



Type		KCl/Polymer																	
Mud weight	sg	1.1																	
Solids	%	5																	
Chlorides	mg/l	31,000																	
Rm	ohm.m @ degC	0.149 @ 26																	
Rmf	ohm.m @ degC	0.138 @ 28																	
Rmc	ohm.m @ degC	0.208 @ 28																	
Potassium	mg/l	27,000																	
<b>Environmental data</b>																			
<b>GR</b>																			
Mud weight	sg	1.1																	
Bit size	in	8.5																	
<b>Resistivity</b>																			
<b>Neutron porosity</b>																			
Hole Size																			
Mud weight																			
Temperature																			
Mud salinity																			
Formation salinity																			
Recording rate 1	SEC	5																	
Recording rate 2	SEC	5																	
Filtering GR		3 point																	
Filtering density																			
Filtering Neutron																			
Company representative		M.Jackson	T.Bray																
Anadrill personnel		A.Strahan	M.Saicic																

**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 OF 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.

OTHER SERVICES FOR RUN1 MWD 4-axis vibration/shock monitoring APWD monitoring	OTHER SERVICES FOR RUN	OTHER SERVICES FOR RUN
REMARKS: RUN NUMBER 1 Drilled in rotary mode from 250-391m  Environmental corrections applied: ARC GR - K+, borehole size and mud weight ARC Resistivity is borehole compensated but not environmentally corrected  28 Apr 01 7:15 Initilise ARC#87 8:30 BHA below rotary table 15:40 On bottom drilling at 250m 29 Apr 01 2:30 TD at 391m 4:30 BHA above rotary table. Layout BHA 5:00 Download memory data from ARC	REMARKS: RUN NUMBER	REMARKS: RUN NUMBER

