Chikyu DAILY MORNING REPORT

Mission No. : CK12-02 **Exp. No. :** Exp 343 **Report No. :** 19

Site Name : JFAST3 **Hole Name :** C0019A **Lat.** 37°56.3367N **Long.** 143°54.8100E **Report Date :** 20/Apr/2012

Depth : @24:00 ____ mBRT ____ mbsf Progress : ____ m Seabed Depth : **6,912.00** mBRT RT-MSL : **28.5** m

Depth : @06:00 ____ mBRT ____ mbsf Drilling/Coring/Jetting Hrs. : ____ hrs LAST CASING : ____ x ____ mbsf

Summary of Operation : **19-Apr** : Troubleshoot of Casing running tool. POOH 20"casing. Recover UWTV.

Present Operation to 06:00 on **20-Apr** : Continue POOH 20" Casing @2900mBRT.

mBRT: meter below rotary table

Time Breakdown (00:00 - 24:00 on **19-Apr**) mbsf: meter below sea floor

From	To	Hrs	Code	Detail of Operation
0:00	0:45	0:45	Other(N)	Continue jar down 6 times, total 9 times.
				Attempt landing dart and pressurize to casing running tool. Max pressure applied 74spm x 28MPa.
0:45	2:00	1:15	Other (N)	Wind up Core Line Winch for checking Retrieving Tool. No dart and no shear pin shear of CBRT.
2:00	2:30	0:30	Other (N)	Recover core line from HPS.
2:30	6:00	3:30	CSG	POOH 20" Casing to 6589mBRT, no over pull. Observe casing by UWTV.
				Change Duel Elevator and HCD insert of 5-1/2"DP.
				Wind up UWTV, during communication test for transponder and mini-beacon by DPO.
6:00	10:00	4:00	Other	Preparation for recover UWTV.
				Remove Duel Elevator (Lower) and HCD. Pick up middle and upper guide hone. Open bottom guide hone. Meanwhile, wind up UWTV.
10:00	10:30	0:30	Other	Recover UWTV.
				UWTV cable were wrap around 1 right turn to drill pipe, slow down cable. Take out umbilical cable from guide sheave.
				Remove transponder and mini-beacon from UWTV. Set counter weight on UWTV, standby same.
10:30	11:00	0:30	Other	Preparation POOH 20" Casing.
				Set HCD and DES.
11:00	13:30	2:30	CSG	Continue POOH 20" Casing from 6590m to 6300m, on 5 1/2" S150 drill pipe with DES.
13:30	15:00	1:30	Other(N)	Troubleshoot of DES with NOV. Hold TBRA@12:15 Fix PLC and Proxy for dolly retract countdown.
15:00	16:45	1:45	CSG	Continue POOH 20" Casing from 6590m to 6300m, on 5 1/2" S150 drill pipe with DES.
16:45	17:15	0:30	Other(N)	Troubleshoot of DES with NOV. Hold TBRA@12:15 Fix PLC and Proxy for dolly retract on guide rail.
17:15	18:00	0:45	Other(N)	Troubleshoot of Auto roughneck with traveling gear. Replace aft traveling gear.
18:00	22:15	4:15	CSG	Continue POOH 20" Casing from 6300m to 4769m, on 5 1/2" S150 DP using DES.
22:15	22:45	0:30	Other(N)	Troubleshoot of temperature sensor failure on DW motor B.
22:45	0:00	1:15	CSG	Continue POOH 20" Casing from 4769m to 4393m, on 5 1/2" S150 Drill pipe using DES.

Time Breakdown (00:00 - 06:00 on **20-Apr**) * The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Detail of Operation
0:00	1:45	1:45	CSG	Continue POOH 20" Casing from 4393 to 4070m, on 5 1/2" S150 Drill pipe using DES.
1:45	3:00	1:15	Other(N)	Rig Down Duel Elevator (Lower) and HCD. Change to Duel Elevator and Master Bushing Combination.
3:00	6:00	3:00	CSG	Continue POOH 20" Casing from 4070 to 2900m, on 5 1/2" S140 Drill pipe using DES (Upper).

