

Schlumberger

VISION Resistivity

1:500 True Vertical Depth

Real Time Data

Company: ROC Oil

Well: Basker-7

Field: Gippsland Basin

Rig Name: Ocean Patriot

State: Victoria

Country: AUSTRALIA

Latitude: 38° 17' 58.78" S

Longitude: 148° 42' 22.31" E

Block:

FL: VIC/L26

FL1:

FL2:

Custom: 09ASQ0007

Rig Name: Ocean Patriot

Rig Type: Semi-Submersible

Log Measured From - Drill Floor: 21.5 m
Permanent Datum - Mean Sea Level



Casing Flange: 152.7 m

Ground Level: 154.2 m

Acquisition Dates: 23 Jul 09 to 03 Aug 09

Print Interval: 2470.0(m) to 3311.9(m)

Index Types: True Vertical Depth

Index Scales: 1:500

Depth Source: Driller's Depth

Depth Sensor: DES

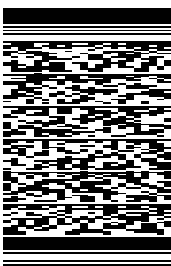
Conveyance: Drill Pipe

Print Type: Field

Spud Date: 21-Jul-2009

Other Services:

Directional Surveys



Disclaimer

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Well Composite

VISION Resistivity Basker-7

Software Version

Acquisition System		Version	
MaxWell		1.2.8702.0	
Application Patch		APL-SPC-DnMSuperKit-1.2.8702.1000	
Computation	Description	Version	
RAB6GR	RAB6 Gamma Ray Computation Package for both Real-time and Recorded Mode	1.2.8702.0	
RAB6Res	RAB6 Resistivity Computation Package for both Real-time and Recorded Mode	1.2.8702.0	
Tool Elements	Description	Software Version	Firmware Version
RBEC	Electronics Chassis Assembly for RAB6-C	1.2.8702.0	V6.2B
DRILLING_SURFACE	DRILLING_SURFACE	1.2.8702.0	

Composite Summary

Run Name	Pass Objective	Direction	Top	Bottom	Acquisition Start Date	Acquisition Start Time
Run 2	Drilling	Down	195.25 m	1061.77 m	23-Jul-2009	02:39:59
Run 3	Drilling	Down	1027.73 m	2918.79 m	26-Jul-2009	15:32:43
Run 4	Drilling	Down	2849.80 m	3448.79 m	31-Jul-2009	23:29:56
Run 5	Drilling	Down	3429.74 m	3537.10 m	02-Aug-2009	14:21:58
Run 6	Drilling	Down	3512.77 m		03-Aug-2009	16:53:02