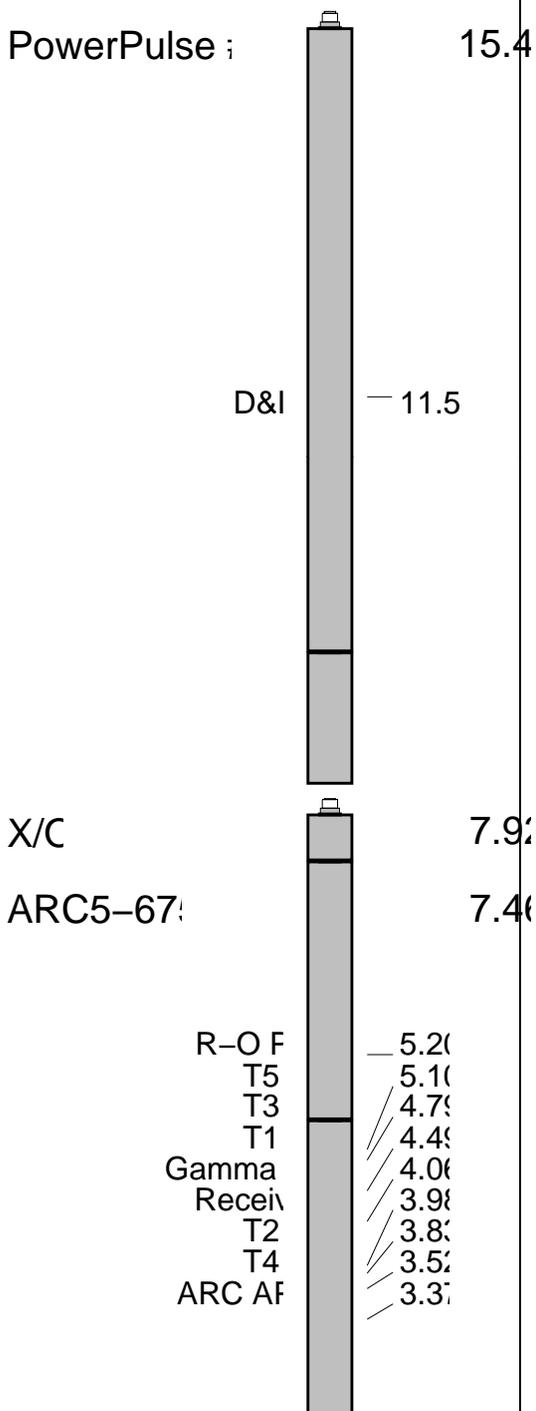
EQUIPMENT DESCRIPTION

RUN1

RUN

RUN

DOWNHOLE E





IDEAL Version: ID6\_1C\_03  
IDF

ARC5\_675      id6\_1c\_03      MWD\_10      id6\_1c\_03

Format: APWD\_MVC      Vertical Scale: 1:200      Graphics File Created: 29-Apr-2001 10:35

