

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: Gippsland Basin

FL1: VIC/L26

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: 26 Jul 09

Print Interval: 975.0(m) to 1225.0(m)

Index Types: True Vertical Depth

Index Scales: 1:500

Depth Source: Driller Depth

Depth Sensor: DES

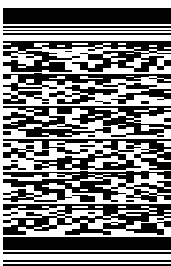
Conveyance: Drill Pipe

Print Type: Field

Spud Date:

Other Services:

Directional Surveys



Disclaimer

THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE AND RELIANCE UPON THE RECORDED-DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA.

Contents

1. Header
2. Disclaimer
3. Contents
4. Run 3
 - 4.1 Software Version
 - 4.2 Pass Summary
 - 4.3 Log (MD_ARC Dual Resistivity 3-Log RT)
 - 4.4 Parameter Listing
5. Tail

Run 3

Software Version

Acquisition System		Version	
MaxWell		1.2.8702.0	
Application Patch		APL-SPC-DnMSuperKit-1.2.8702.1000	
Computation	Description	Version	
ARC8GammaRayComputation	ARC8 Gamma Ray Computation Package for both Real-time and Recorded Mode	1.2.8702.0	
ARCResistivity	ARC Resistivity Computation Package for ARC Tool Family	1.2.8702.0	
Tool Elements	Description	Software Version	Firmware Version
ARDC	ARC 8.25 Inch Tool Drilling Collar	1.2.8702.0	
DRILLING_SURFACE	DRILLING_SURFACE	1.2.8702.0	

Pass Summary

Run Name	Pass Objective	Direction	Top	Bottom	Acquisition Start Date	Acquisition Start Time
Run 3	Drilling	Down	1027.73 m		26-Jul-2009	15:32:43

All depths are referenced to toolstring zero

Log

Run 3: Drilling 15E746D0-31AC-427A-B9AB-BFF5284E2B17

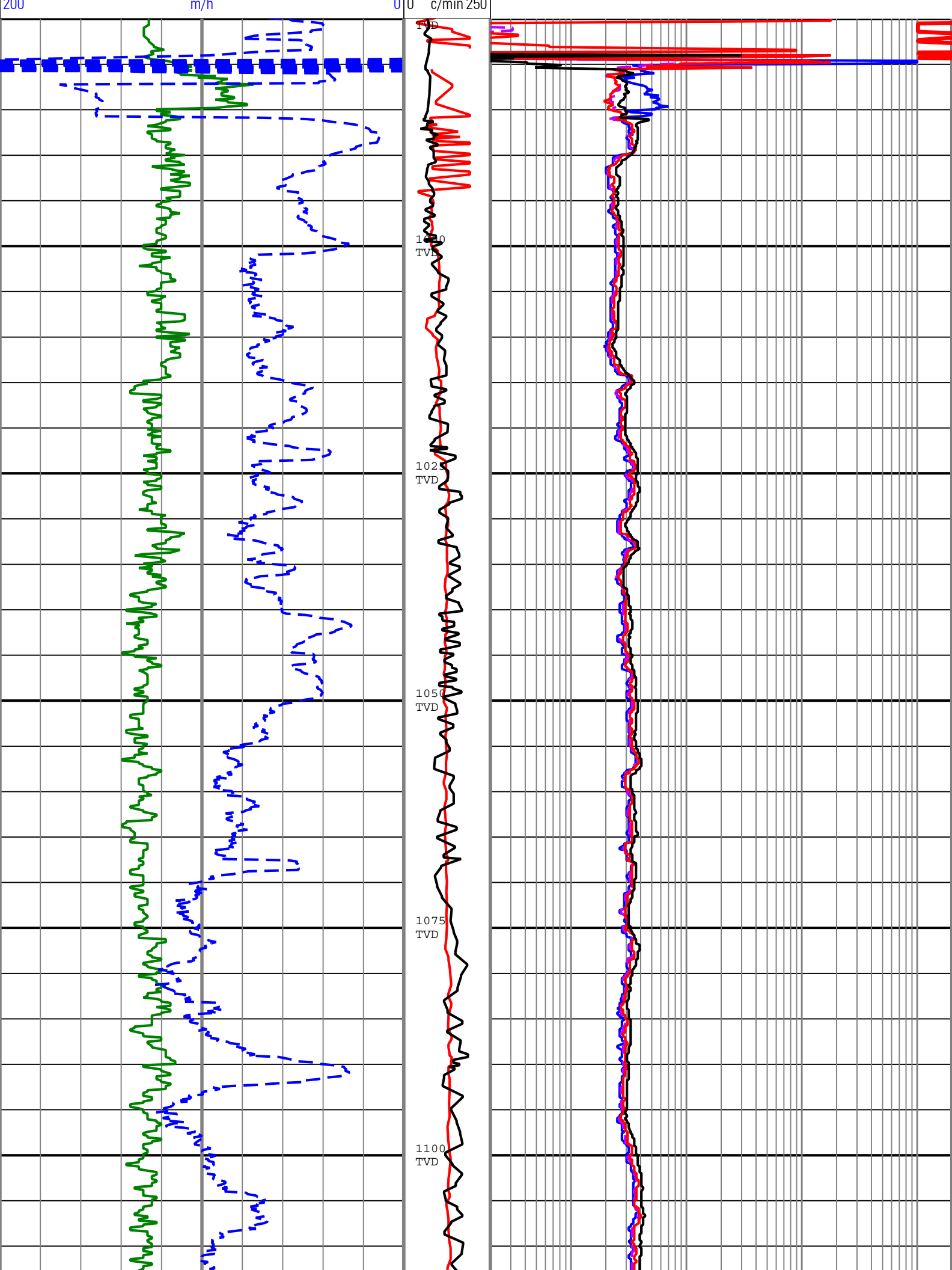
Description: ARC Dual Frequency Resistivity RT Format: Log (MD_ARC Dual Resistivity 3-Log RT) Index Scale: 1:500 Index Unit: m Index Type: TVD Creation Date: 27-Jul-2009 05:48:03