All depths are referenced to toolstring zero

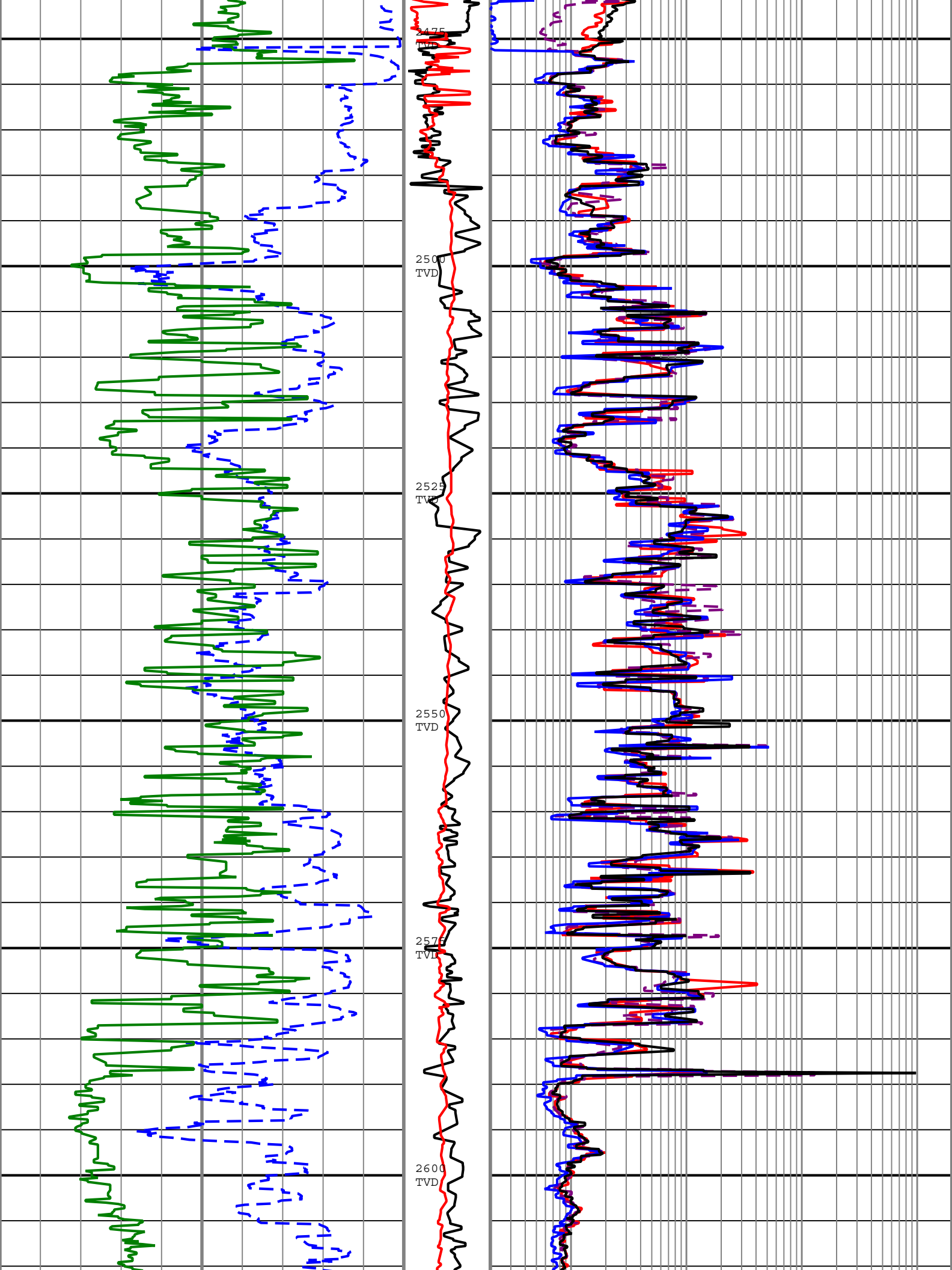
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