

Chikyu DAILY MORNING REPORT

Mission No. : CK12-02

Exp. No. : Exp 343

Report No. : 21

Site Name : JFAST3

Hole Name : C0019A

Lat. 37°56.3367N

Long. 143°54.8100E

Report Date : 22/Apr/2012

Depth : @24:00 _____ mBRT
 Depth : @06:00 _____ mBSF

Progress : _____ m
 Seabed Depth : **6,912.00** mBRT

Drilling/Coring/Jetting Hrs. : _____ hrs
 LAST CASING : _____ x _____ mbsf

RT-MSL : **28.5** m
 LAST CASING : _____ x _____ mbsf

Summary of Operation : **21-Apr** : Continue lay Down 20°CSG & Running Tool. Makeup LWD BHA. Survey @surface.
 Present Operation to 06:00 on **22-Apr** : Continue run LWD BHA.

mBRT: meter below rotary table
 mbsf: meter below sea floor

Time Breakdown (00:00 - 24:00 on 21-Apr)				Detail of Operation
From	To	Hrs	Code	
0:00	1:00	1:00	CSG	Continue Break and lay down 20°Casing. Meanwhile, (0:30) Additional Transponder reach to Bottom @6656m.
1:00	2:15	1:15	Other(N)	Install Upper Guide Horn.
2:15	3:45	1:30	CSG	Break and lay down 20°Casing Running Tool. Break single HWDP and check to dart. Latching position is buried in scale. Meanwhile, (2:00) Finish calibration of additional Transponder.
3:45	5:00	1:15	Other(N)	Investigate HR1. Meanwhile, Check running tool in core tech workshop.
5:00	9:00	4:00	Trip	Make up LWD BHA. Connect single 5.68°HWDP to LWD BHA for survey.
9:00	11:00	2:00	LWD	LWD Shallow test with seawater. Flow Rate step by step increase. 90spm (450gpm) x 4.5MPa. 100spm (500gpm) x 4.9MPa. 105spm (520gpm) x 5.7MPa, proVISION shut down. Survey again with sea water gel, "NG". Check to Mud Pump pulse. Pump Pressure fluctuated. Pumping trough standpipe choke "OK". Investigate ProVISION by Schlumberger. Troubleshooting of proVISION tool failure. (disconnect wrong connection due to miscommunication between on site and Schlumberger office.) Decision made to lay out proVISION and Run LWD without proVISION survey. Lay out 1 single joint and change elevator inserts to S140. Pull proVISION tool and lay out same using HR. Change NMDC and xo sub for proVISION. Pick up and make up same.
11:00	14:45	3:45	LWD(N)	Perform shallow test, 105spm(520gpm) x 5.0MPa and 140spm(700gpm) x 9.0MPa with sea water, survey "OK". Lay out handling strings for circ with HR.
14:45	16:15	1:30	LWD(N)	
16:15	17:00	0:45	Trip	Change NMDC and xo sub for proVISION. Pick up and make up same.
17:00	18:30	1:30	LWD	Perform shallow test, 105spm(520gpm) x 5.0MPa and 140spm(700gpm) x 9.0MPa with sea water, survey "OK". Lay out handling strings for circ with HR.
18:30	21:15	2:45	Trip	Continue to run LWD Assembly. RIH on 6-3/4" DC to 178m. Pick up 6jts of DCs, Jar additionally using HR. Uncocked jar. Below Jar weight. Jar set weight Up 401kN; Down 167kN String weight: Below Jar 165kN / BHA 270kN / BHA+HW 410kN
21:15	24:00	2:45	Trip	Continue to run LWD Assembly. RIH 5.68° HW 3stds, 5°S-140 22 stds to 1120m.

Time Breakdown (00:00 - 06:00 on 22-Apr)				Detail of Operation
From	To	Hrs	Code	
0:00	6:00	6:00	Trip	Continue to run LWD Assembly. RIH 5°S-140 Pre. 59stds, 5-1/2"DP S-140 36stds. and 5-1/2"DP S-150 Pre. 4stds. Fill up seawater every 10 stands. Check survey 140spm x 19.7MPa @1988.7m. (6:00) Check survey 140spm x 22.0MPa @3872.4m.

