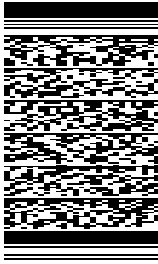
Conveyance: Drill Pipe

Print Type: Final

Spud Date: 02/27/2010

Other Services:

Directional Drilling



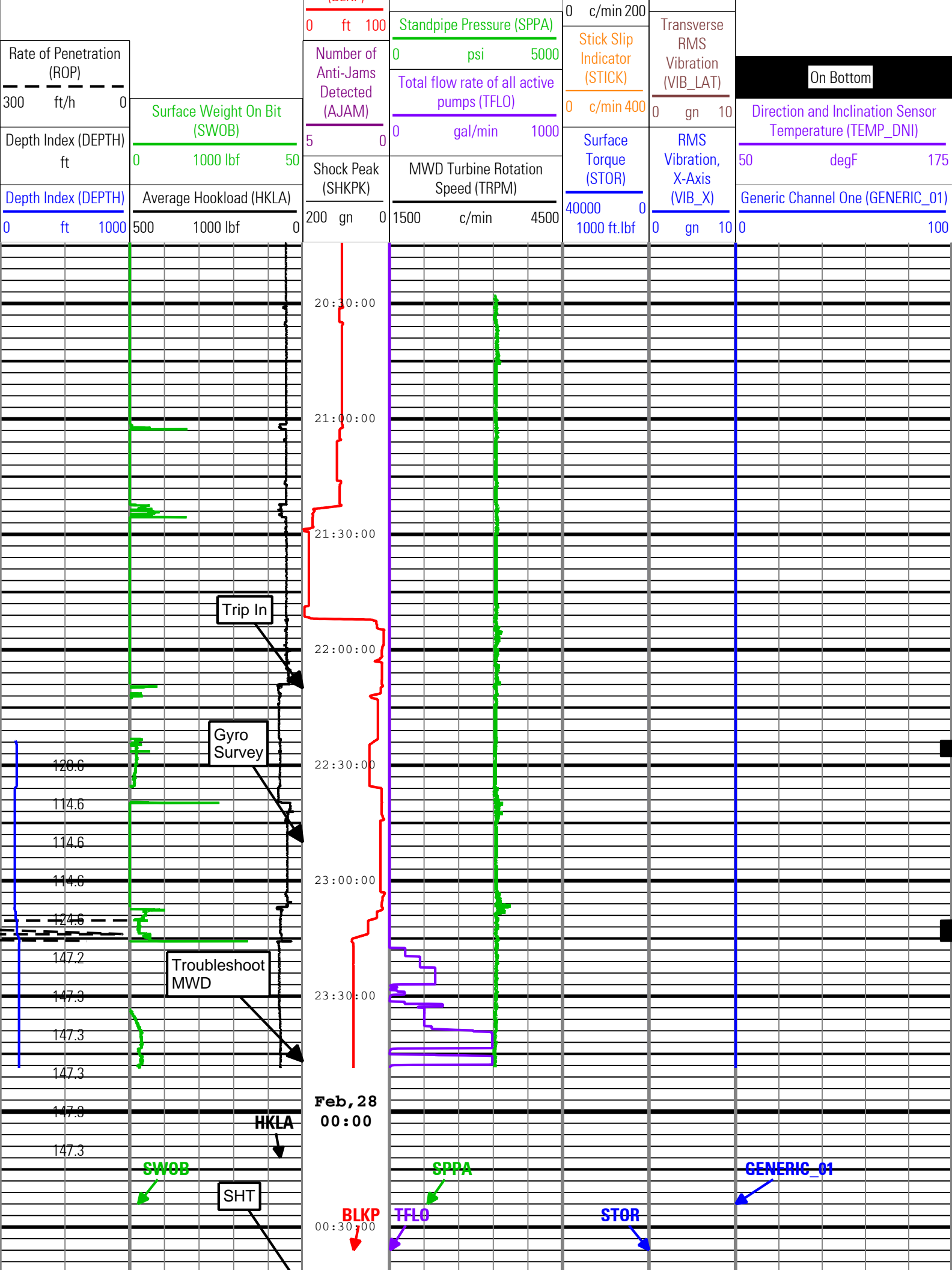
Disclaimer

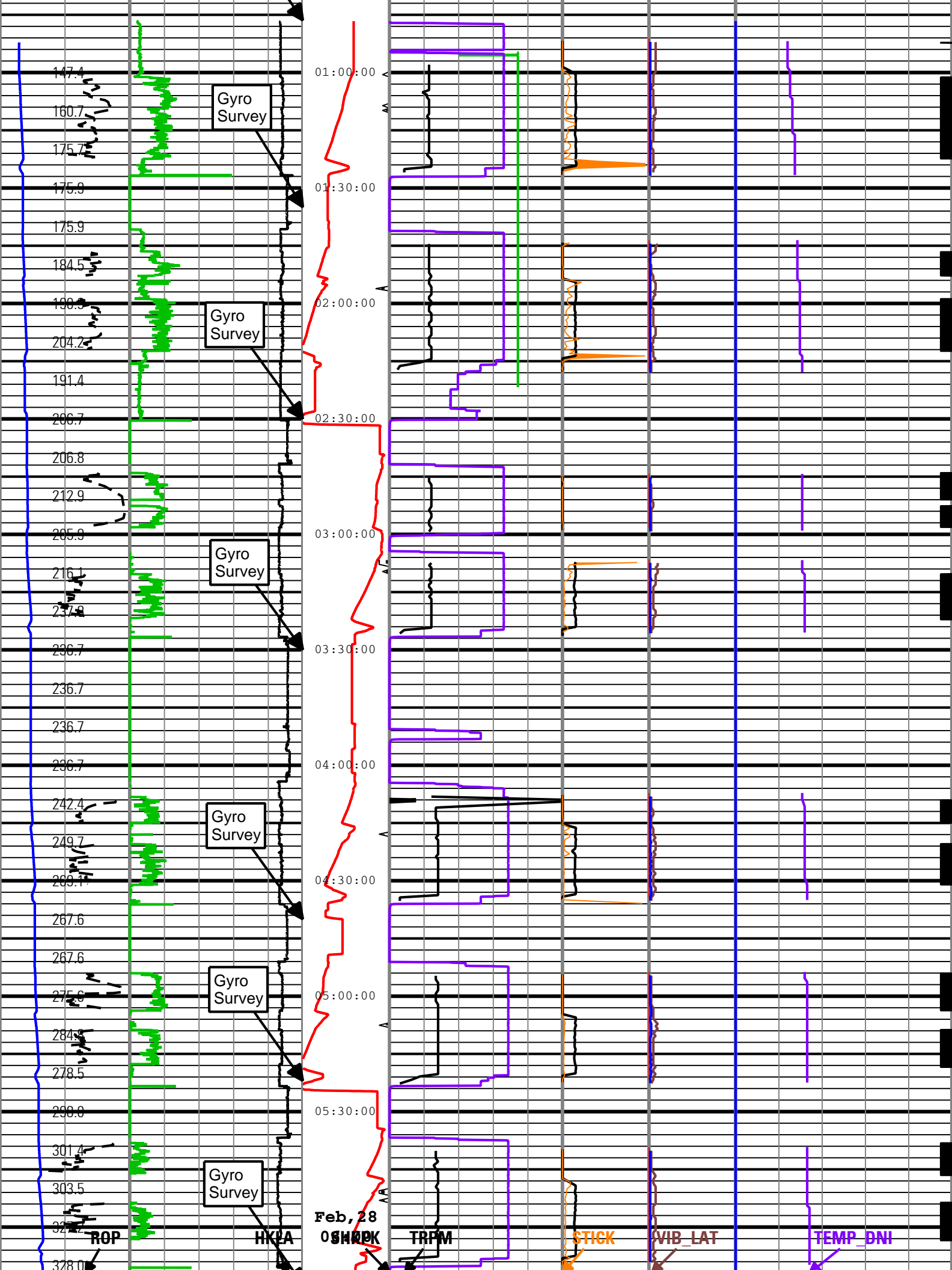
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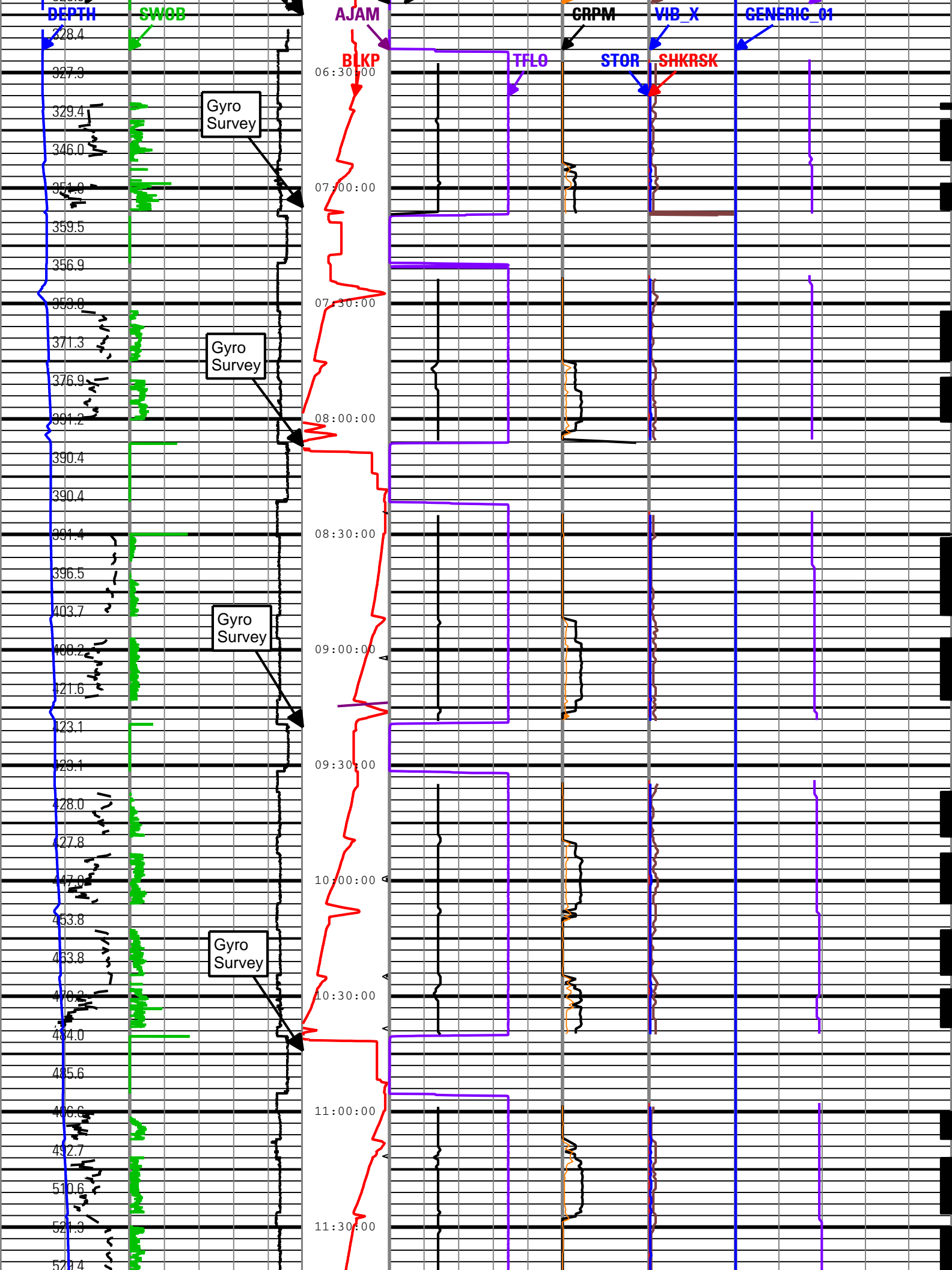
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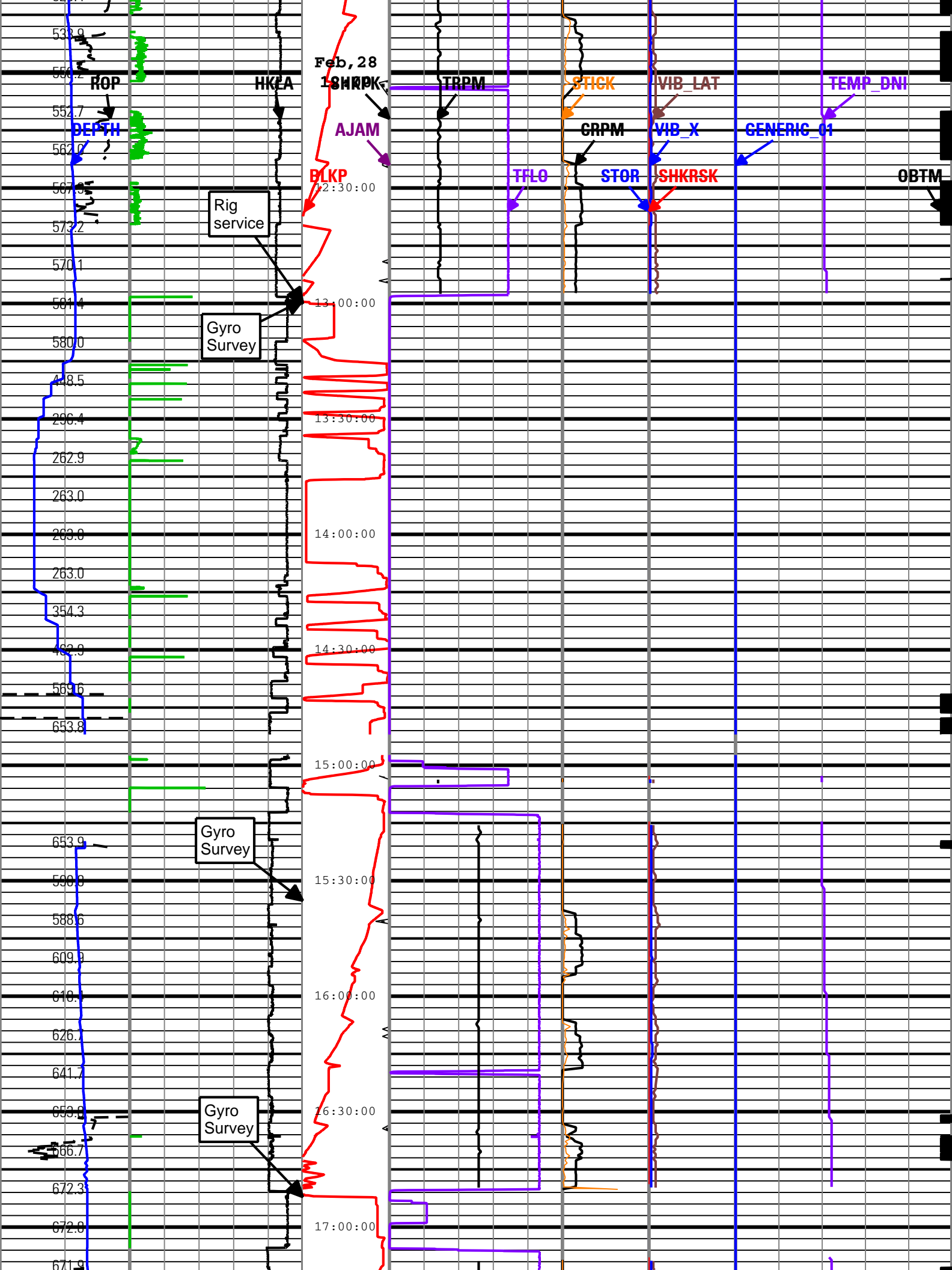
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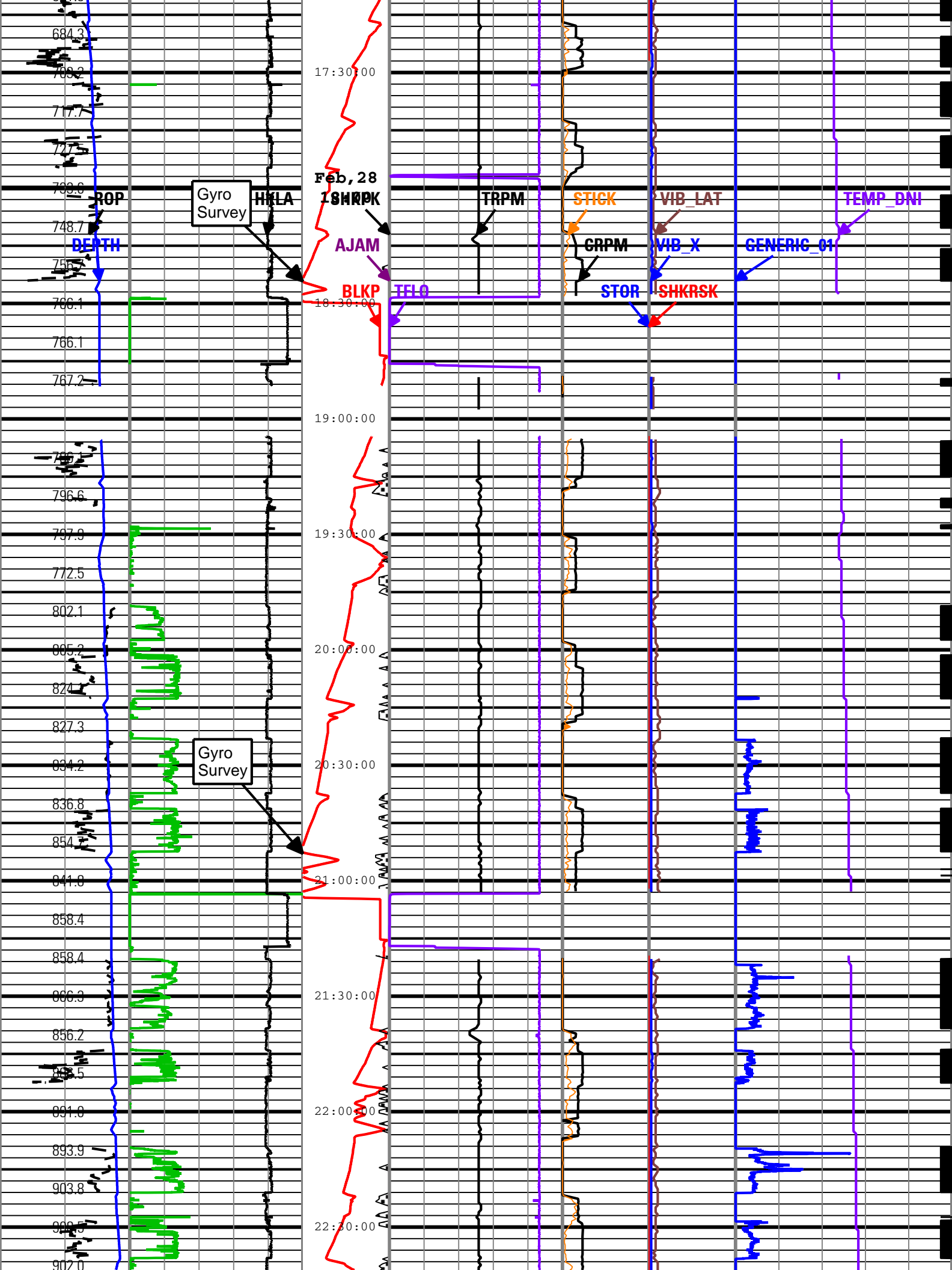
Run 1						
PERFORM - Drilling Mechanics						
Software Version						
Acquisition System				Version		
MaxWell				1.2.8706.0		
Framework Patch				FWK-BGC-20100105-1.2.8706.1067		
Application Patch				APL-SRPC-DnM-1.2.8706.1045		
Tool Elements		Description		Software Version		Firmware Version
DRILLING_SURFACE		DRILLING_SURFACE		1.2.8706.1067		
Pass Summary						
Run Name	Pass Objective	Direction	Start	Stop	Acquisition Start Date	Acquisition Start Time
Run 1	TimeLogicalAcq	Down	27-Feb-2010 20:14:09	03-Mar-2010 02:05:50	27-Feb-2010	20:14:09
Log	Run 1: TimeLogicalAcq A356C628-9123-4194-9C14-7C1406D55BCD					
Description: TeleScope + ARC Drilling Mechanics Time RT Format: Log (PERFORM - Drilling Mechanics) Index Scale: 2 in per 3600 s Index Type: Time Creation Date: 17-Jun-2010 17:30:51						
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				
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				
<div>Shock Peak</div> <div>Height of block above rig floor (BJ KP)</div>			<div>High SticknSlip</div> <div>Collar Rotational Speed (CRPM)</div> <div>Shock Risk (SHKRSK)</div> <div>05</div>			