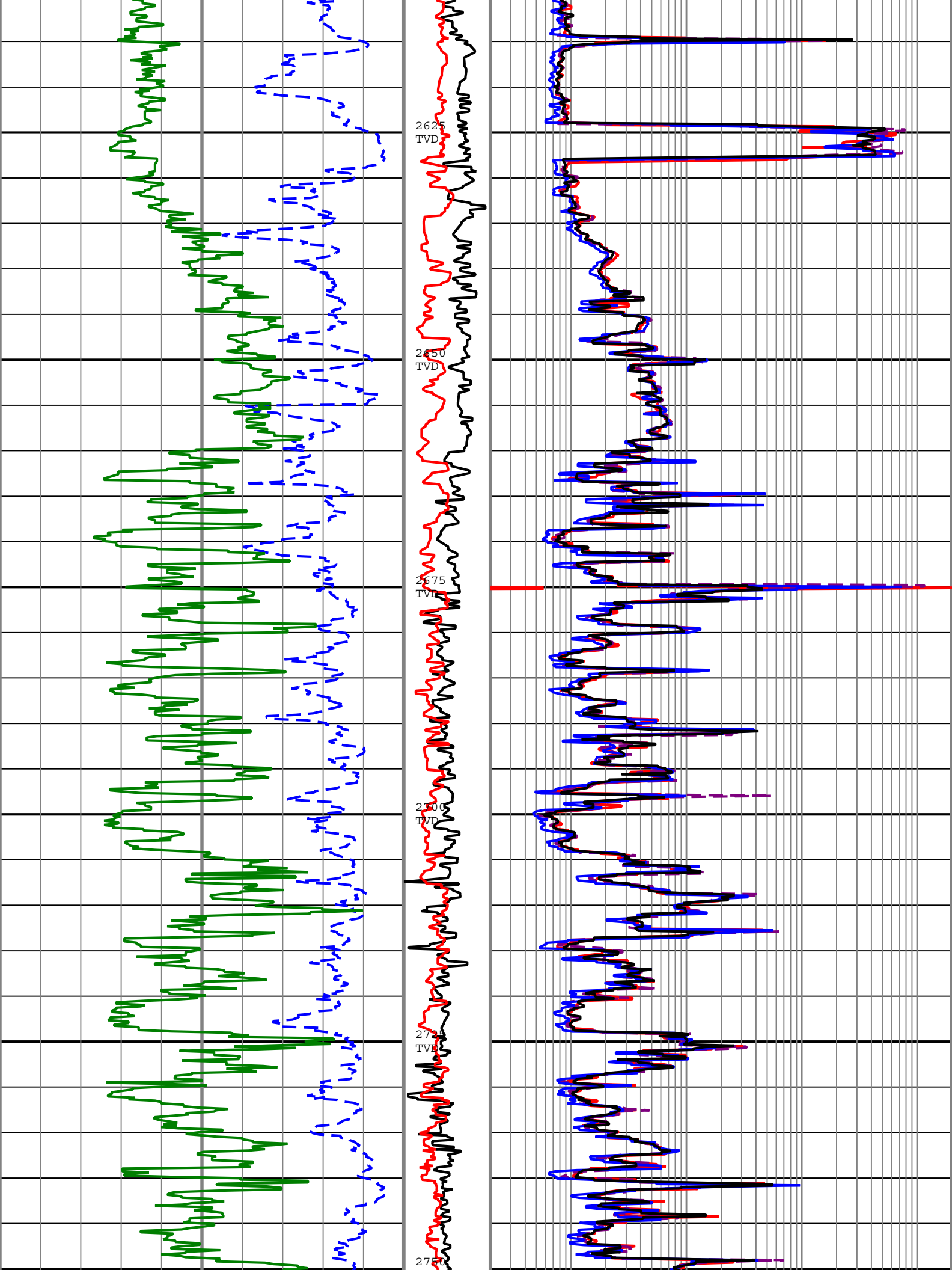
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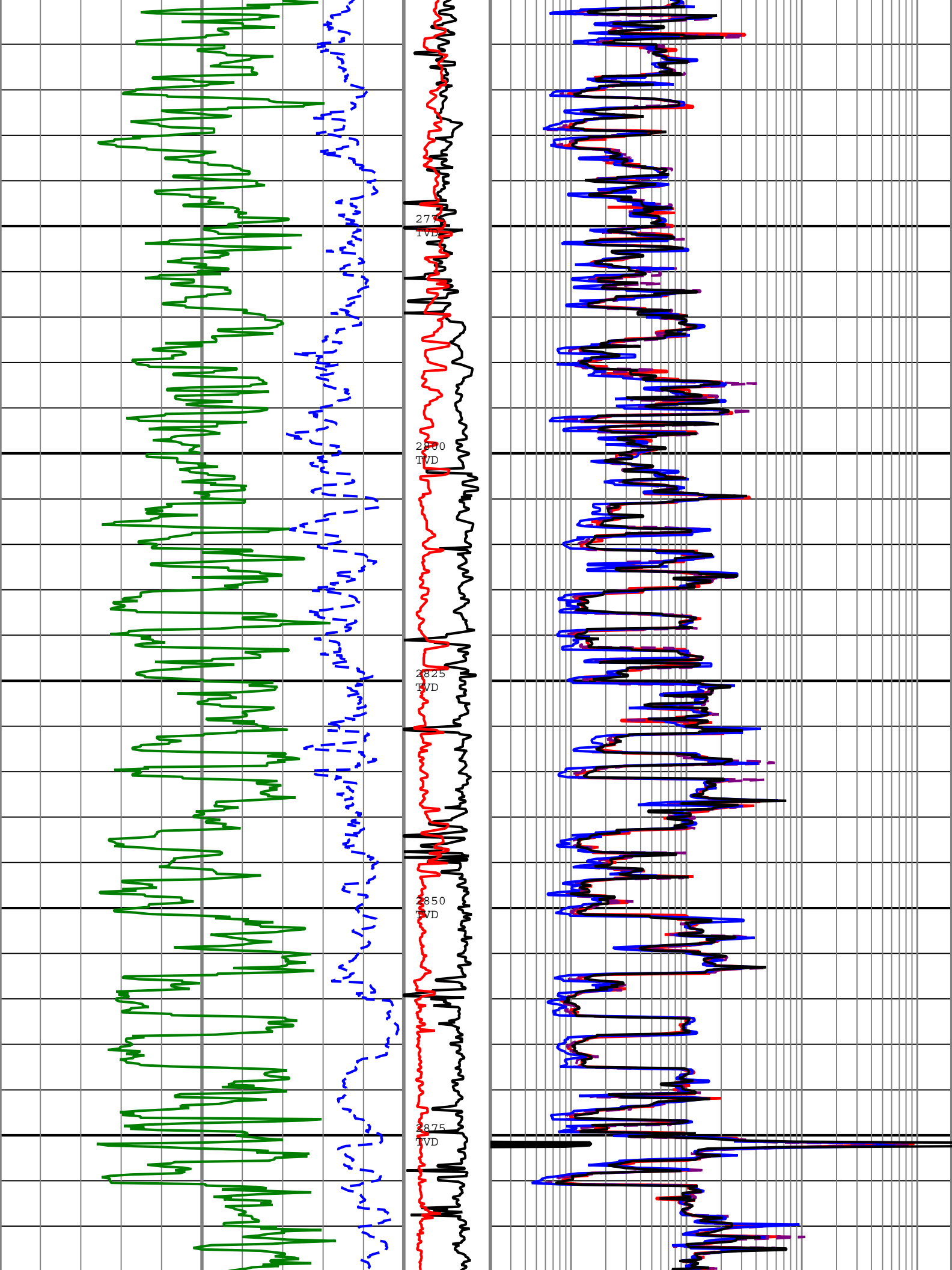
Description: ARC Blended Resistivity RT Format: Log (TVD RT RES-GR Depth) Index Scale: 1:500 Index Unit: m Index Type: TVD Creation Date: 05-Aug-2009 10:54:49