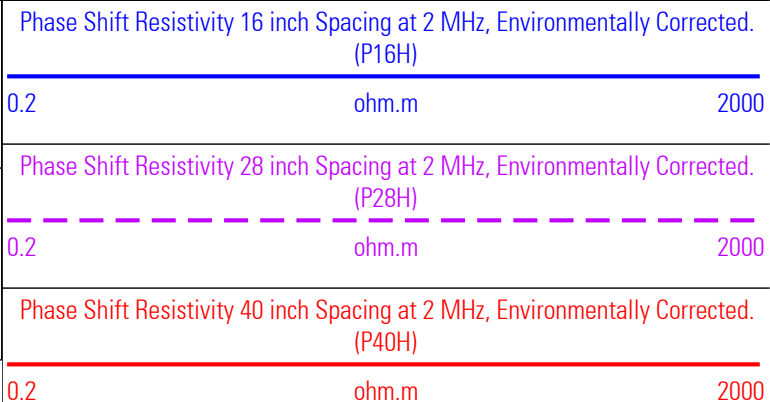
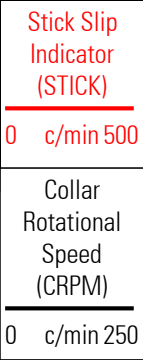
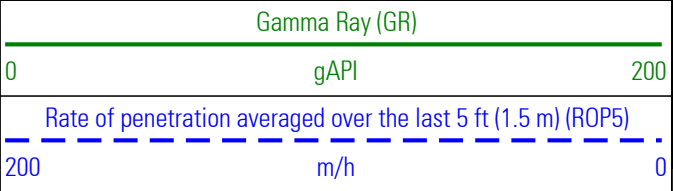
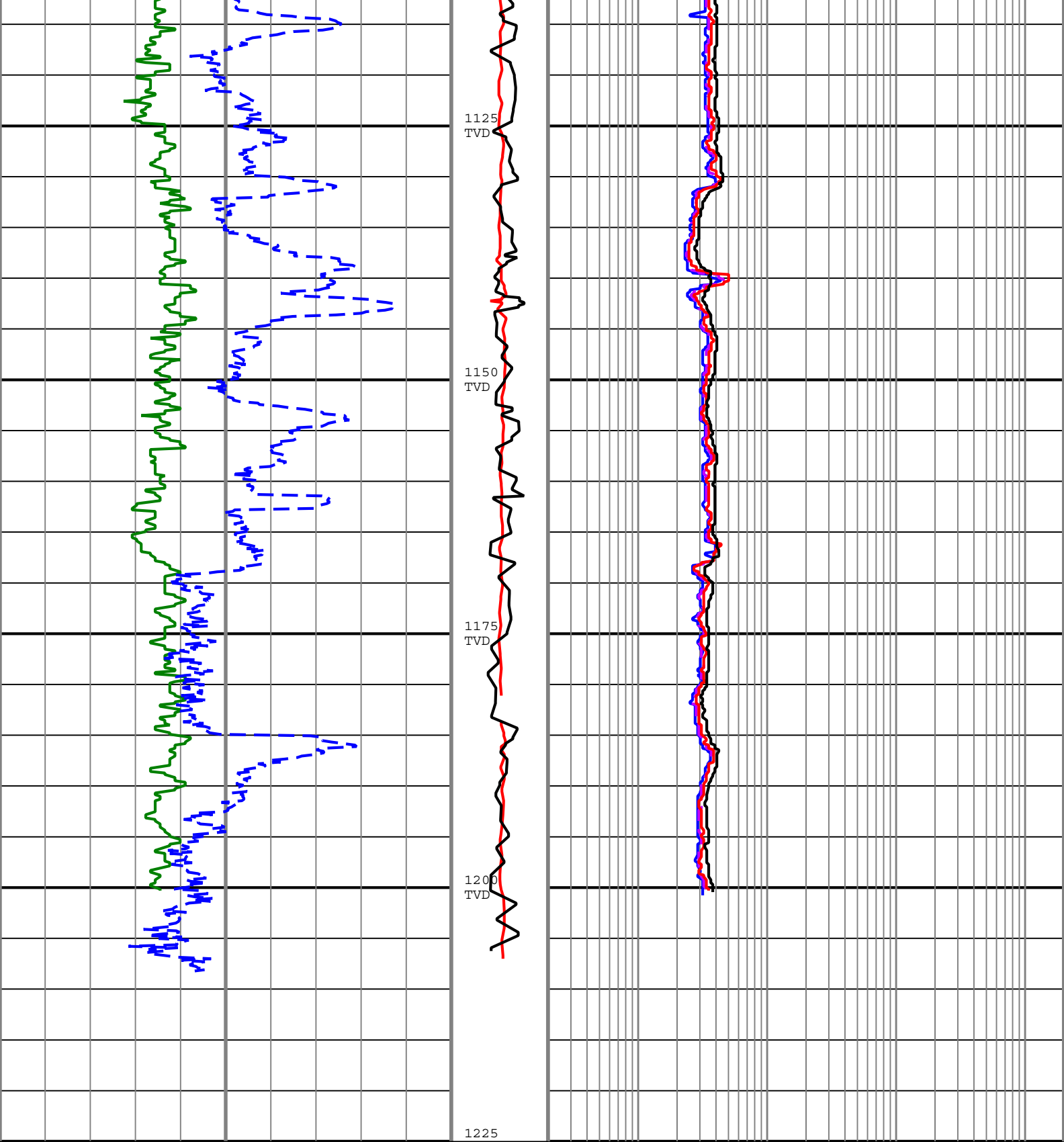
A40H	ARC8:ARC8:ARDC	6in - RT
CRPM	TELE825:TELE825	6in - RT
GR	ARC8:ARC8:ARDC	6in - RT
P16H	ARC8:ARC8:ARDC	6in - RT
P28H	ARC8:ARC8:ARDC	6in - RT
P40H	ARC8:ARC8:ARDC	6in - RT
ROP5	DRILLING_SURFACE	6in - RT
STICK	TELE825:TELE825	6in - RT