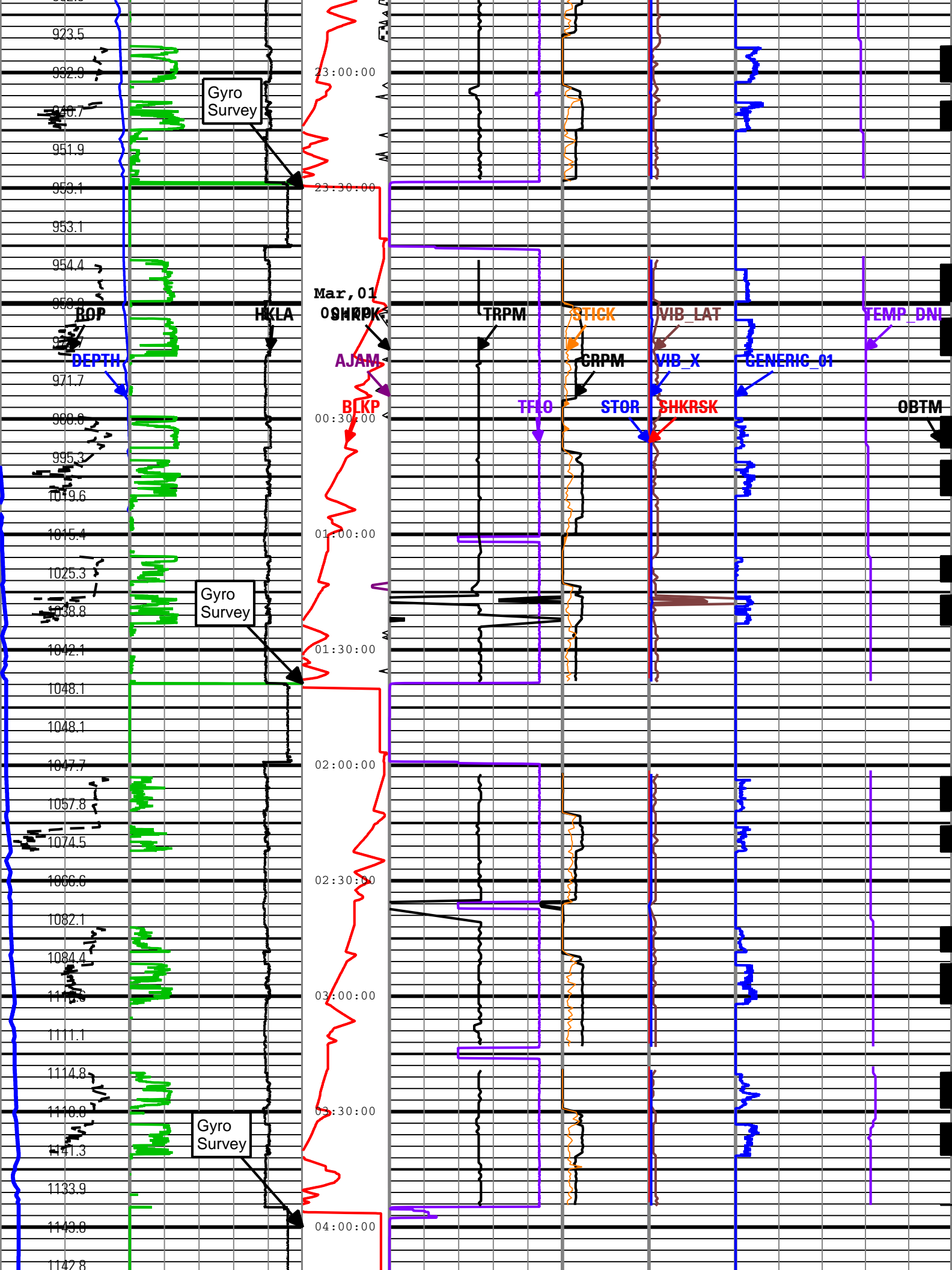


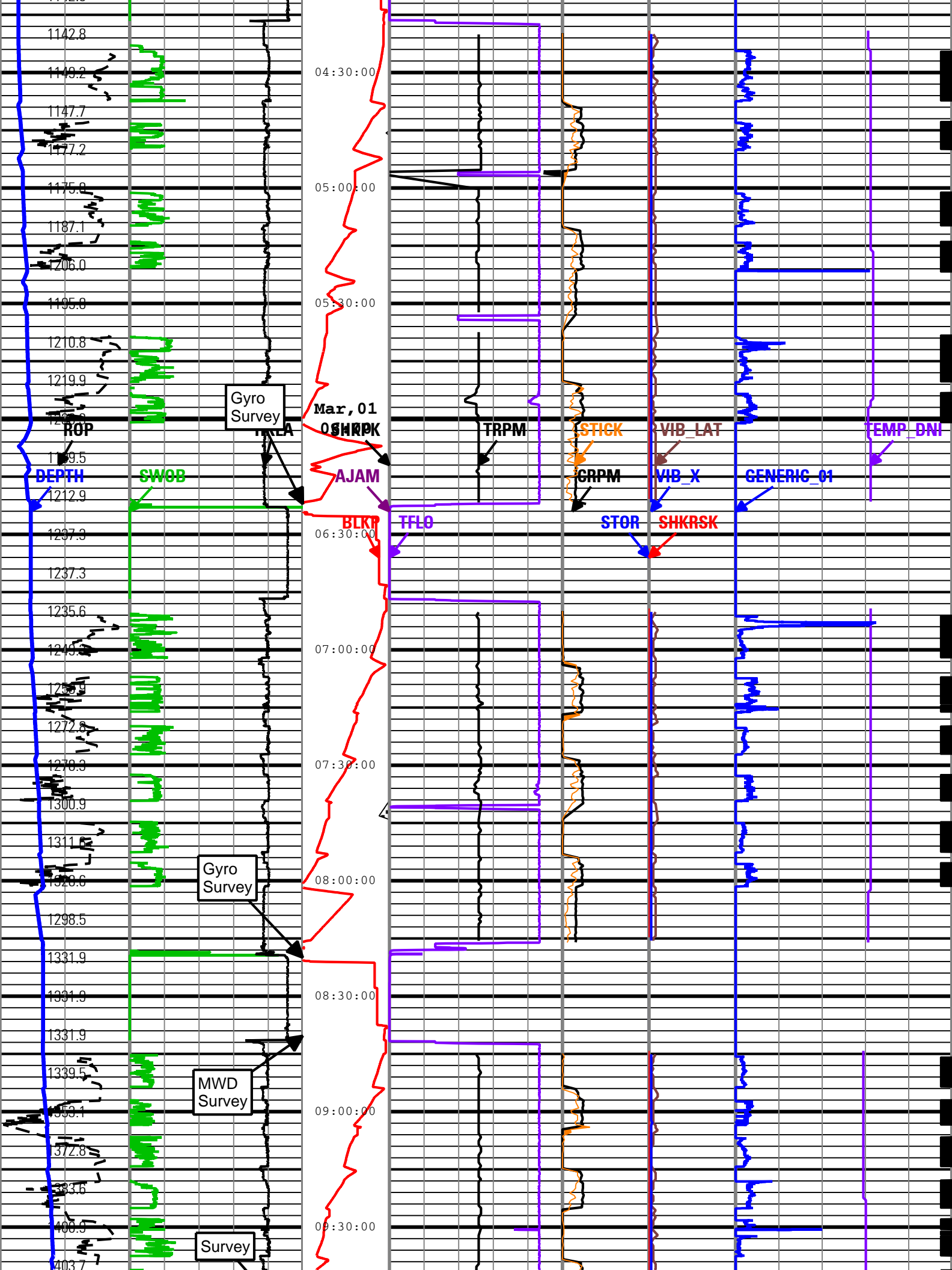


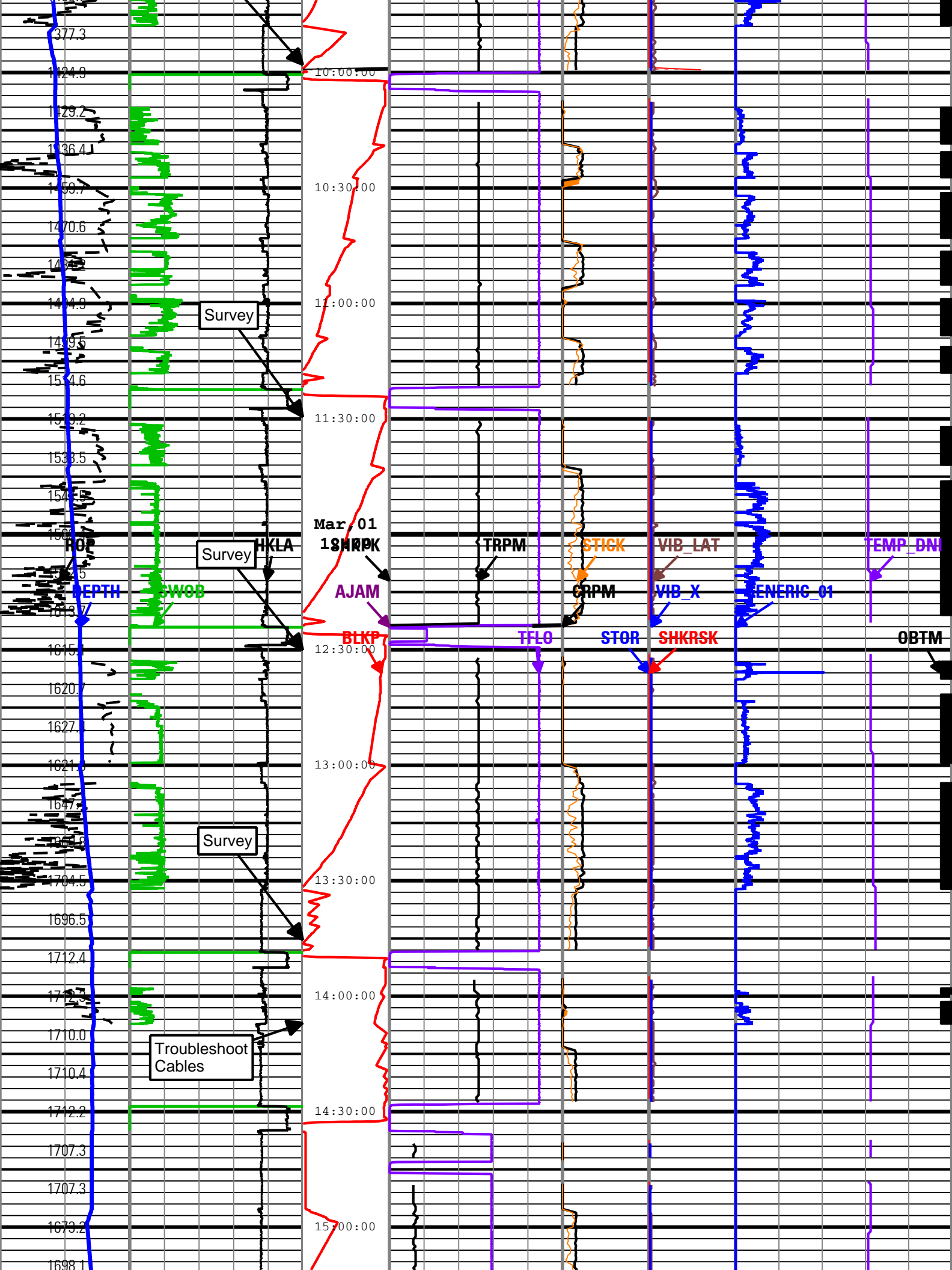


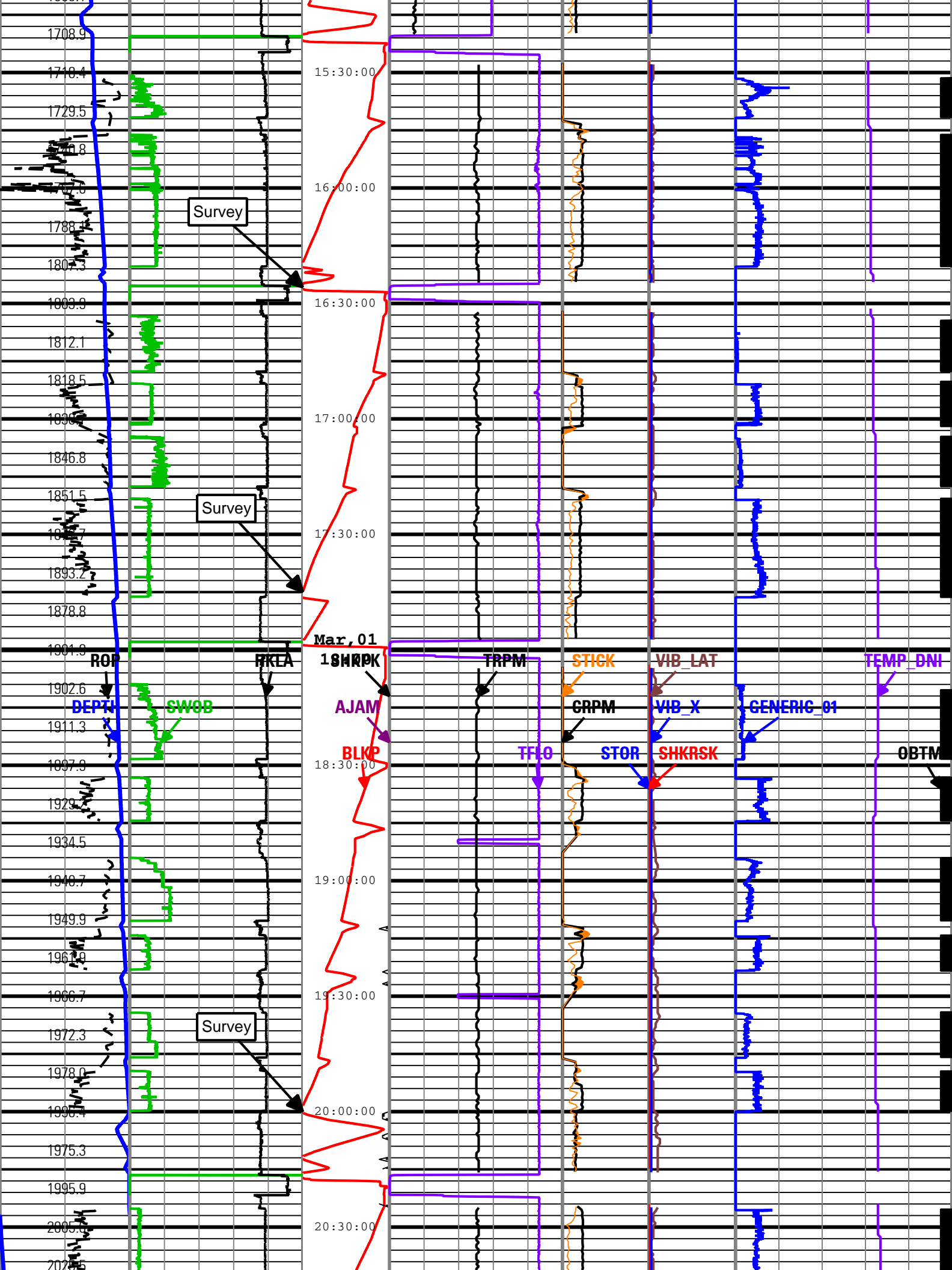


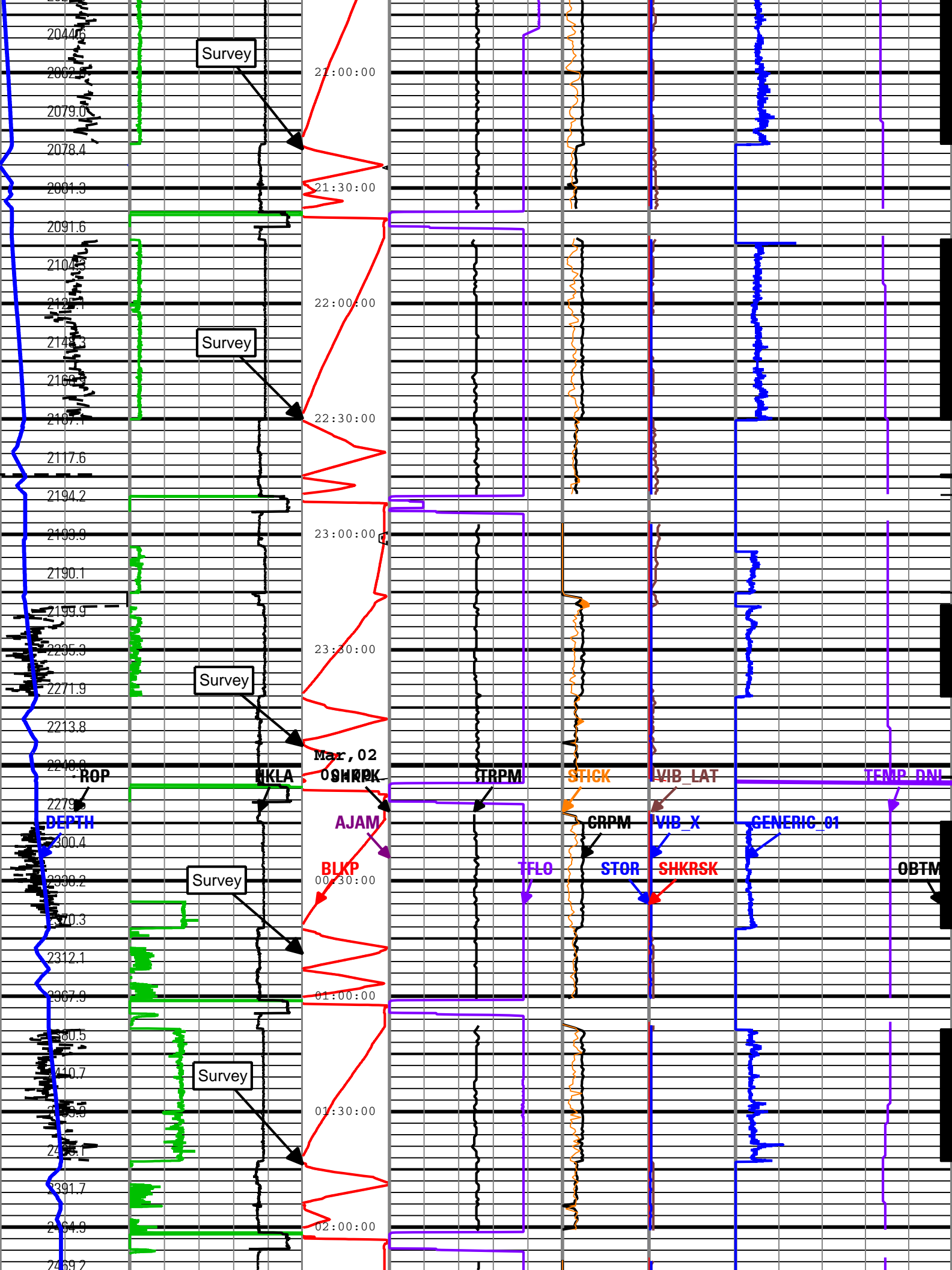


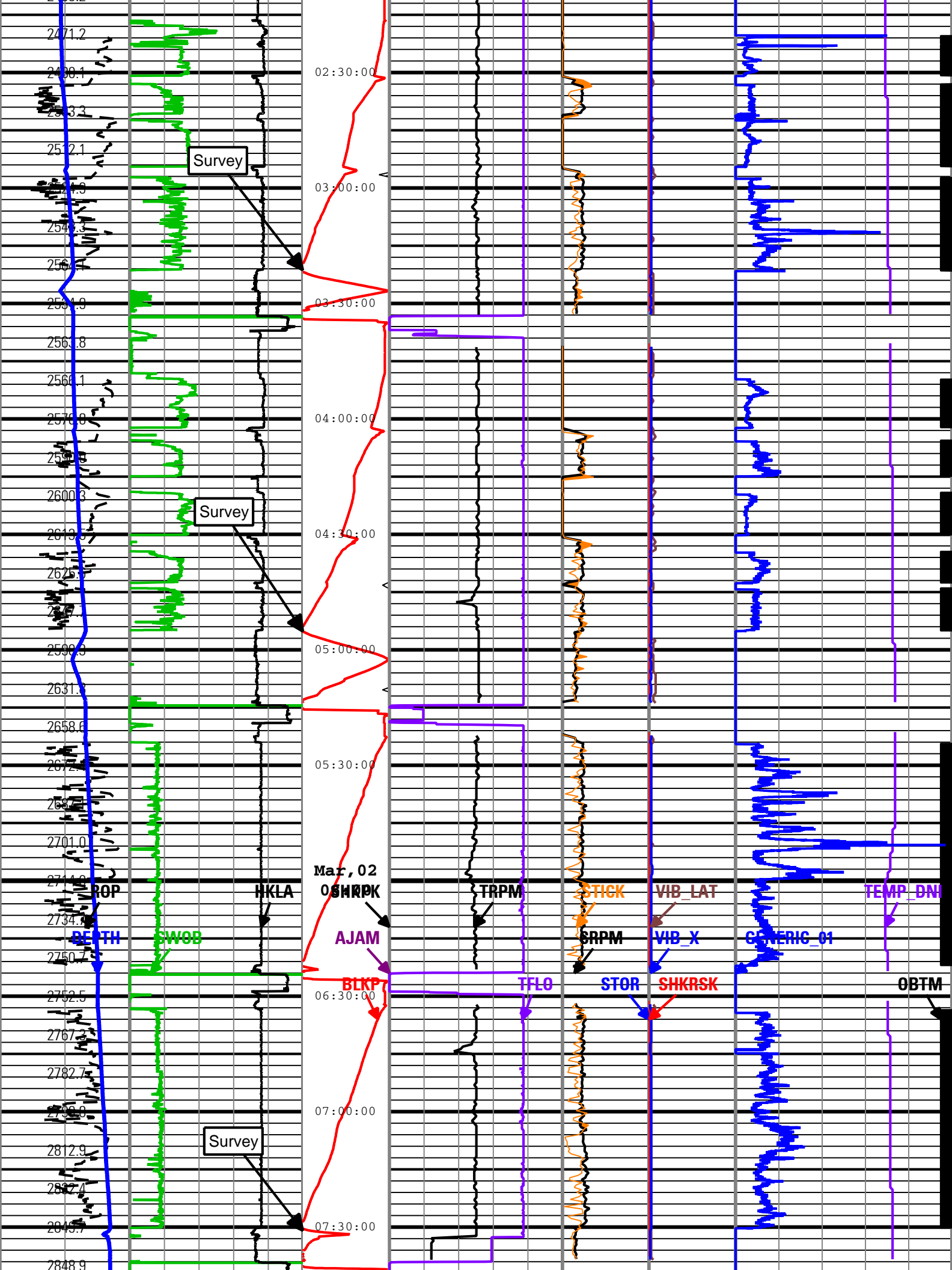


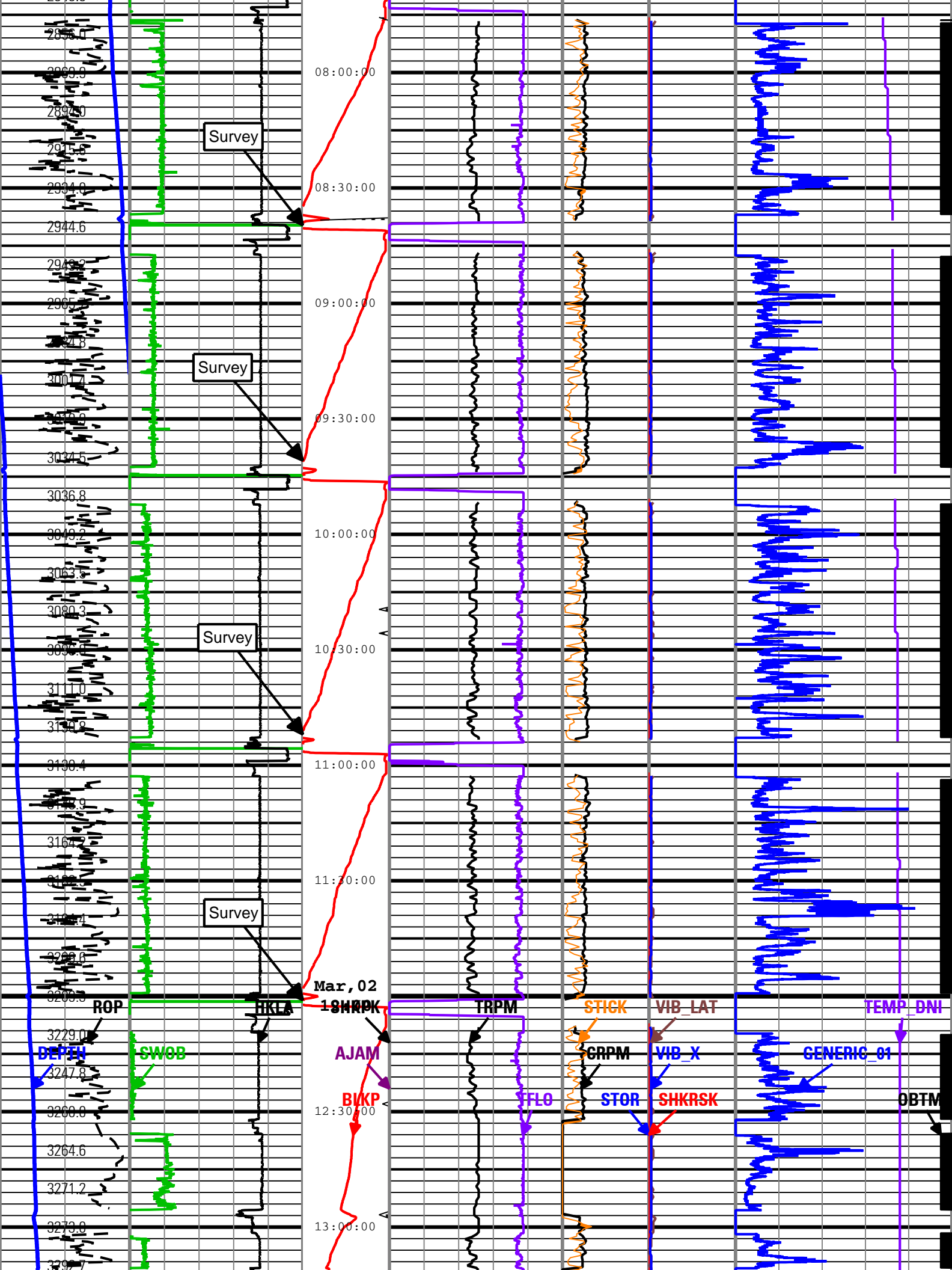


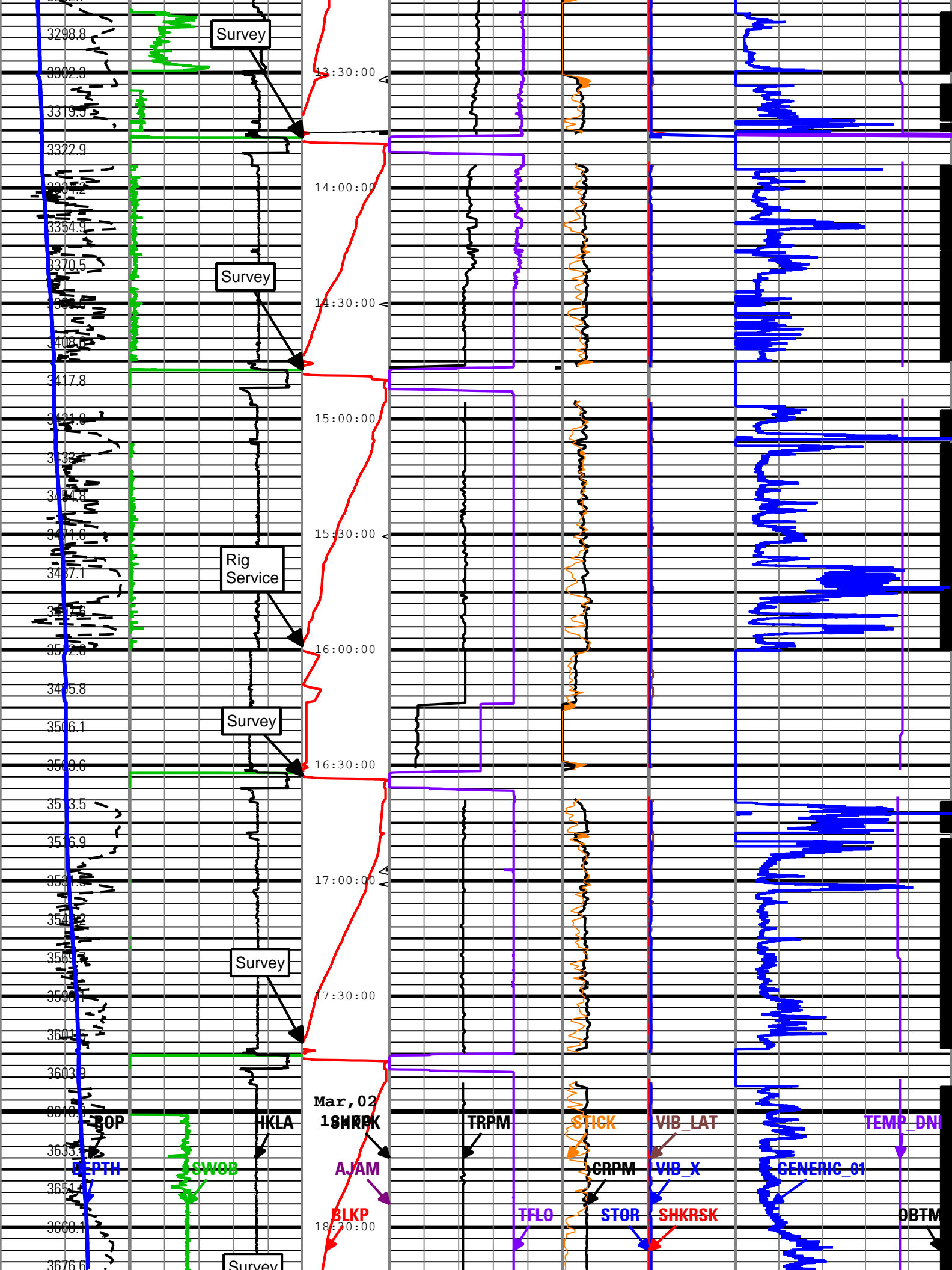


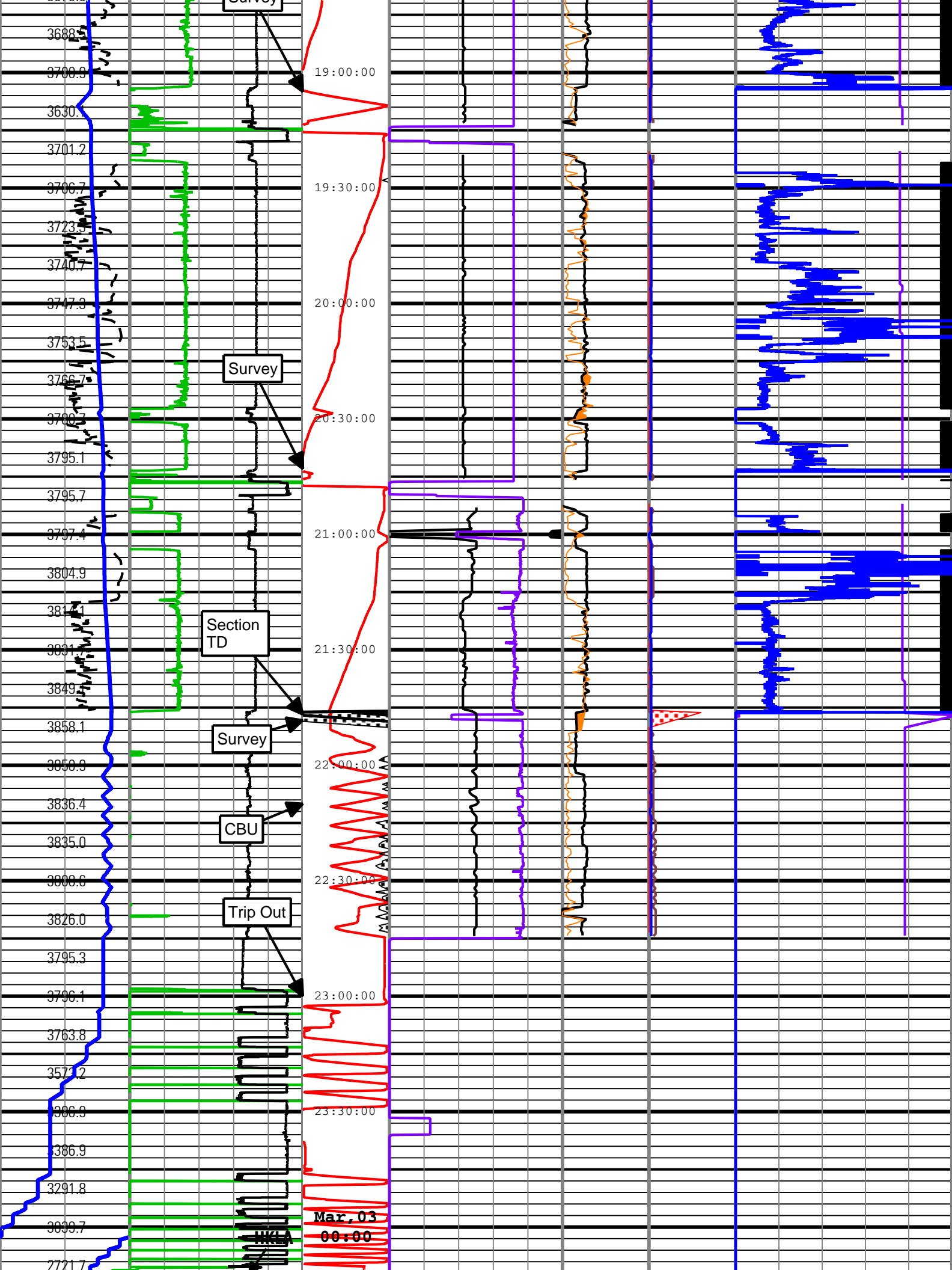