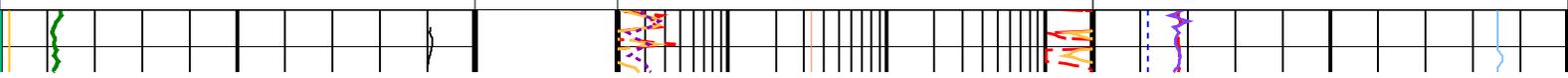
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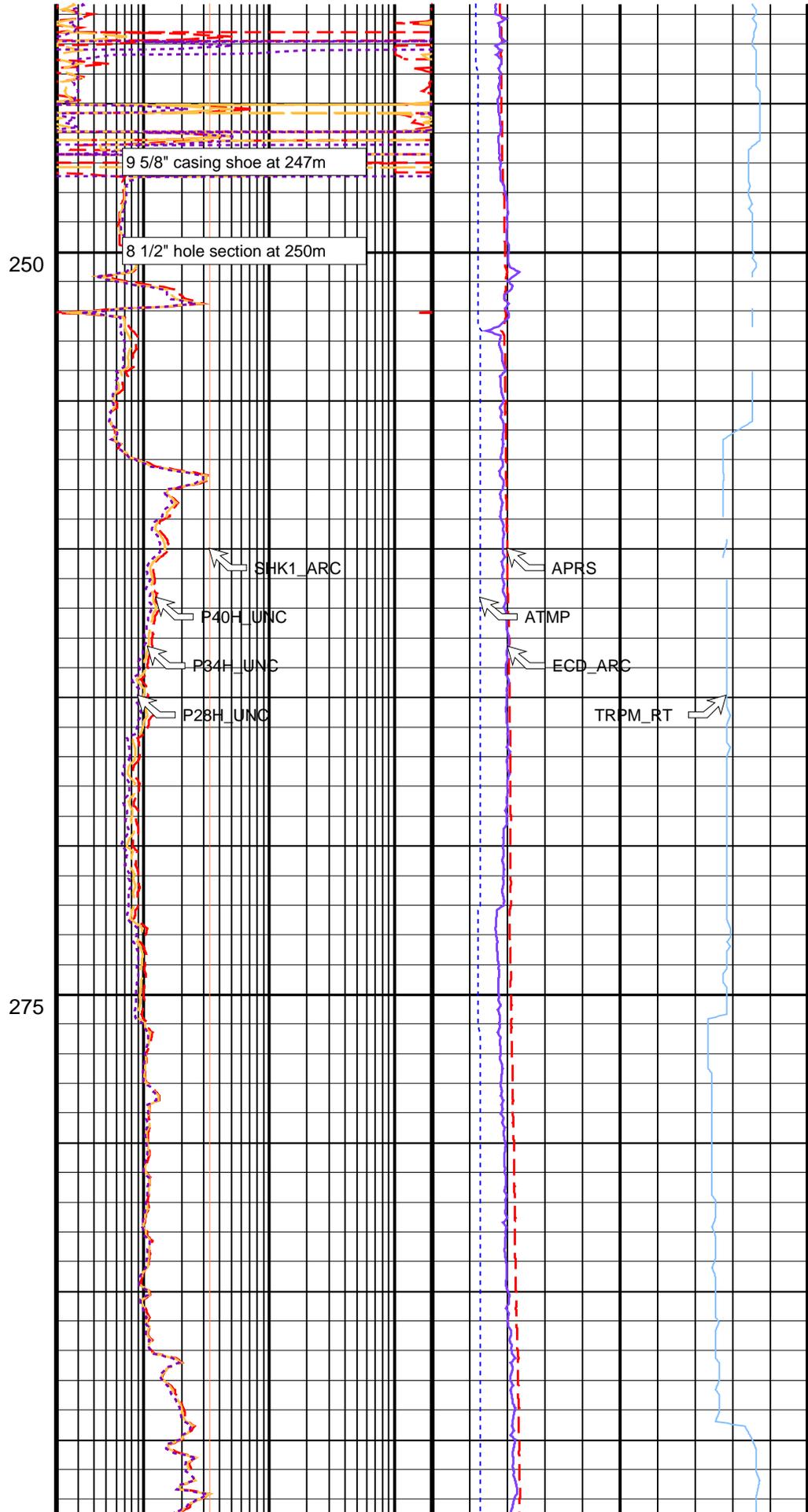
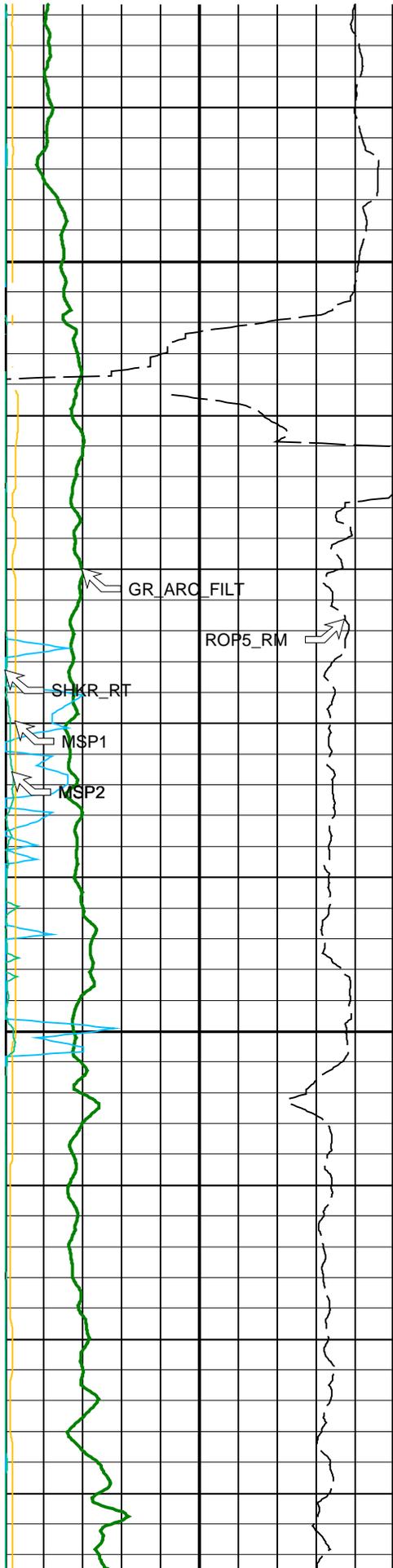
DLIS Name	Description	Value
AAPS	ARC5 Attenuation and Phase-Shift source	1_UPHOLE
APICG	ARC5 Gamma Ray Gain Factor	1.091
ATRN	ARC5 Tool Run Number	EAGLEBAYAARC APWD PP
ATSN	ARC5 Tool Serial Number	087
BHFCT_ARC	ARC5:GR Borehole Factor	1.740
BS_RM	Bit Size (RM)	8.500 in
DO	Depth Offset	0.0 m
KPER	ARC5:Potassium Concentration	27000.0
MST_RM	Mud Sample temperature (RM)	26.100 degC
MW_RM	Mud Weight (RM)	9.180 lbm/gal
RMS_RM	Resistivity of Mud Sample (RM)	0.149 ohm.m
VERS_ARC	ARC5 Down hole software version Number	6.300
WRK	ARC5: Way to Report Potassium Concentration	POTASSIUM_BY_PARTS_PER_MILLION IE MG/KG