Bit Record

Bit No.	Size (in)	MFR	Type	IADC Code	S/No.	Nozzles	Depth (mBRT) From	Depth (mBRT) To	Meter-age	Hrs.	WOB (kN) Min.	WOB (kN) Max.	rpm Min.	rpm Max.	Total Rev. (krev)	Dull Condition Inner	Outer	Dull	Loc.	B	G	O.D.	RP
	8	Magnum	Jetting sub	-	1	7 x 14	6,912	6,940.0	28.0	2.75	5	150											

BHA Record

Jetting	8"Jetting Sub x Spacer Sub x Float Sub x 17-1/2"Stb x XO x 5-1/2"DP S140 2jts x 5-1/2"DP Pup 2jts x XO x Spacer Sub x Magnum Running tool (Lower).
Running	Magnum Running tool (Upper) x XO x 5.68"HWDP Pre. 13jts x XO x 5"DP S140 Pre. 68stds x 5-1/2"DP S140 Pre. 36stds x 5-1/2"DP S150 Pre. 53stds x XO
	x 5-1/2"DP S150 New x 6-5/8"DP Z140 New.

Hook Wt. (kN) @ 4,413 mBRT

Total Hook Weight	2,411
Pick Up Weight	
Slack Off Weight	
HPS & Traveling block & DES	750
Below Jar	
BHA	

Mud Properties

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	Gel St.		WL	Cake	pH	Pf	Cl-	K+	LGS	PPG	MBC	n	K	Temp In	Temp Out
Sea Water Gel	24:00	Pit	1.04	66	6	40	26	29			10.0							0.18	15.27	16	

Mud Pumps : 14-P-220 @ 6936 mBRT 5.00 gallon/stroke @97%

No.	Liner Size	SPM	GPM	Press. (MPa)	Ann. Vel. (m/min)	
1	6					
2	6		0		-	-
3	6					

Geologic Information 2012.04.xx

From	To	Litho logy

Materials Stock on Board @24:00

Item	Unit	Received	Used	Stock
Fresh Water	m3	95.2	84.8	317.4
Potable Water	m3	0.0	5.4	255.0
Drill Water	m3	0.0	193.8	1,708.7
Fuel	m3	0.0	42.6	3,365.2
Lube, Oil	Ltrs	0.0	500.0	110,300.0
Heli Fuel	Ltrs	0.0	0.0	800.0

Boat Information@24:00

Boat Name	Status	Time Departed	Time Arrived
No.18 Kaiko-Maru	Chikyu	15:00	

Personnel @24:00

CDEX	13
MQJ Crew	96
MQJ (Other)	1
MWJ	20
Scientist	29
Telnite	1
Sch-LWD	2
Sch-WL	1
Magnum	2
Franks	0
WWT	0
OCC	2
NOV	1
Core-IRM	0
Other	1
Total	169

Mud Volume (m3)

Pre-Hyd.	345
Kill mud (1.30sg)	71
Premix SW	70
Sea Water Gel	132

Mud Materials on Board @24:00hrs (unit: kg)

Item	Received	Used	Stock
Barite (Bulk)	0	0	557,500
Bentonite (by S.Lanka)	0	14,000	26,000
Kunigel-VO (Bulk)	0	0	212,000
NaOH	0	0	9,550
Lime	0	0	9,460
XCD-Polymer	0	0	100
Rester	0	0	3,000
Baracor-100 (gal)	0	0	110
Telnite OS-5	0	0	120
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0

Marine Information @24:00

Heave (m)	0.5
Pitch (deg)	0.5
Roll (deg)	0.2
Vessel Heading (deg)	80
Riser Tension (ton)	-
V.D. Load (Moon)	12714.4
Max Draught (m)	9.0
Thruster (kW)	760

Helicopter Information

Flt. No.	Time Arrived	Time Departed	Passenger Are.	Passenger Dept.
1				
2				
3				
4				
5				

Safety (HSE) and other information

Incident	Last Incident	No. LTA
LTA		
HUNS cards	15	

Remarks

Weather Information

Time	Weather	Temp. (degC) Air	Temp. (degC) SW	Barometer (hPa)	Wind Speed (m/s)	Wind Dir. (deg)	Wind Gust (m/s)	Wave Height (m)	Wave Dir. (deg)	Wave Period (s)	Current Speed(knt)	Current Dir. (deg)	Visibility (km)
24:00	c	8.0	13.8	1028.2	7.4	37.0	8.6	2.6	70	8.9	0.1	220	22

Today's Schedule : POOH 20"casing. Troubleshoot 20"CSG Running Tool. Make up LWD BHA.