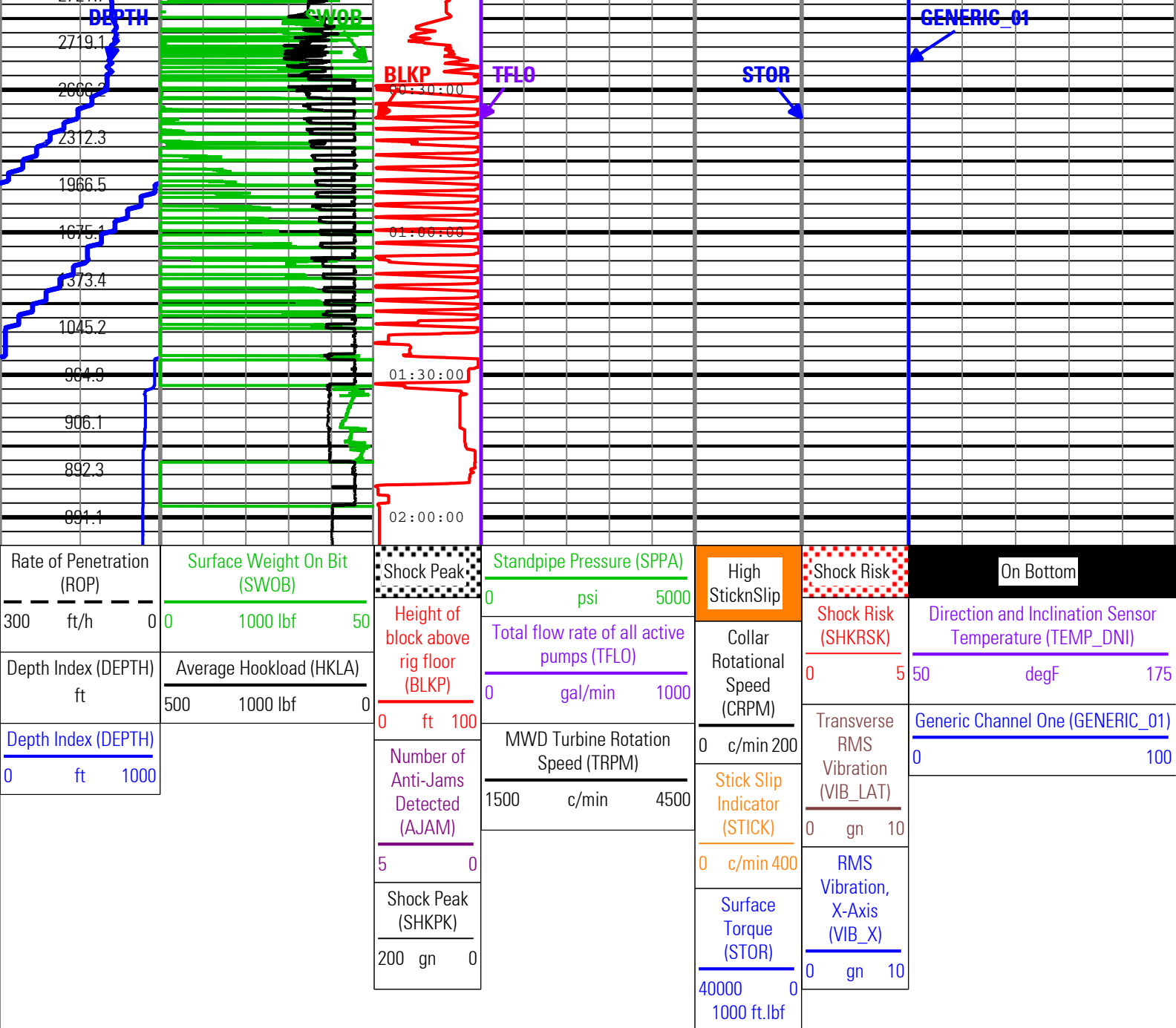












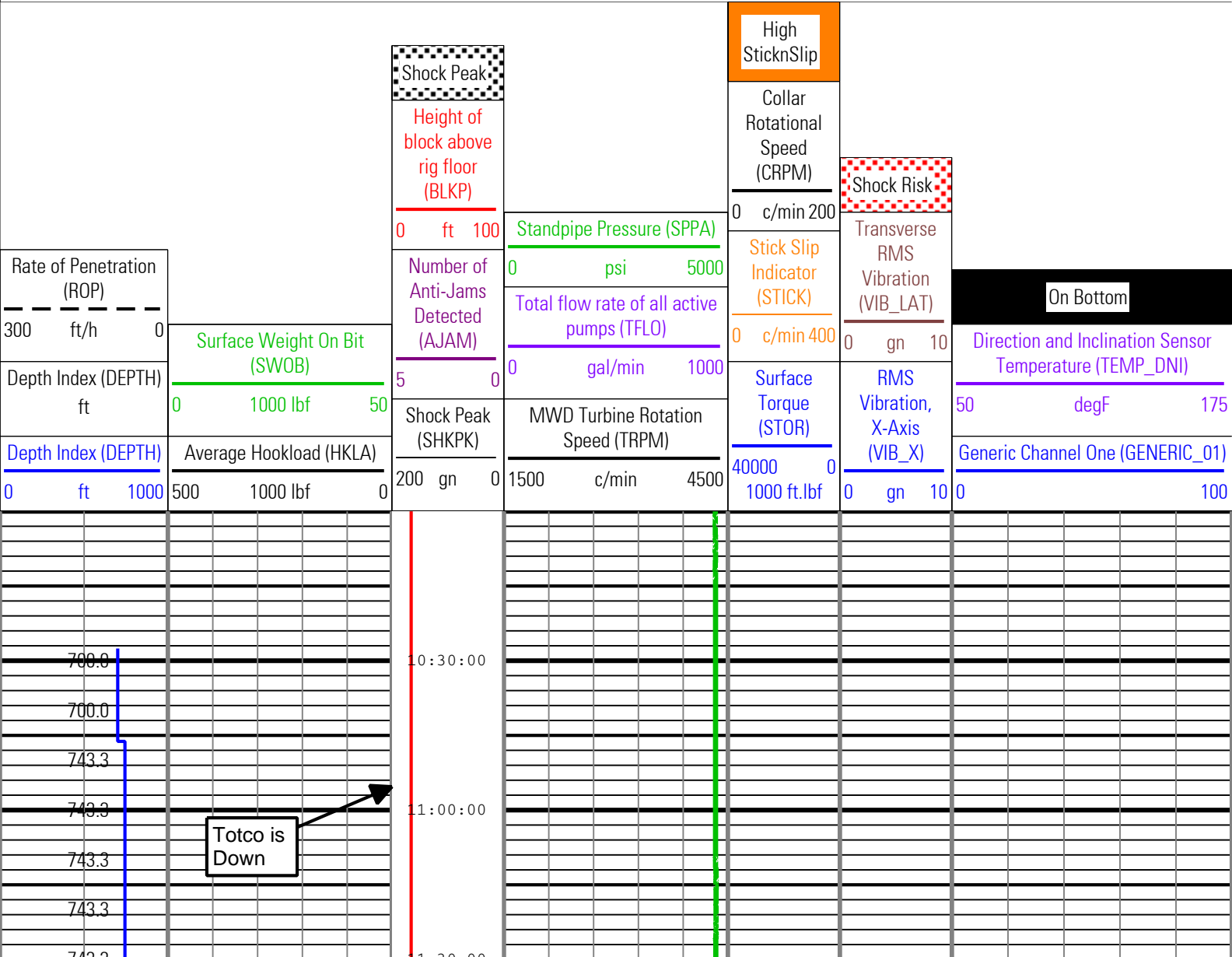
Description: TeleScope + ARC Drilling Mechanics Time RT Format: Log (PERFORM - Drilling Mechanics) Index Scale: 2 in per 3600 s Index Type: Time
Creation Date: 17-Jun-2010 17:30:51

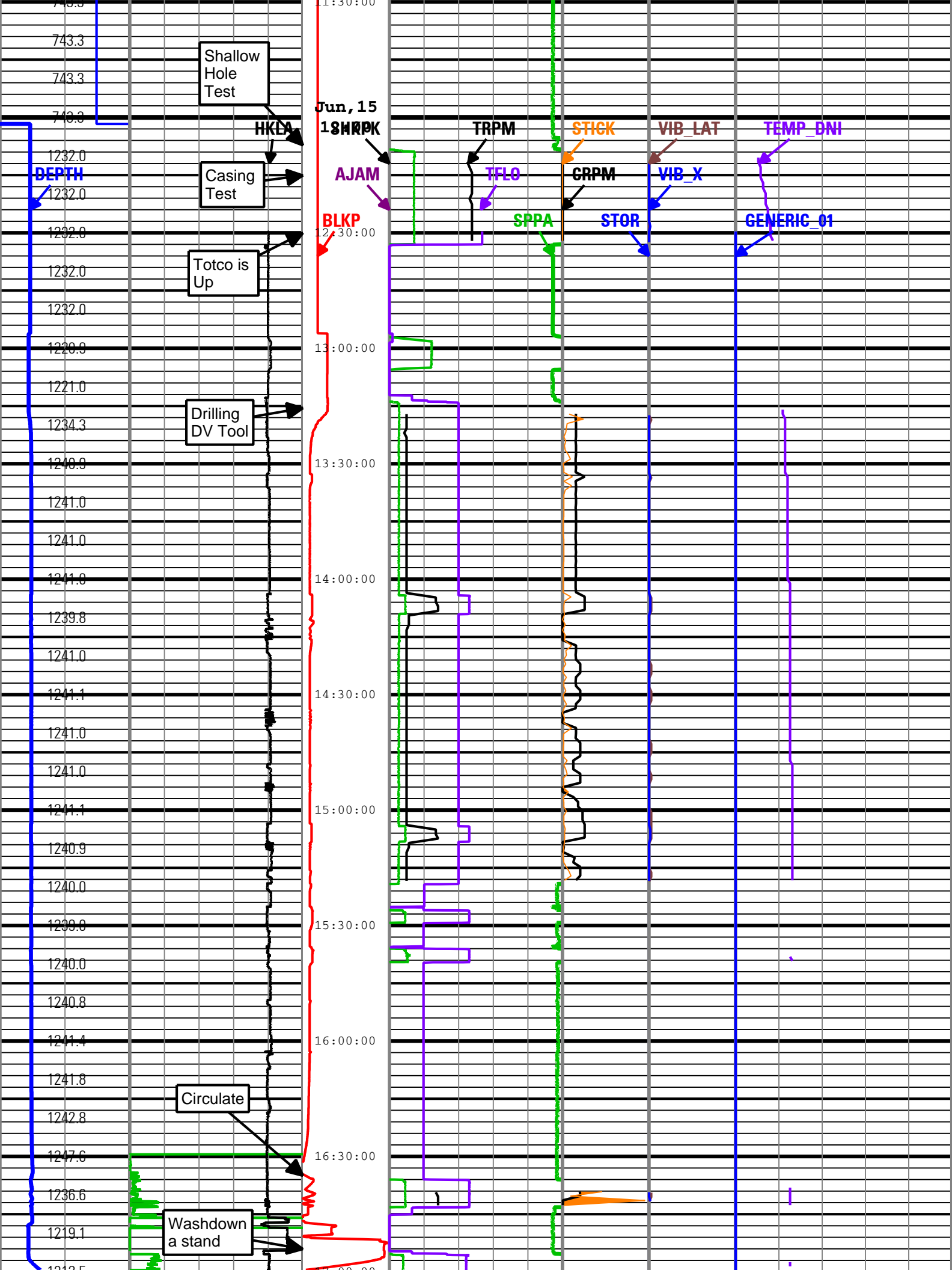
Run 2						
PERFORM - Drilling Mechanics						
Software Version						
Acquisition System				Version		
MaxWell				1.2.8706.0		
Framework Patch				FWK-BGC-20100105-1.2.8706.1067		
Application Patch				APL-SRPC-DnM-1.2.8706.1045		
Tool Elements		Description		Software Version		Firmware Version
DRILLING_SURFACE		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	14-Jun-2010 23:14:59		14-Jun-2010	23:14:59