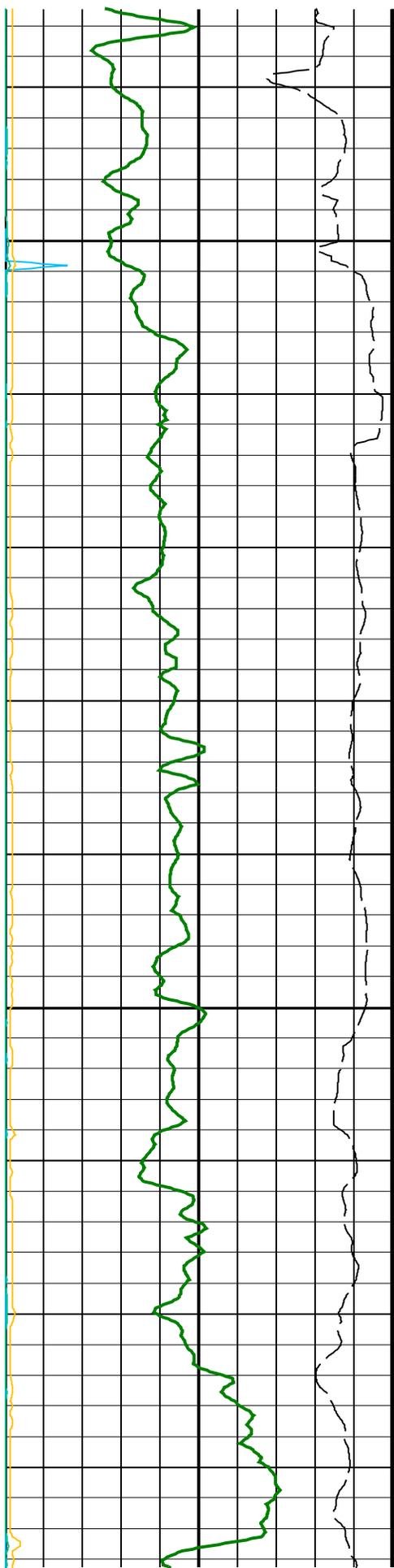
ARC Calibrated, Filtered Gamma Ray (GR_ARC_FILT)		
0	(GAPI)	200
MWD Shock Count Rate, over 25G (SHKR_RT)		
0	(SH/S)	100
Rate of Penetration, Averaged over Last 5ft (ROP5_RM)		
200	(M/HR)	0
MWD Lateral Vib (MSP2)		
0	(G)	60
MWD Vib X-Axis (MSP1)		
0	(G)	20

ARC Non-BHCorr Phase-Shift Resistivity 28-in. at 2 MHz (P28H_UNC)		
0.2	(OHMM)	200
ARC Non-BHCorr Phase-Shift Resistivity 34-in. at 2 MHz (P34H_UNC)		
0.2	(OHMM)	200
ARC Non-BHCorr Phase-Shift Resistivity 40-in. at 2 MHz (P40H_UNC)		
0.2	(OHMM)	200
ARC Average Tool Shocks (SHK1_ARC)		
0.2	(CPS)	100

MWD Turbine RPM (TRPM_RT)	
0	(RPM) 4000
Equivalent Circulating Density (ECD_ARC)	
8	(LB/G) 18
Annulus Temperature (ATMP)	
0	(DEGC) 200
Annulus Pressure (APRS)	
0	(PSI) 2000