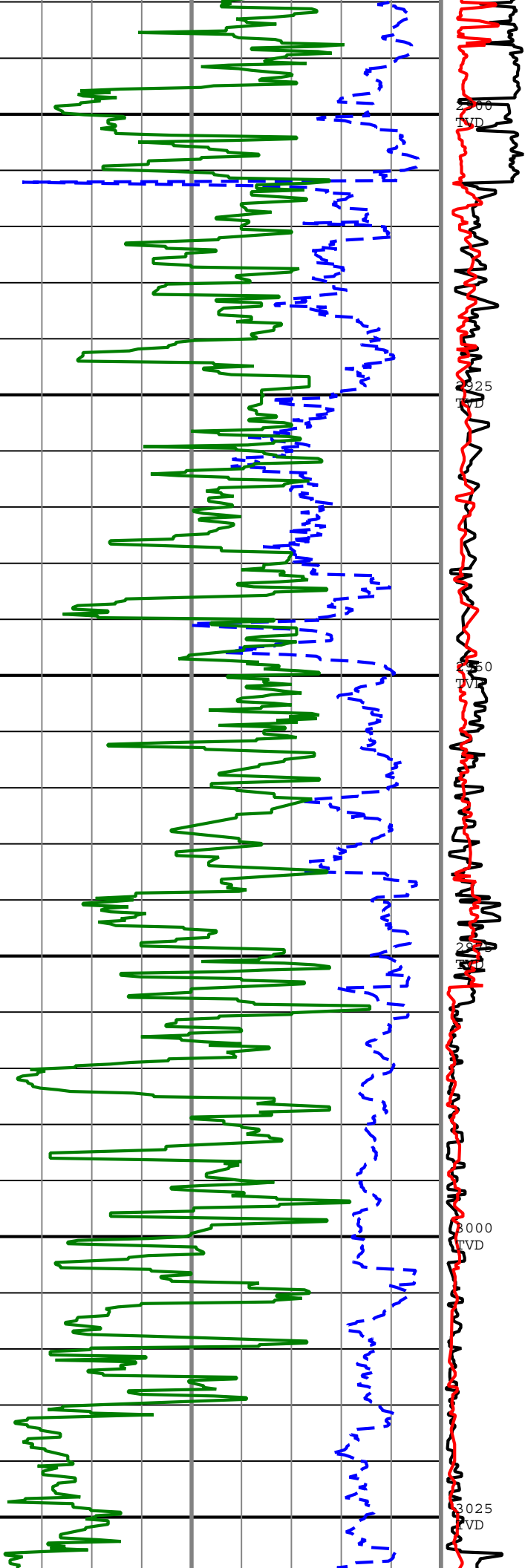
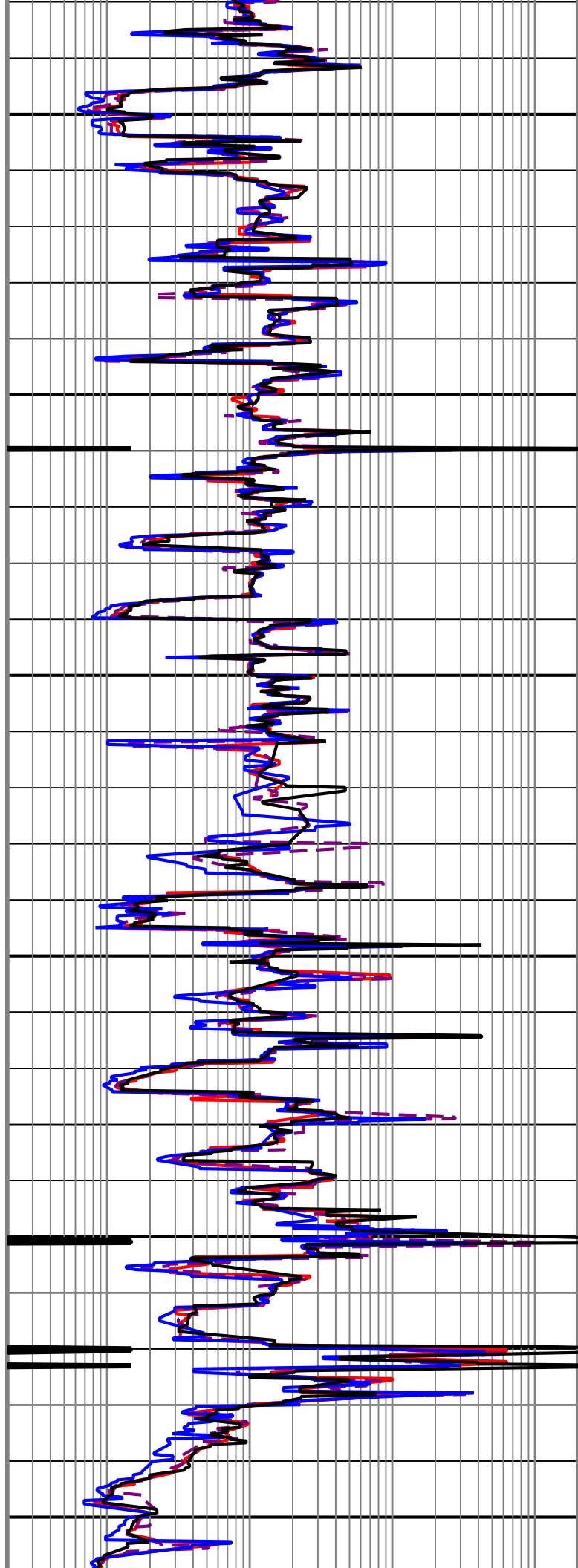
CRPM	TeleScope[1]:TeleScope[1]	6in - RT
GR	RAB[1]:RAB[1]:RBEC[1]	6in - RT
RES_BD	RAB[1]:RAB[1]:RBEC[1]	6in - RT
RES_BM	RAB[1]:RAB[1]:RBEC[1]	6in - RT
RES_BS	RAB[1]:RAB[1]:RBEC[1]	6in - RT
RES_RING	RAB[1]:RAB[1]:RBEC[1]	6in - RT
ROP5	DRILLING_SURFACE	6in - RT
STICK	TeleScope[1]:TeleScope[1]	6in - RT