Bit No.	Size (in)	MFR	Type	IADC Code	S/No.	Nozzles	Depth (mBRT)		Meter-age	Hrs.	WOB (kN)		rpm	Total Rev. (krev)	Dull Condition								
1	8.5	Smith	PDC	-	JF6234	7 x 12	From	To	0.0	0.00	Min.	Max.	Min.	Max.	Inner	Outer	Dull	Loc.	B	G	O.D.	RP	
														3,394.8									

BHA Record		LWD 1 Bit x Bit Sub x XO x GVR-6 x ARC-6 x Telescope 675 HF x NonMag DC x 8-14"Stab x XO x 6-3/4"DC 8stds. x Jar x 6-3/4" 7stds. x XO x 5.68°HWDP 12stds. x XO x 5°S-140 DP Pre. 59stds. x 5-1/2"S-140 DP Pre. 36stds. x 5-1/2"S-150 DP Pre. 53stds. x 5-1/2"S-150 DP New 26stds. x 6-5/8"Z-140 DP New															Hook Wt. (kN) @ 4.413 mBRT	
																	Total Hook Weight	2,411

Mud Properties															Temp					
Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	Gel St.	WL	Cake	pH	Pf	Cl-	K+	LGS	PPG	MBC	n	K	In	Out
Sea Water Gel	24:00	Pit	1.04	85	9	34	24	25		10.0							0.27	7.78	15	

Mud Pumps : 14-P-220 @ 6936 mBRT 5.00 gallon/stroke @97%				Personnel @24:00				Mud Materials on Board @24:00hrs (unit: kg)				Helicopter Information					
No.	Liner Size	SPM	GPM	Press. (MPa)	Ann. Vel. (m/min)	CDEX	13	Item	Received	Used	Stock	Ft.	Time			Passenger	
1	6		0			MIQ Crew	96	Bante (Bulk)	0	0	557,500	No.	Arrived	Departed	Are.	Dept.	
2	6					MIQ (Other)	1	Bentonite (by S Lanka)	0	0	18,400	1					
3	6					MWJ	19	Kunigel-VO (Bulk)	0	0	212,000	2					
						Scientist	29	NaOH	0	0	9,550	3					
								Lime	0	0	9,480	4					
								XCD-Polymer	0	0	100	5					
								Sch-LWD	0	0	3,000						
								Sch-WL	0	0	110						
								Magnum	0	0	120						
								Franks	0	0	0						
								WWT	0	0	0						
								OCC	0	0	0						
								NOV	0	0	0						
								Kayodenshi	0	0	0						
								Core-IRM	0	0	0						
								Other	0	0	0						
								Total			172						

Geologic Information		Litho logy														
From	To															

Materials Stock on Board @24:00				
Item	Unit	Received	Used	Stock
Fresh Water	m3	82.5	91.4	333.0
Potable Water	m3	0.0	2.9	247.6
Drill Water	m3	0.0	2.0	1,703.6
Fuel	m3	0.0	41.5	3,261.4
Lube Oil	Ltrs	0.0	1500.0	108,800.0
Heil Fuel	Ltrs	0.0	0.0	800.0

Boat Information@24:00				Mud Volume (m3)			
Boat Name	Status	Departed	Arrived	Pre-Hyd.	Kill mud (1.30sg)	Premix SW	Sea Water Gel
No.18 Kaiko-Maruo	-			423	71	70	113
kaiko	-						

Weather Information													
Time	Weather	Temp. (degC)		Barometer	Wind			Wave			Current	Visibility	
24:00	c	Air	SW	(hPa)	Speed (m/s)	Dir. (deg)	Gust (m/s)	Height (m)	Dir. (deg)	Period (s)	Speed(knt)	Dir. (deg)	(km)
		3.4	7.1	1032.2	3.4	111.0	3.9	2.4	60	8.9	0.6	148	22

Today's Schedule : Continue run LWD BHA to sea bed. Start Drill LWD Hole.