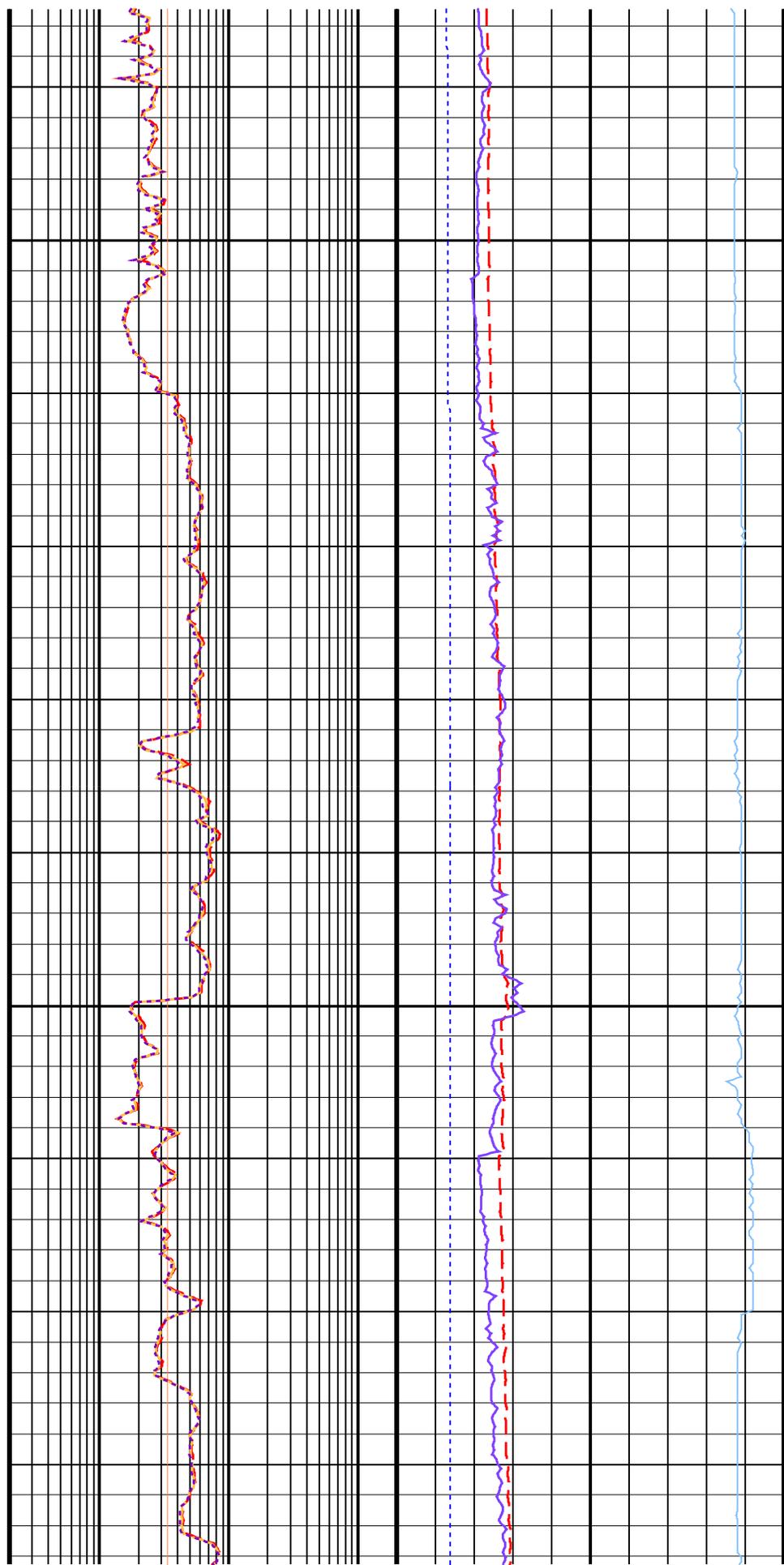


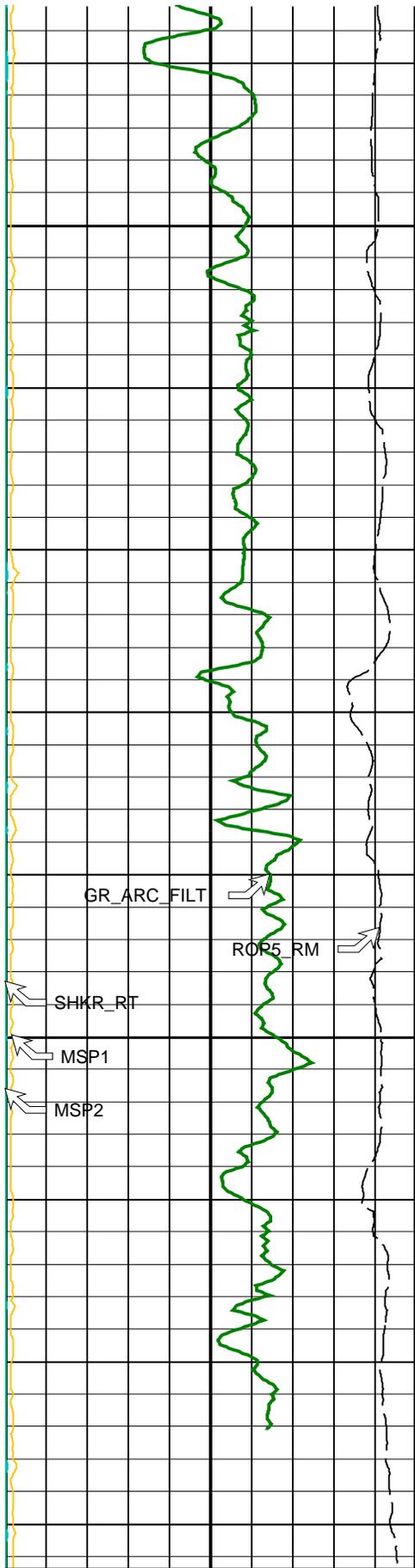




300

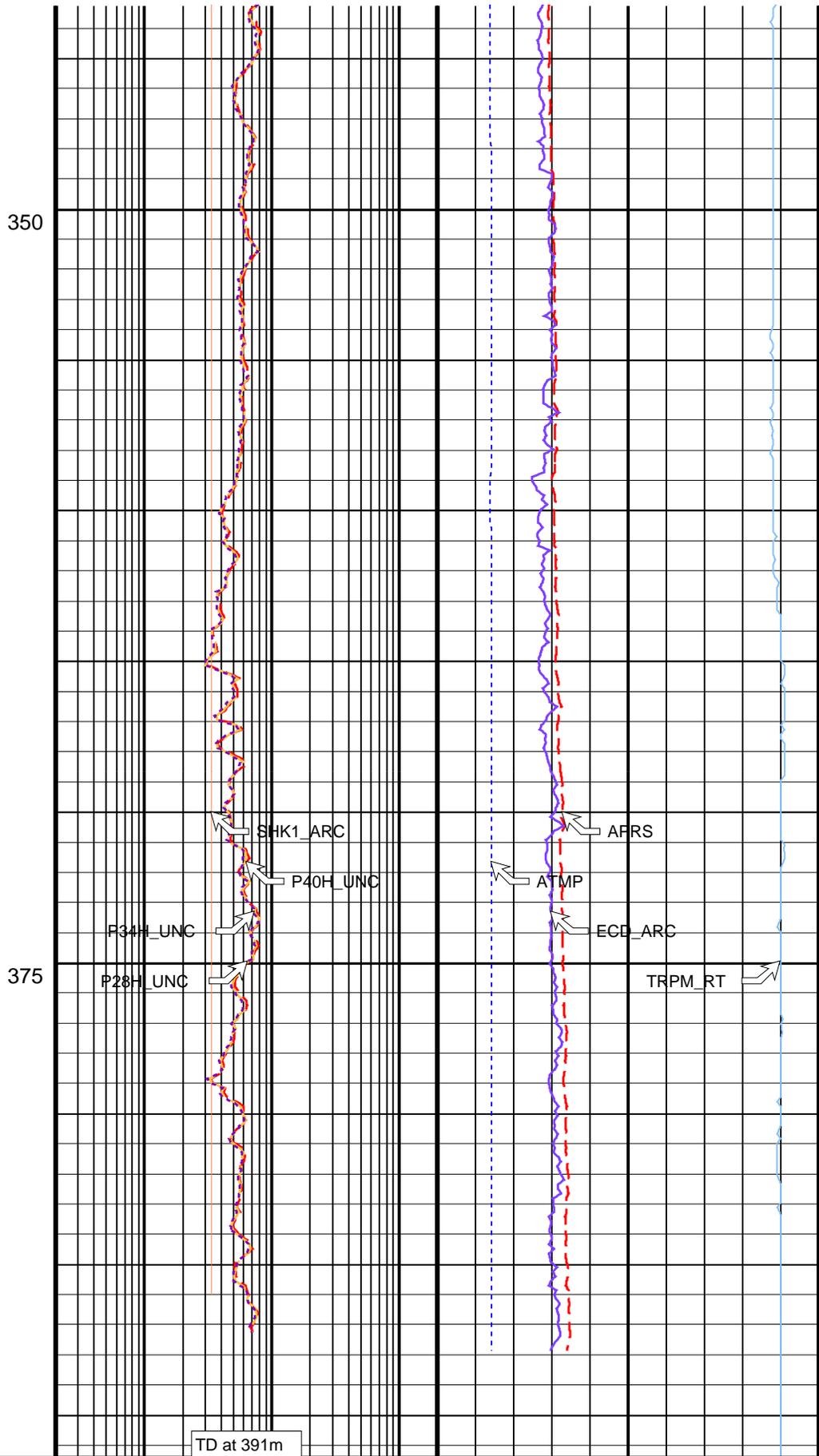
325





MWD Vib X-Axis (MSP1)  
0 (G) 20

MWD Lateral Vib (MSP2)



ARC Average Tool Shocks (SHK1\_ARC)  
0.2 (CPS) 100

ARC Non-BHCorr Phase-Shift

Annulus Pressure (APRS)  
0 (PSI) 2000

Annulus Temperature (ATMP)

<b>MWD Lateral Vib (MSP2)</b>		
0	(G)	60
<b>Rate of Penetration, Averaged over Last 5ft (ROP5_RM)</b>		
200	(M/HR)	0
<b>MWD Shock Count Rate, over 25G (SHKR_RT)</b>		
0	(SH/S)	100
<b>ARC Calibrated, Filtered Gamma Ray (GR_ARC_FILT)</b>		
0	(GAPI)	200

<b>ARC Non-BHCorr Phase-Shift Resistivity 40-in. at 2 MHz (P40H_UNC)</b>		
0.2	(OHMM)	200
<b>ARC Non-BHCorr Phase-Shift Resistivity 34-in. at 2 MHz (P34H_UNC)</b>		
0.2	(OHMM)	200
<b>ARC Non-BHCorr Phase-Shift Resistivity 28-in. at 2 MHz (P28H_UNC)</b>		
0.2	(OHMM)	200

<b>Annulus Temperature (ATMP)</b>		
0	(DEGC)	200
<b>Equivalent Circulating Density (ECD_ARC)</b>		
8	(LB/G)	18
<b>MWD Turbine RPM (TRPM_RT)</b>		
0	(RPM)	4000