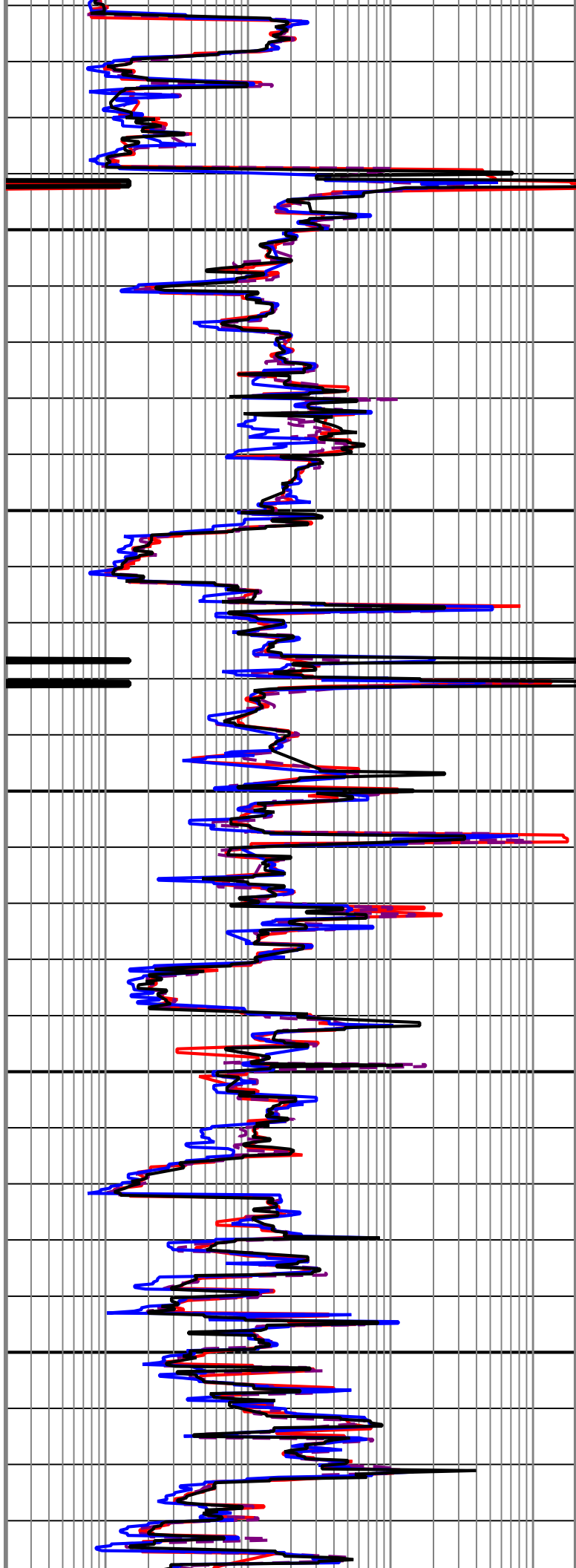
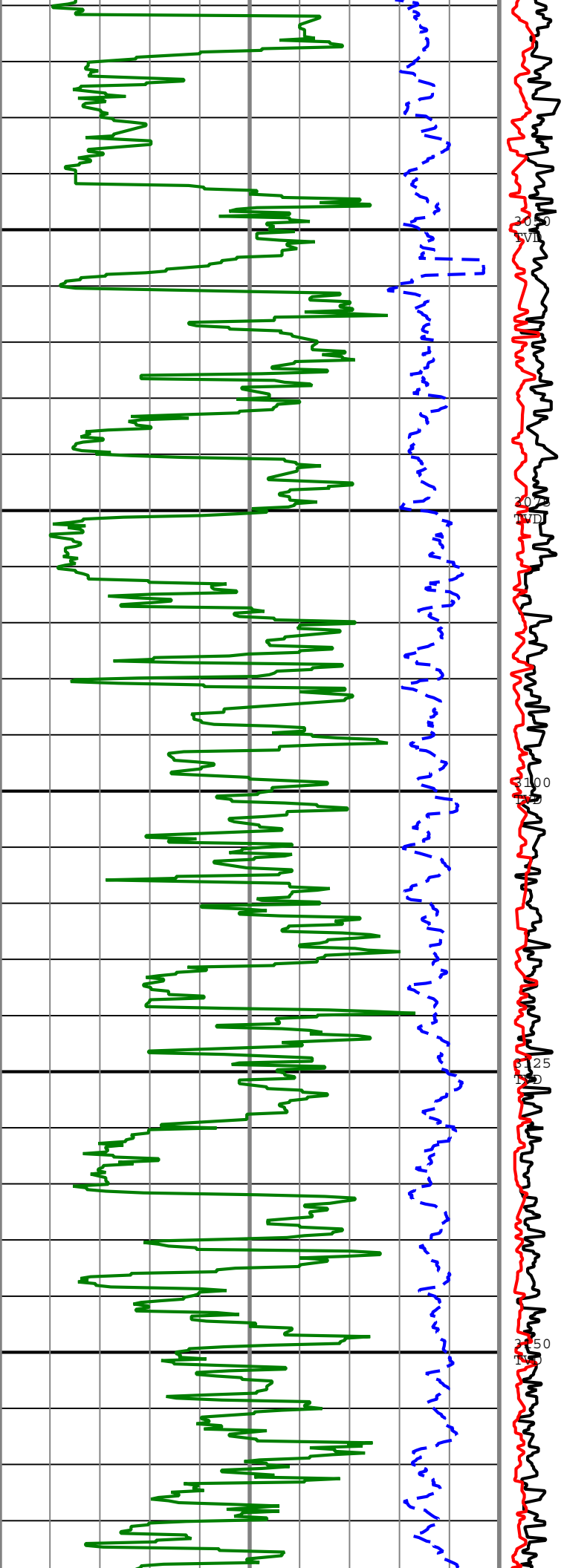
Collar Rotational Speed (CRPM) 0 c/min 250	Deep Button Resistivity (RES_BD)	
	0.2	2000
Rate of penetration averaged over the last 5 ft (1.5 m) (ROP5) 200 m/h 0	Medium Button Resistivity (RES_BM)	
	0.2	2000
Gamma Ray (GR) 0 gAPI 200	Shallow Button Resistivity (RES_BS)	
	0.2	2000
Stick Slip Indicator (STICK) 0 c/min 500	Ring Resistivity (RES_RING)	
	0.2	2000