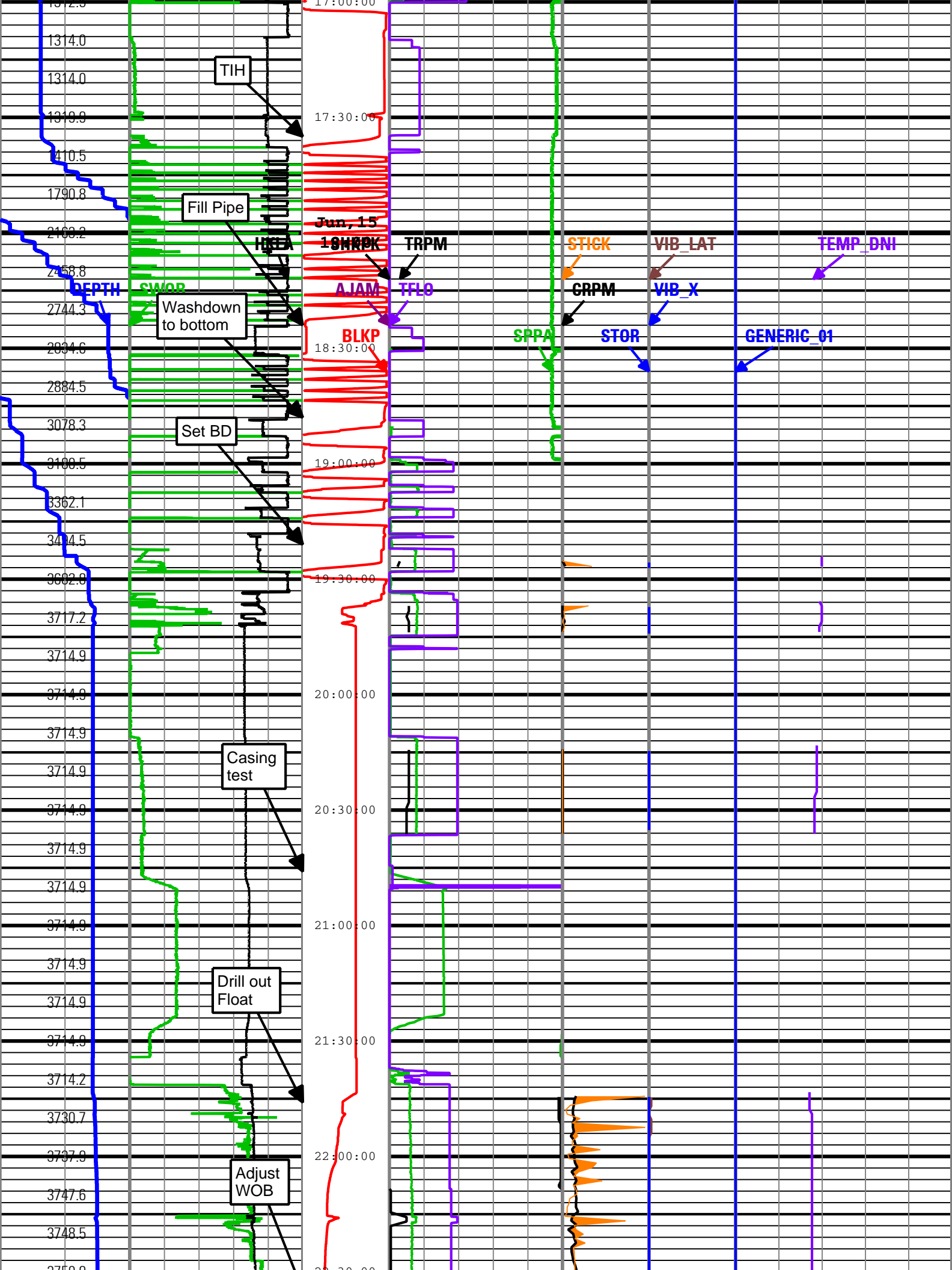
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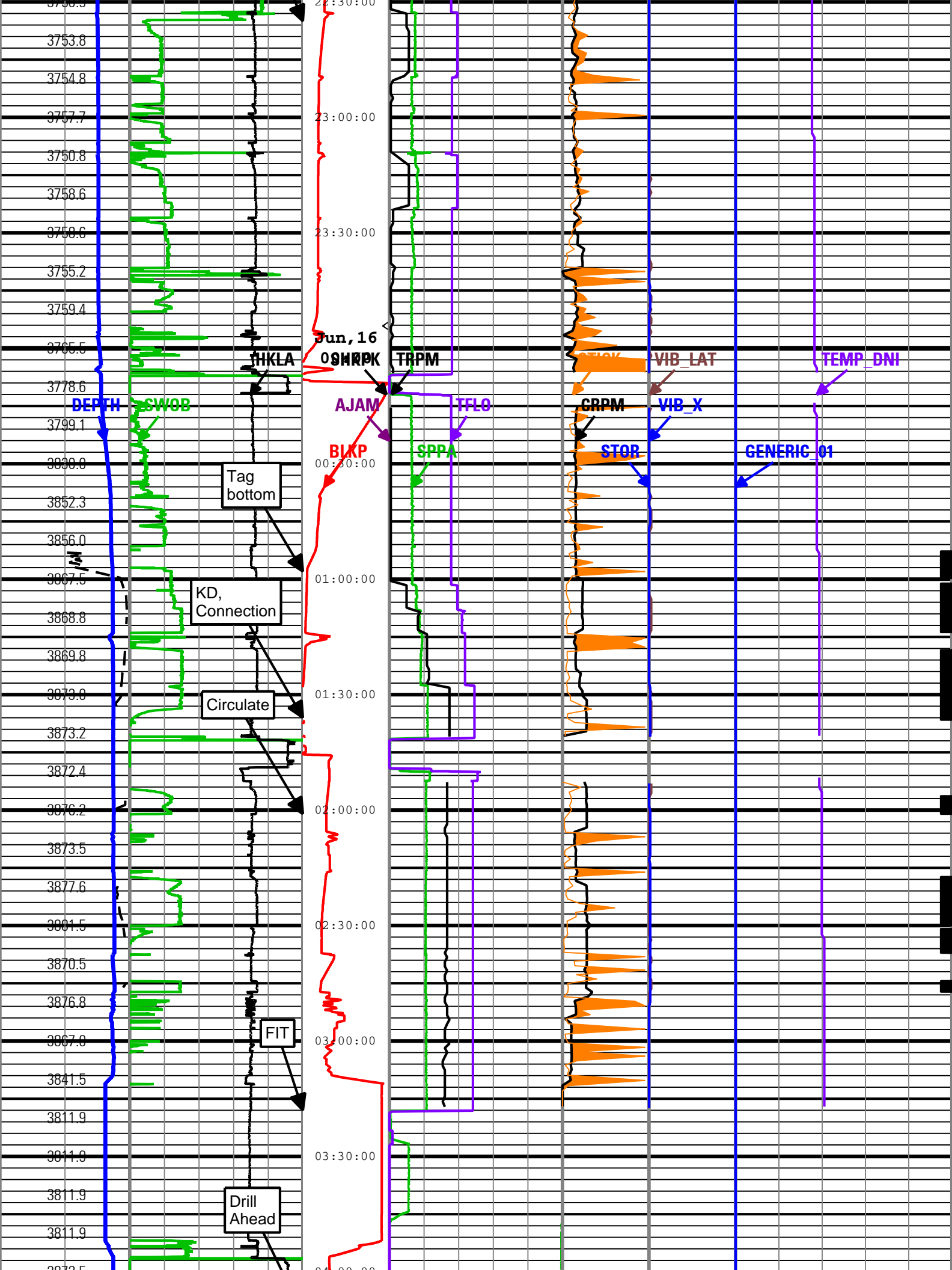
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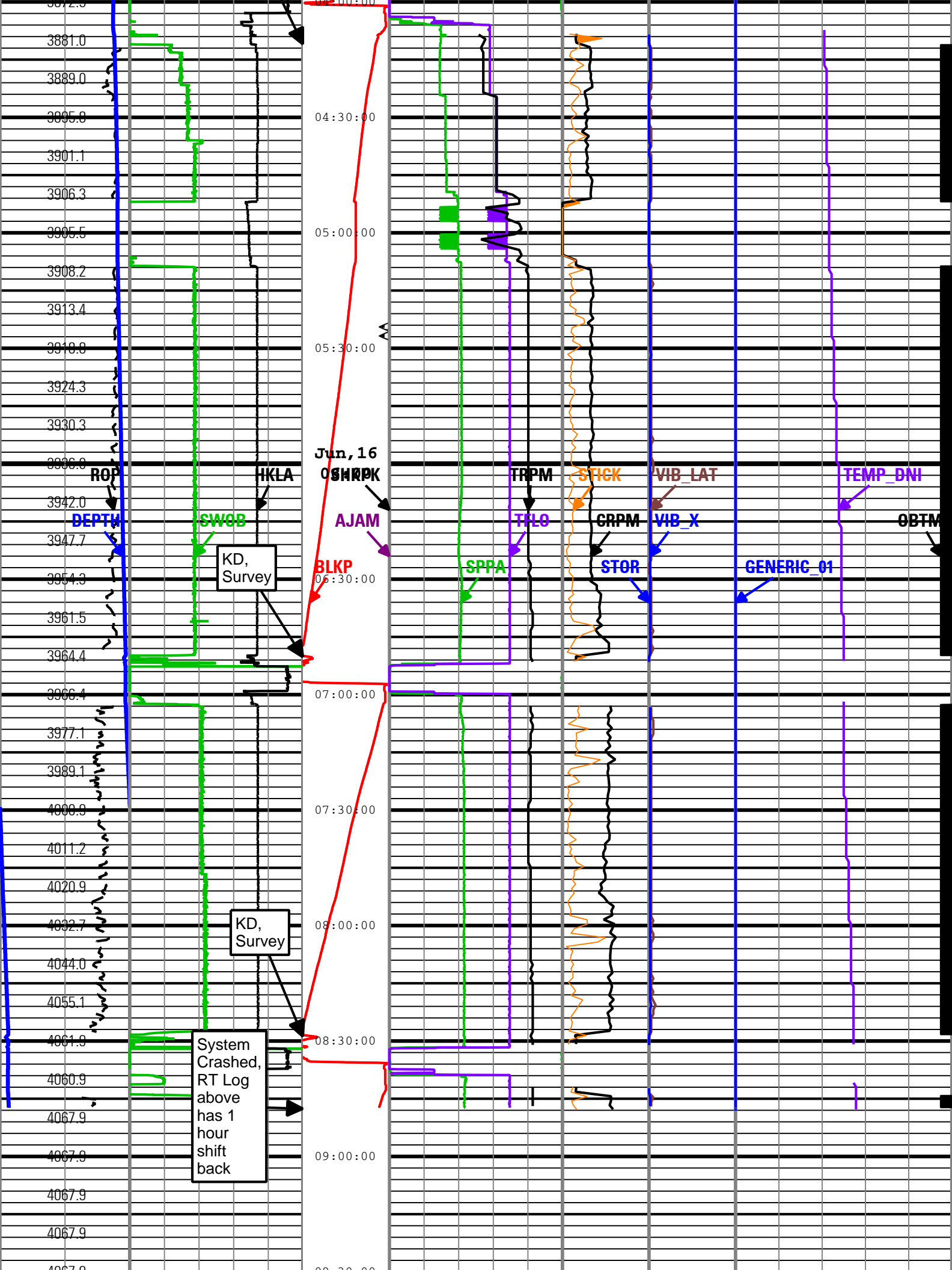
AJAM	TELE675:TELE675	ACQ - RT
BLKP	DRILLING_SURFACE	ACQ - RT
CRPM	TELE675:TELE675	ACQ - RT
DEPTH	DnMWorkflow	ACQ - RT
GENERIC_01	DRILLING_SURFACE	ACQ - RT
HKLA	DRILLING_SURFACE	ACQ - RT
OBTM	DnMWorkflow	ACQ - RT
ROP	DRILLING_SURFACE	ACQ - RT
SHKPK	TELE675:TELE675	ACQ - RT
SPPA	DRILLING_SURFACE	ACQ - RT
STICK	TELE675:TELE675	ACQ - RT
STOR	DRILLING_SURFACE	ACQ - RT
SWOB	DRILLING_SURFACE	ACQ - RT
TEMP_DNI	TELE675:TELE675	ACQ - RT
TFLO	DRILLING_SURFACE	ACQ - RT
TRPM	TELE675:TELE675	ACQ - RT
VIB_LAT	TELE675:TELE675	ACQ - RT
VIB_X	TELE675:TELE675	ACQ - RT