		Phase Shift Resistivity 16 inch Spacing at 2 MHz, Environmentally Corrected. (P16H)	
		0.2	ohm.m 2000
		Phase Shift Resistivity 28 inch Spacing at 2 MHz, Environmentally Corrected. (P28H)	
		0.2	ohm.m 2000
		Phase Shift Resistivity 40 inch Spacing at 2 MHz, Environmentally Corrected. (P40H)	
		0.2	ohm.m 2000
Gamma Ray (GR)		Attenuation Resistivity 40 inch Spacing at 2 MHz, Environmentally Corrected. (A40H)	
0	gAPI 200	0.2 ohm.m 2000	
Rate of penetration averaged over the last 5 ft (1.5 m) (ROP5)		0.2 ohm.m 2000	

Stick Slip Indicator (STICK)
0 c/min 500

Collar Rotational Speed (CRPM)





Attenuation Resistivity 40 inch Spacing at 2 MHz, Environmentally Corrected.
(A40H)

0.2 ohm.m 2000

Description: ARC Dual Frequency Resistivity RT Format: Log (MD_ARC Dual Resistivity 3-Log RT) Index Scale: 1:500 Index Unit: m Index Type: TVD Creation Date: 27-Jul-2009 05:48:03

Channel Processing Parameters

Parameter	Description	ToolPath	Value	Unit
BHK	Drilling Fluid Potassium Concentration	Borehole	0	%
BHT	Bottom Hole Temperature	Borehole	39	degC
BS	Bit Size	COMPLETION	Depth Zoned	in
DFD	Drilling Fluid Density	Borehole	1.09	g/cm3
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	20	degC
RMS	Resistivity of Mud Sample	Borehole	0.074	ohm.m
SHT	Surface Hole Temperature	Borehole	20	degC

Depth Zone Parameters

Parameter	Value	Start (m)	Stop (m)
BS	16	975	984.86
BS	12.25	984.86	

All depth are actual.

Tool Control Parameters

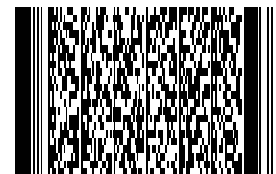
Parameter	Description	ToolPath	Value	Unit
OFFBTM_TH	Threshold for deciding whether the bit is off bottom		Time Zoned	m

Time Zone Parameters

Parameter	Value	Start Time	Stop Time	Start Depth (m)	Stop Depth (m)
OFFBTM_TH	0.5	26-Jul-2009 15:32:43	27-Jul-2009 01:36:30	1027.73	1029.86
OFFBTM_TH	0.55	27-Jul-2009 01:36:30		1029.86	

All depth are at tool zero.

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



Schlumberger

VISION Resistivity
1:500 True Vertical Depth
Real Time Data