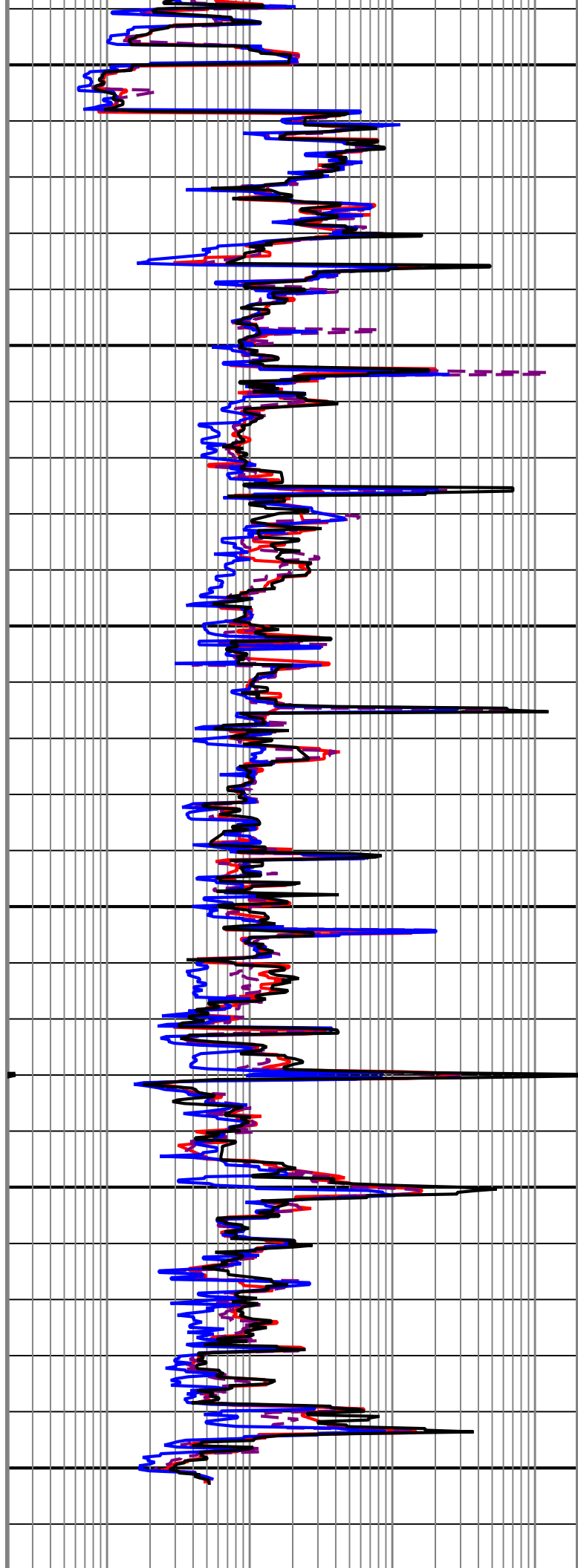
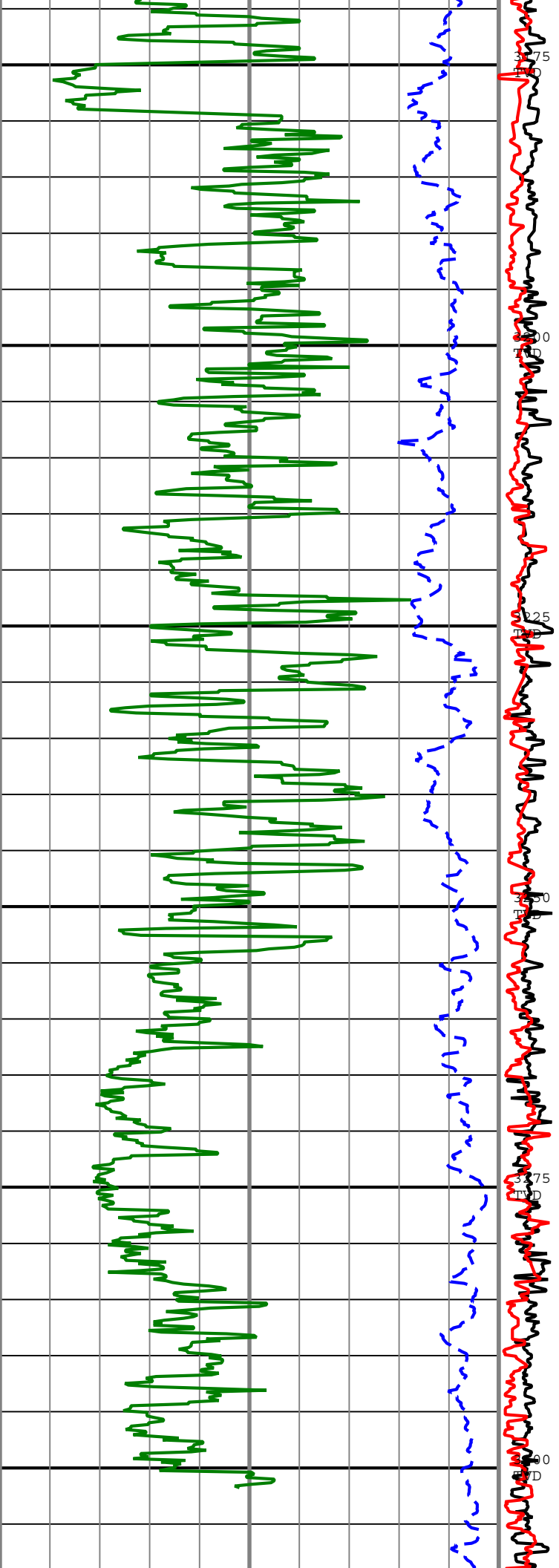