**IDEAL Version: ID6\_1C\_03**  
IDF

ARC5\_675

id6\_1c\_03

MWD\_10

id6\_1c\_03

6.75-in. Array Resistivity Compensated / Equipment Identification

Primary Equipment:  
Tool Name and Serial Number  
ARC675 Calibration Status

ARC - 675 #087  
OK

Master: 25-APR-01											
6.75-in. Array Resistivity Compensated Calibration											
Resistivity: Air											
Phase	Phase-Shift T1 DEG	Value	Phase	Phase-Shift T2 DEG	Value	Phase	Phase-Shift T3 DEG	Value	Phase	Phase-Shift T4 DEG	Value
Master		-0.2200	Master		0.5200	Master		-0.3600	Master		0.4200
	-3.900 (Minimum) 0.1000 (Nominal) 4.100 (Maximum)			-3.900 (Minimum) 0.1000 (Nominal) 4.100 (Maximum)			-3.900 (Minimum) 0.1000 (Nominal) 4.100 (Maximum)			-3.900 (Minimum) 0.1000 (Nominal) 4.100 (Maximum)	
Phase	Phase-Shift T2 at 400KHz DEG	Value	Phase	Phase-Shift T3 at 400KHz DEG	Value	Phase	Phase-Shift T4 at 400KHz DEG	Value	Phase	Phase-Shift T5 at 400KHz DEG	Value
Master		0.6400	Master		-0.5800	Master		0.6400	Master		-0.5500
	-3.900 (Minimum) 0.1000 (Nominal) 4.100 (Maximum)			-3.900 (Minimum) 0.1000 (Nominal) 4.100 (Maximum)			-3.900 (Minimum) 0.1000 (Nominal) 4.100 (Maximum)			-3.900 (Minimum) 0.1000 (Nominal) 4.100 (Maximum)	

Master: 25-APR-01											
6.75-in. Array Resistivity Compensated Calibration											
Resistivity: Air											
Phase	Attenuation T1 DB	Value	Phase	Attenuation T2 DB	Value	Phase	Attenuation T3 DB	Value	Phase	Attenuation T4 DB	Value
Master		8.550	Master		6.485	Master		5.159	Master		4.329
	6.500 (Minimum) 8.500 (Nominal) 10.50 (Maximum)			4.500 (Minimum) 6.500 (Nominal) 8.500 (Maximum)			2.500 (Minimum) 4.500 (Nominal) 6.500 (Maximum)			2.600 (Minimum) 4.600 (Nominal) 6.600 (Maximum)	
Phase	Attenuation T5 DB	Value	Phase	Attenuation T1 at 400KHz DB	Value	Phase	Attenuation T2 at 400KHz DB	Value	Phase	Attenuation T3 at 400KHz DB	Value
Master		3.671	Master		8.510	Master		8.510	Master		8.510
	1.600 (Minimum) 3.600 (Nominal) 5.600 (Maximum)			6.500 (Minimum) 8.500 (Nominal) 10.50 (Maximum)			6.500 (Minimum) 8.500 (Nominal) 10.50 (Maximum)			6.500 (Minimum) 8.500 (Nominal) 10.50 (Maximum)	

2.600 (Minimum)	4.600 (Nominal)	6.600 (Maximum)	1.600 (Minimum)	3.600 (Nominal)	5.600 (Maximum)	6.500 (Minimum)	8.500 (Nominal)	10.50 (Maximum)			
Phase	Attenuation T2 at 400KHz	DB	Value	Phase	Attenuation T3 at 400KHz	DB	Value	Phase	Attenuation T4 at 400KHz	DB	Value
Master			6.470	Master			5.110	Master			4.360
4.500 (Minimum)	6.500 (Nominal)	8.500 (Maximum)		2.500 (Minimum)	4.500 (Nominal)	6.500 (Maximum)		2.600 (Minimum)	4.600 (Nominal)	6.600 (Maximum)	
Phase	Attenuation T5 at 400KHz	DB	Value								
Master			3.670								
1.600 (Minimum)	3.600 (Nominal)	5.600 (Maximum)									

Master: 25-APR-01				
6.75-in. Array Resistivity Compensated Calibration				
Gamma Ray: Blanket				
Phase	Gamma ray factor (equals Calibration Gain multiplied by API Gain Factor)		CPS	Value
Master				5.237
	3.840 (Minimum)	4.800 (Nominal)	6.000 (Maximum)	

Company: **Eagle Bay Resources**

Well: **Northright-1** Exploration

Field: **VIC/P-41**

Rig: **Ocean Bounty**

State: **Victoria**

**IDEAL** services from **Anadrill**

**ARC Resistivity / GR / APWD**  
**Measured Depth**  
**Scale 1:200**

**Schlumberger**