Chikyu DAILY MORNING REPORT

Mission No. : CK12-02 **Exp. No. :** Exp 343 **Report No. :** 20

Site Name : JFAST3 **Hole Name :** C0019A **Lat.** 37°56.3367N **Long.** 143°54.8100E **Report Date :** 21/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 : 20-Apr : POOH 20"Casing. Check & test Casing Running Tool, Lay down 20" Casing.

Present Operation to 06:00 on 21-Apr : Continue lay down 20"Casing and Running Tool. Investigate HR1. Make Up LWD BHA.

Time Breakdown (00:00 - 24:00 on 20-Apr)

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

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 Duel Elevator.
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	11:30	8:30	CSG	Continue POOH 20" Casing from 4070 to 188.5m, on 5-1/2" S140 and 5" S-140 Drill pipe using Duel Elevator (Upper).
11:30	12:30	1:00	Other(N)	Rig Down Duel Elevator (Upper). Pick Up Upper Guide Horn.
12:30	13:00	0:30	CSG	Continue POOH 20" Casing from 188.5m to Surface, on 5"DP using Duel Elevator.
13:00	15:15	2:15	CSG	Hold TBRA. Lay out upper guide horn section. Rig down all handling gears for upper guide horn.
15:15	15:30	0:15	CSG	Continue POOH 20"Casing from 188.5m to 150m.
15:30	16:45	1:15	CSG	Change elevator inserts to 5.68" HWDP. POOH from 150m to 42m.
16:45	17:30	0:45	CSG	Remove master bushing. Install clamps onto W/head. Land same onto RT. Engage HPS onto strings.
17:30	19:45	2:15	Other	Investigation and test casing running tool.
19:45	22:00	2:15	CSG	Hold TBRA, Lay out Casing running tool using HR2, Rack back inner strings BHA.
22:00	22:45	0:45	CSG	Rig up CSG handling tools, Pick up 5-1/2" S-140 Pup jt and make up pad eye sub onto same.
22:45	23:00	0:15	CSG	Hold Pre-job safety meeting to lay out 20" CSGs.
23:00	0:00	1:00	CSG	Break out and lay out W/head joint.
				(6:45-15:55) Supply boat Kaiko on site and load equipment, watch helicopter landing.
				(22:00) Vessel move to the position that additional transponder drop and should be deployed.

Time Breakdown (00:00 - 06:00 on 21-Apr) * The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Detail of Operation	
0:00	1:00	1:00	CSG	Continue Break and lay down 20"Casing.	Meanwhile,
1:00	2:15	1:15	Other(N)	Install Upper Guide Horn.	(0:30) Additional Transponder reach to Bottom @6656m.
2:15	3:45	1:30	CSG	Break and lay down 20"Casing Running Tool.	(2:00) Finish calibration of additional Transponder.
				Break single HWDP and check to dart. Latching position is buried in scale.	
3:45	5:00	1:15	Other(N)	Investigate HR1.	Meanwhile, Check running tool in core tech workshop.
5:00	6:00	1:00	Other(N)	Make up LWD BHA.	
				(6:00) Make up ARC-6 x Telescope x proVISION.	

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	1.03	65	7	38	26	28			10.0							0.21	12.26	15	
Prehy Gel	24:00	Pit	1.05	183	59	62	13	50			9.0							0.57	3.40	18	

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	91.8	85.1	324.1
Potable Water	m3	0.0	4.5	250.5
Drill Water	m3	0.0	3.1	1,705.6
Fuel	m3	0.0	42.3	3,322.9
Lube, Oil	Ltrs	0.0	1500.0	108,800.0
Heli Fuel	Ltrs	0.0	0.0	800.0

Boat Information@24:00

Boat Name	Status	Time Departed	Time Arrived
No.18 Kaiko-Maru	-		
kaiko	Chikyu	15:55	6:45

Personnel @24:00

CDEX	13
MQJ Crew	96
MQJ (Other)	1
MWJ	19
Scientist	29
Telnite	1
Sch-LWD	3
Sch-WL	1
Magnum	3
Franks	0
WWT	0
OCC	2
NOV	1
Kaiyodenshi	2
Core-IRM	0
Other	1
Total	172

Mud Volume (m3)

Pre-Hyd.	423
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	7,600	18,400
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)	0.8
Pitch (deg)	0.5
Roll (deg)	0.3
Vessel Heading (deg)	35
Riser Tension (ton)	-
V.D. Load (Moon)	12674.4
Max Draught (m)	9.0
Thruster (kW)	900

Helicopter Information

Flt. No.	Time Arrived	Time Departed	Passenger Are.	Passenger Dept.
1	8:39	9:50	13	14
2	13:35	14:55	6	2
3				
4				
5				

Safety (HSE) and other information

Incident	Last Incident	No. LTA
LTA		
HUNS cards	17	

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	6.0	13.8	1029.8	8.1	27.0	9.5	2.2	70	8.5	0.4	157	22

Today's Schedule : Continue make up LWD BHA. Check to survey on surface. Run LWD BHA.