Rate of penetration averaged over the last 5 ft (1.5 m) (ROP5)		Collar Rotational Speed (CRPM)	Deep Button Resistivity (RES_BD)	
200	m/h		0.2	2000 ohm.m
Gamma Ray (GR)		Stick Slip Indicator (STICK)	Medium Button Resistivity (RES_BM)	
0	gAPI		0.2	2000 ohm.m
		0 c/min 500	Shallow Button Resistivity (RES_BS)	
			0.2	2000 ohm.m
			Ring Resistivity (RES_RING)	
			0.2	2000 ohm.m

Description: ARC Blended Resistivity RT Format: Log (TVD RT RES-GR Depth) Index Scale: 1:500 Index Unit: m Index Type: TVD Creation Date: 05-Aug-2009 10:54:49

Channel Processing Parameters

Run 4: Parameters

Parameter	Description	ToolPath	Value	Unit
BHT	Bottom Hole Temperature	Borehole	76	degC
BS	Bit Size	COMPLETION	8.5	in
DFD	Drilling Fluid Density	Borehole	9.55	lbm/gal
DFT	Drilling Fluid Type	Borehole	Water	
GGRD	Geothermal Gradient	Borehole	18.23	degC/km
GRSE	Generalized Mud Resistivity Selection	Borehole	Computed (GEN-9)	
GTSE	Generalized Temperature Selection	Borehole	Gradient From Surface	
MST	Mud Sample Temperature	Borehole	21	degC
RMS	Resistivity of Mud Sample	Borehole	0.099	ohm.m
SHT	Surface Hole Temperature	Borehole	20	degC
TD	Total Measured Depth	Borehole	3448	m

Run 5: Parameters

Parameter	Description	ToolPath	Value	Unit
BHT	Bottom Hole Temperature	Borehole	77	degC
BS	Bit Size	COMPLETION	8.5	in
DFD	Drilling Fluid Density	Borehole	9.4	lbm/gal
DFT	Drilling Fluid Type	Borehole	Water	
GGRD	Geothermal Gradient	Borehole	18.23	degC/km
GRSE	Generalized Mud Resistivity Selection	Borehole	Computed (GEN-9)	
GTSE	Generalized Temperature Selection	Borehole	Gradient From Surface	
MST	Mud Sample Temperature	Borehole	21	degC
RMS	Resistivity of Mud Sample	Borehole	0.099	ohm.m
SHT	Surface Hole Temperature	Borehole	20	degC
TD	Total Measured Depth	Borehole	3537	m

Run 6: Parameters

Parameter	Description	ToolPath	Value	Unit
BHT	Bottom Hole Temperature	Borehole	77	degC
BS	Bit Size	COMPLETION	8.5	in
DFD	Drilling Fluid Density	Borehole	9.51	lbm/gal
DFT	Drilling Fluid Type	Borehole	Water	
GGRD	Geothermal Gradient	Borehole	18.23	degC/km
GRSE	Generalized Mud Resistivity Selection	Borehole	Computed (GEN-9)	
GTSE	Generalized Temperature Selection	Borehole	Gradient From Surface	
MST	Mud Sample Temperature	Borehole	21	degC

MST	Mud Sample Temperature	Borehole	21	degC
RMS	Resistivity of Mud Sample	Borehole	0.106	ohm.m
SHT	Surface Hole Temperature	Borehole	20	degC
TD	Total Measured Depth	Borehole	3950	m

Tool Control Parameters

Run 2: Parameters

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

Run 2 : Time Zoned Parameters

Pass Drilling

Parameter	Value	Start Time	Stop Time	Start Depth (m)	Stop Depth (m)
OFFBTM_TH	0.5	23-Jul-2009 02:39:59	23-Jul-2009 10:30:46	195.25	453.41
OFFBTM_TH	0	23-Jul-2009 10:30:46	23-Jul-2009 11:29:38	453.41	471.07
OFFBTM_TH	0.5	23-Jul-2009 11:29:38	24-Jul-2009 12:38:55	471.07	1061.77

All depth are at tool zero.

Run 3: Parameters

Parameter	Description	ToolPath	Value	Unit
OFFBTM_TH	Threshold for deciding whether the bit is off bottom	DnMWorkflow	0.55	m

Run 4: Parameters

Parameter	Description	ToolPath	Value	Unit
OFFBTM_TH	Threshold for deciding whether the bit is off bottom	DnMWorkflow	0.55	m

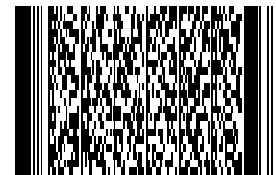
Run 5: Parameters

Parameter	Description	ToolPath	Value	Unit
OFFBTM_TH	Threshold for deciding whether the bit is off bottom	DnMWorkflow	0.55	m

Run 6: Parameters

Parameter	Description	ToolPath	Value	Unit
OFFBTM_TH	Threshold for deciding whether the bit is off bottom	DnMWorkflow	0.6	m

Company: ROC Oil
Well: Basker-7
Field: Gippsland Basin
Rig Name: Ocean Patriot
State: Victoria
Country: AUSTRALIA



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Real Time Data