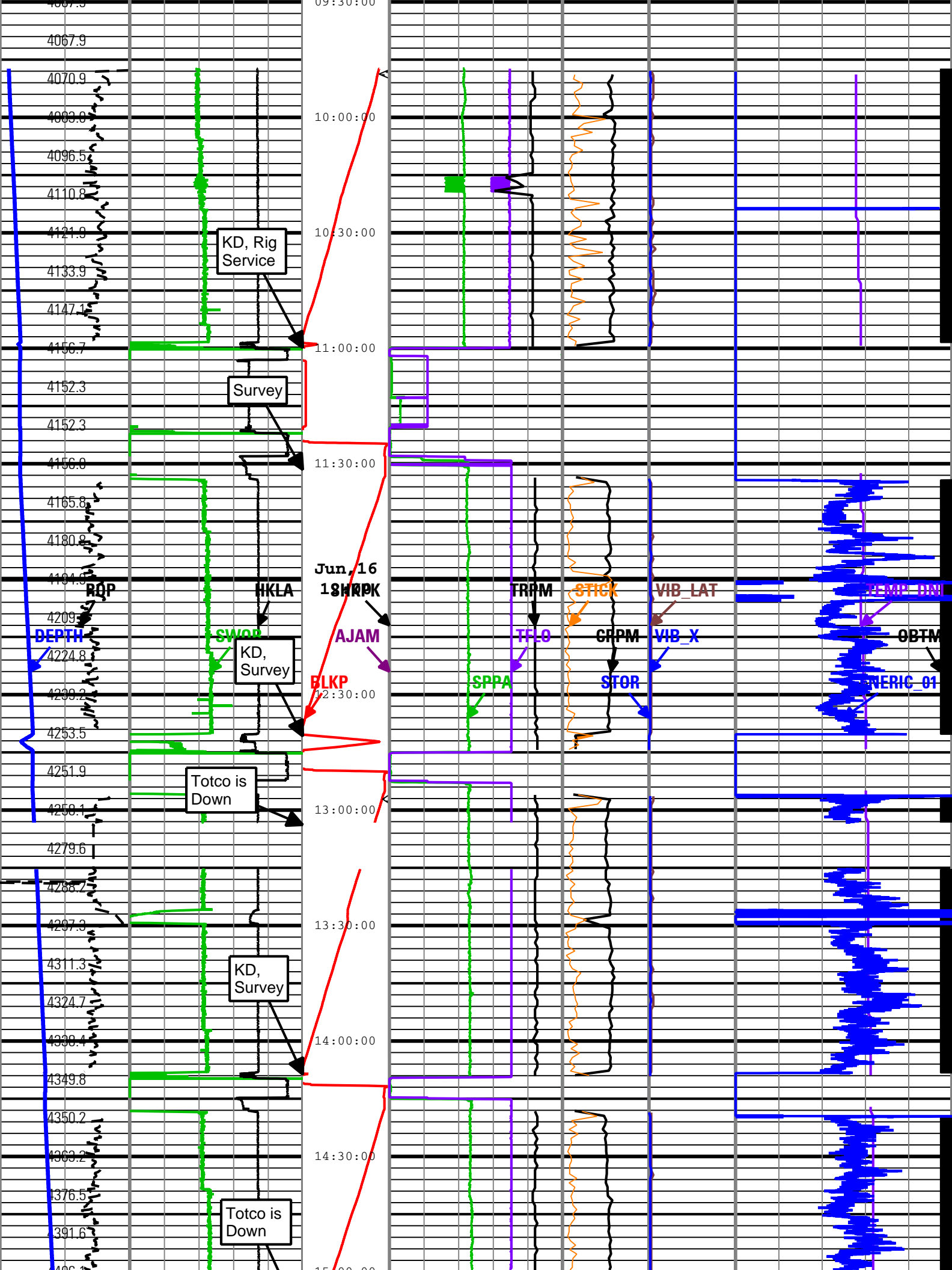


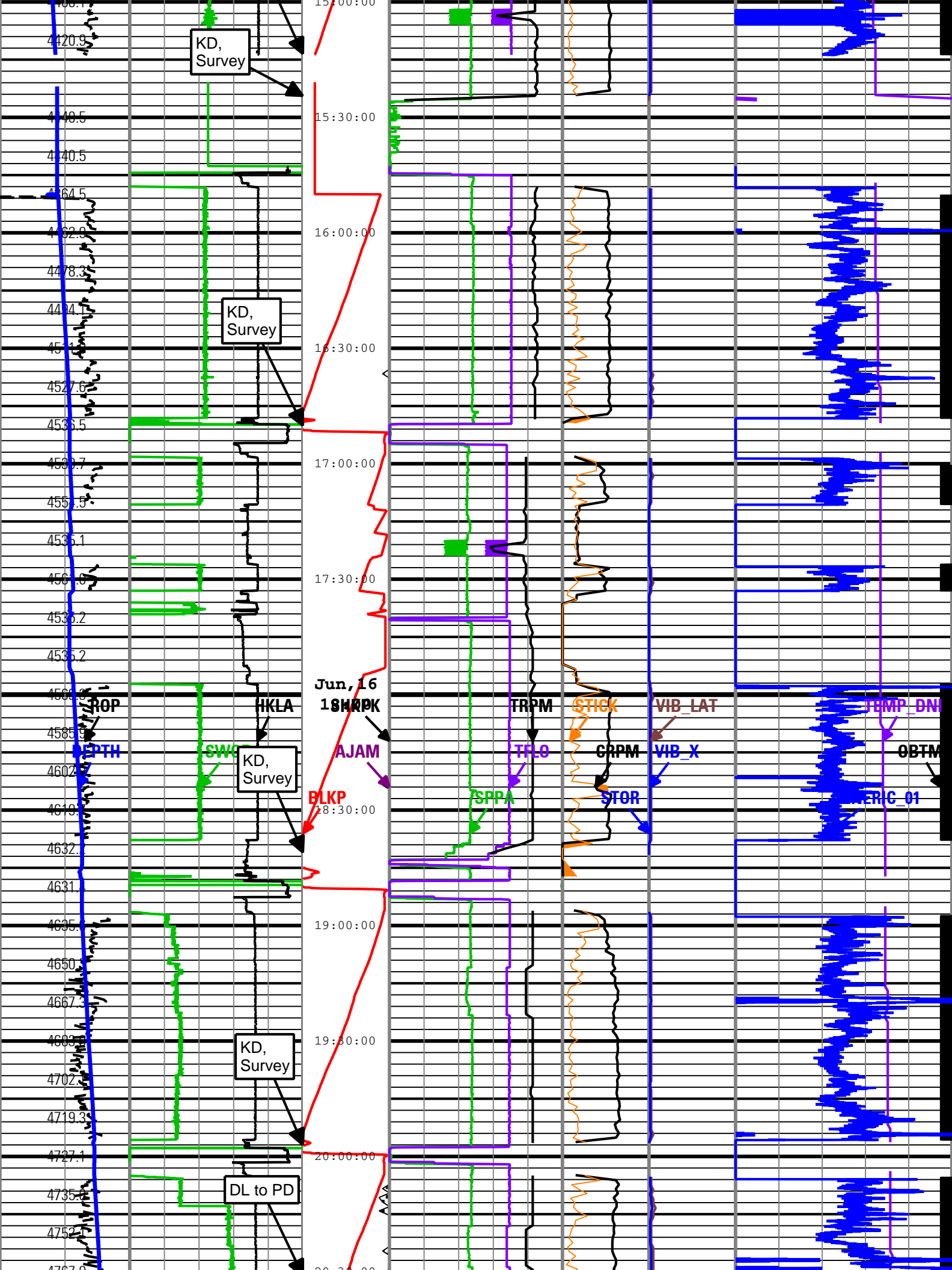


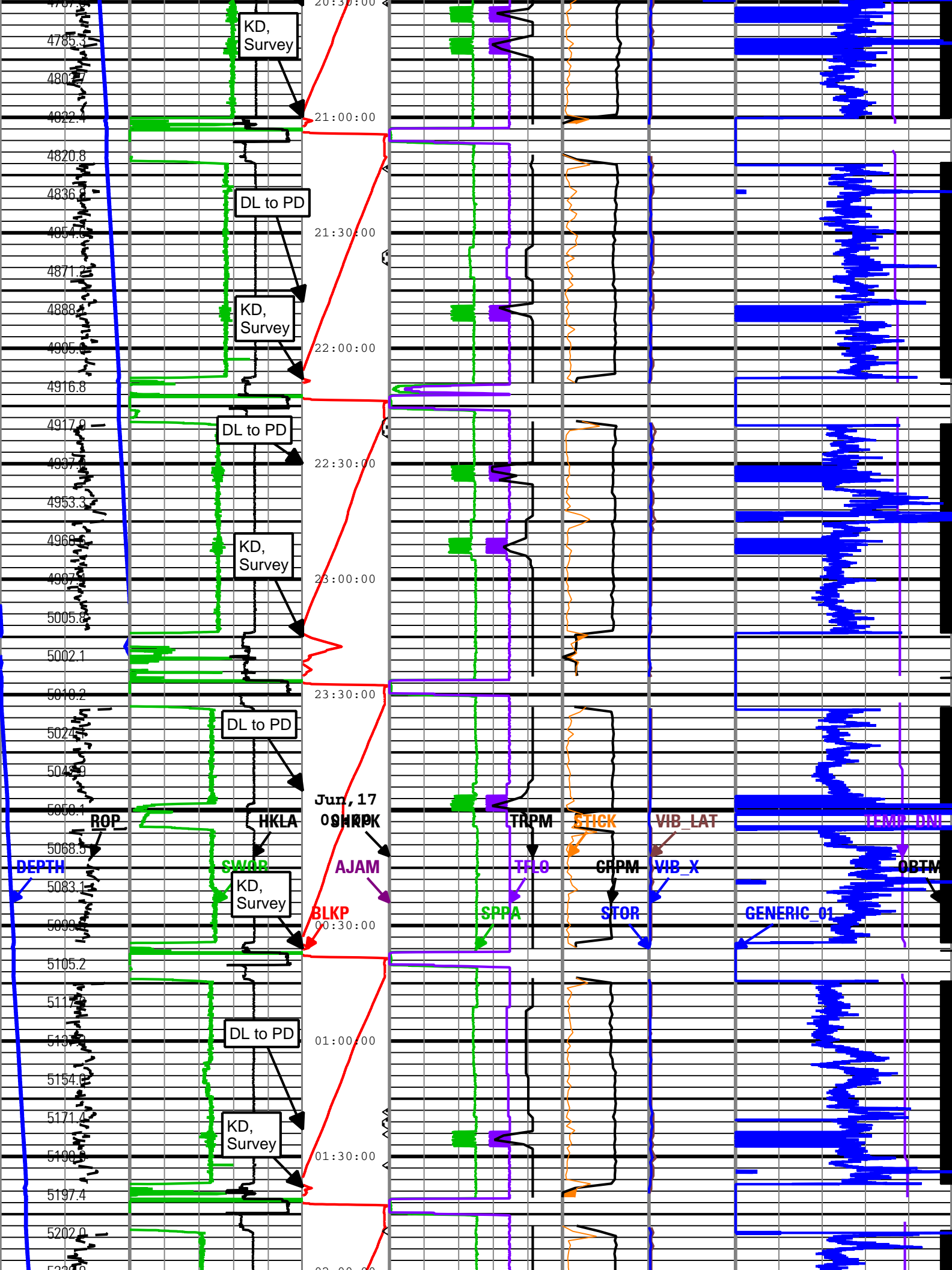


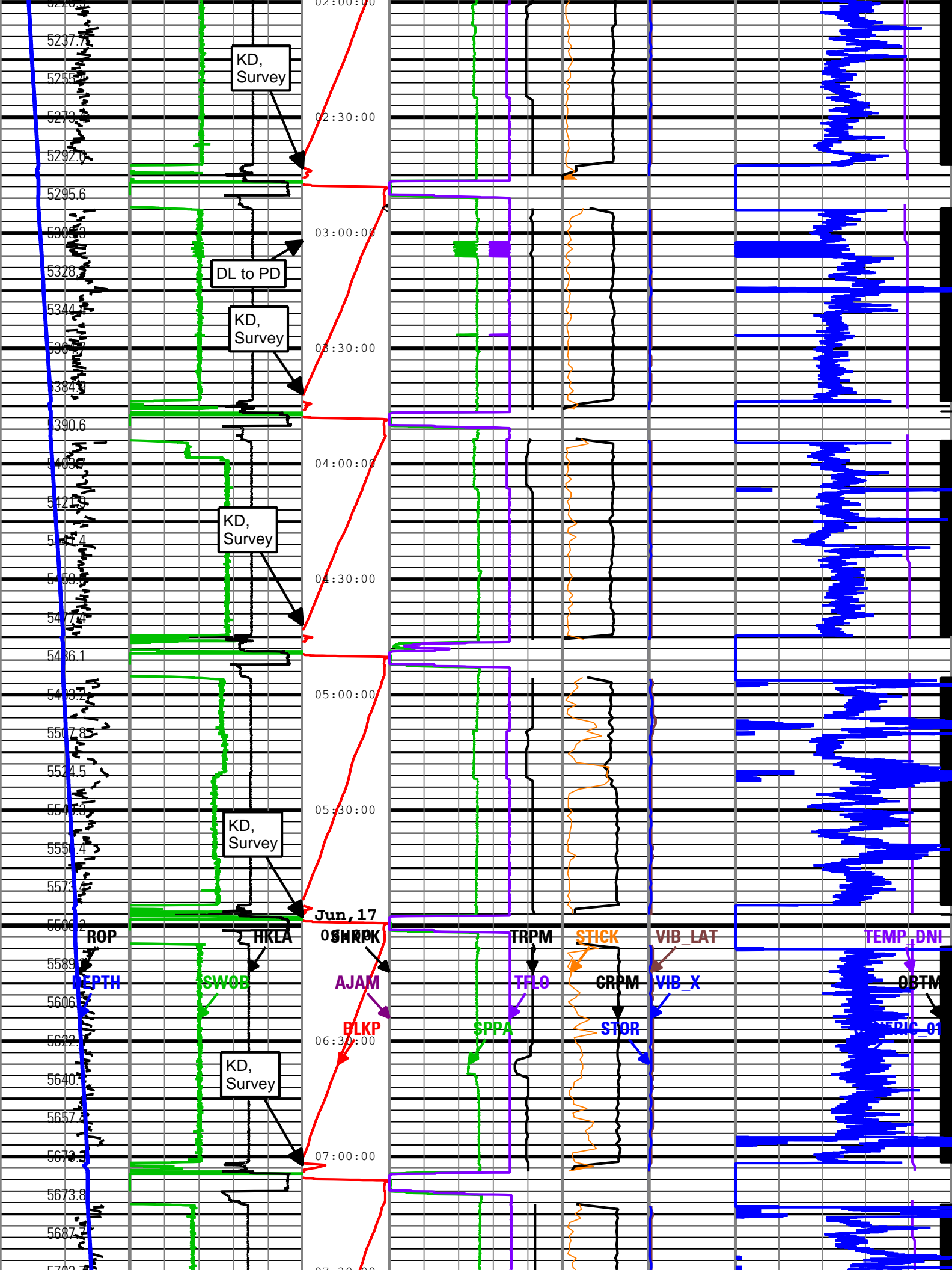


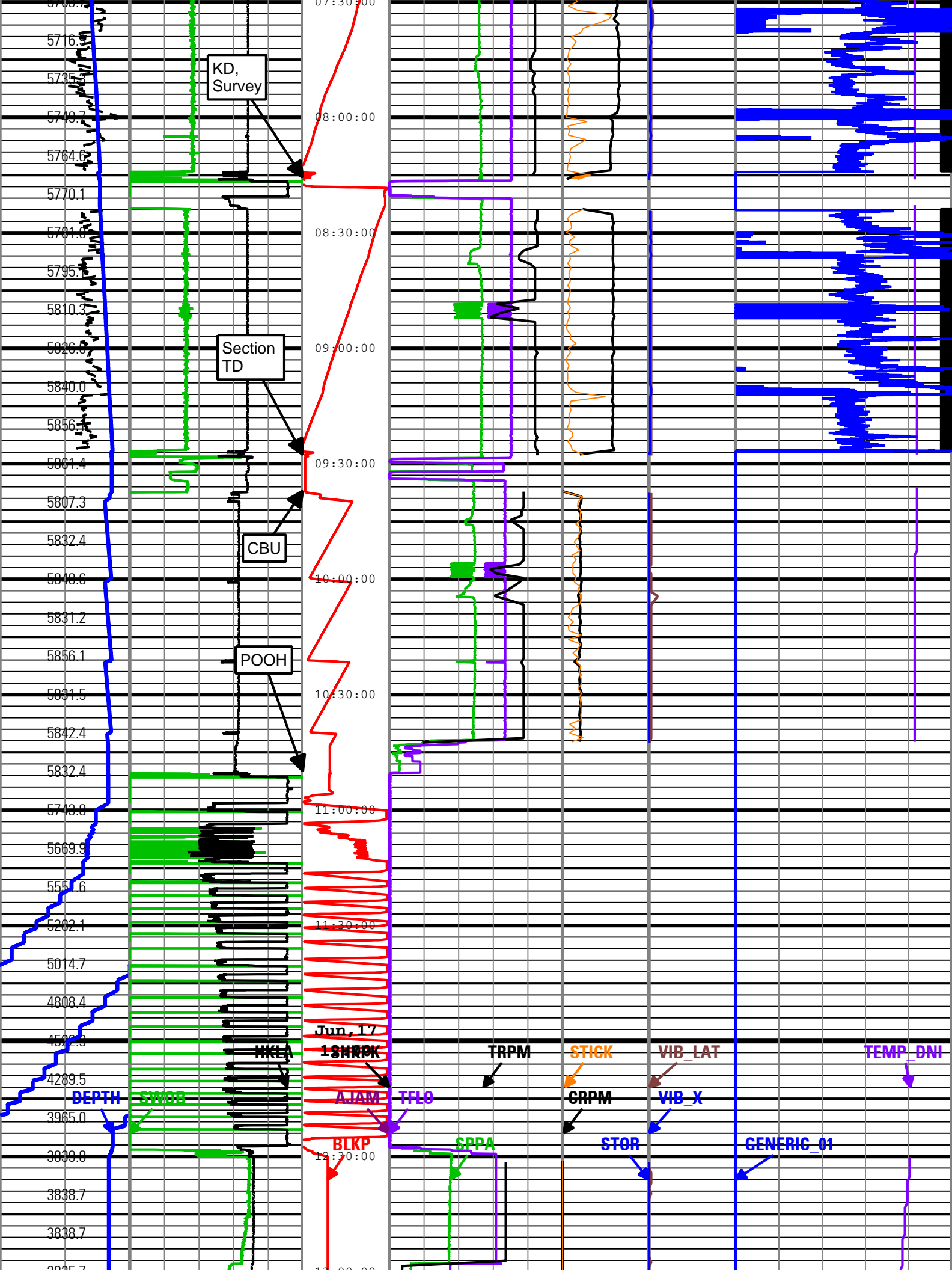


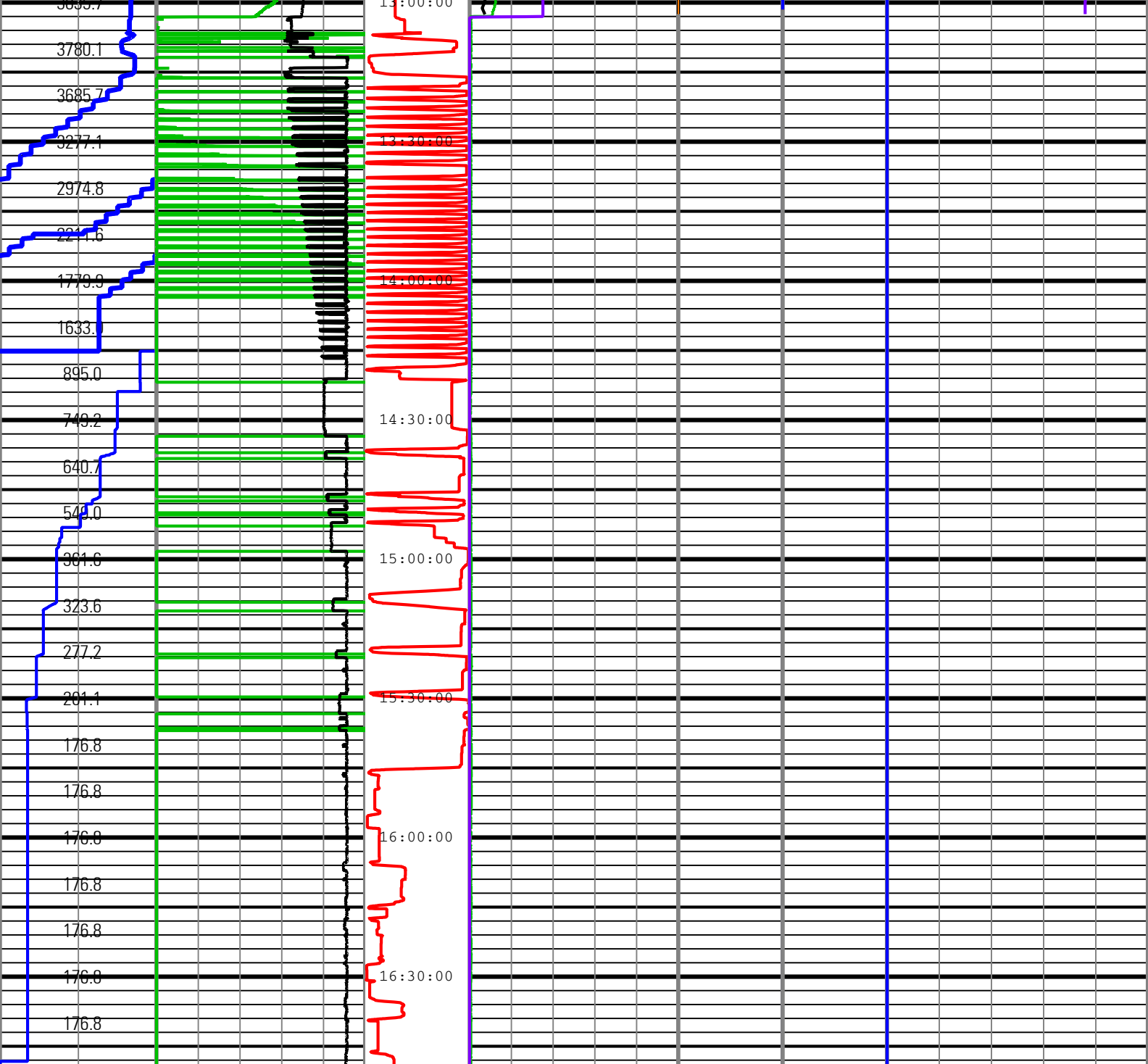













Rate of Penetration (ROP)	Surface Weight On Bit (SWOB)	Shock Peak	Standpipe Pressure (SPPA)	High SticknSlip	Shock Risk	On Bottom
300 ft/h 0	0 1000 lbf 50	Height of block above rig floor (BLKP)	0 psi 5000	Collar Rotational Speed (CRPM)	Transverse RMS Vibration (VIB_LAT)	Direction and Inclination Sensor Temperature (TEMP_DNI)
Depth Index (DEPTH) ft	Average Hookload (HKLA)	0 ft 100	Total flow rate of all active pumps (TFLO)	0 c/min 200	0 gn 10	50 degF 175
Depth Index (DEPTH)		Number of Anti-Jams Detected (AJAM)	MWD Turbine Rotation Speed (TRPM)	Stick Slip Indicator (STICK)	RMS Vibration, X-Axis (VIB_X)	Generic Channel One (GENERIC_01)
0 ft 1000		5 0	1500 c/min 4500	0 c/min 400	0 gn 10	0 100
		Shock Peak (SHKPK)		Surface Torque (STOR)		
		200 gn 0		40000 0		
				1000 ft.lbf		

Description: TeleScope + ARC Drilling Mechanics Time RT Format: Log (PERFORM - Drilling Mechanics) Index Scale: 2 in per 3600 s Index Type: Time Creation Date: 17-Jun-2010 17:31:00				
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	15-Jun-2010 10:00:00	15-Jun-2010 10:27:22	
OFFBTM_TH	0.1	15-Jun-2010 10:27:22	16-Jun-2010 02:03:06	
OFFBTM_TH	0.2	16-Jun-2010 02:03:06	16-Jun-2010 17:26:18	
OFFBTM_TH	0.3	16-Jun-2010 17:26:18	17-Jun-2010 12:55:09	
<div><div><div>Company:</div><div>ExxonMobil Oil Corporation</div></div><div><div>Well:</div><div>Piceance Creek Unit 197 34A3</div></div><div><div>Field:</div><div>Piceance Creek</div></div><div><div>County:</div><div>Rio Blanco</div></div><div><div>State:</div><div>Colorado</div></div><div><div>Country:</div><div>U.S.A.</div></div><div></div></div>				
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