Chikyu DAILY MORNING REPORT

Mission No. : CK18-01 **Exp. No. 380** **Report No. :** 4

Site Name : C0006 **Hole Name :** C0006G **Lat.** **Long.** **Report Date :** 16/Jan/2018

Depth : @24:00 mBRT mbsf Progress : m Seabed Depth : mBRT RT-MSL : 28.5 m

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

Summary of Operation on **15-Jan** : Stand-by @ Shimizu Port. Move to C0006 site. Preparation for operations.

Present Operation to 06:00 on **16-Jan** : Cont. move to C0006 site. MU internal drilling BHA and rack back. Field arrival check and deploy transponders.

mBRT: meter below rotary table

Time Breakdown (00:00 - 24:00 on **15-Jan**) mbsf: meter below sea floor

From	To	Hrs	Code	Detail of Operation
0:00	9:00	9:00	OTHER	Stand-by @ Shimizu Port.
				Install wellhead helix adaptor and clamp to wellhead
				MU DAT and 6m pony DC(Coring)
				MU HART for handling, XO and 6m pup DP @Core tech
9:00	24:00	15:00	MOVE	Move to C0006 site
				Continue mixing mud(Brine 1.19sg (160m3), PHG 1.06sg (135m3))
				MU CHRT for handling, XO and 6m pup DP @Aux
				20in CSG thread cleaning
				Load DeepSea EXPRESS Top and Bottom plug to CMT head.
				MU DeepSea EXPRESS CMT stand and rack back same.
				Function test for DAT to confirm DAT does not shift to "Unlock" side from "Lock" side by applying internal pressure with 3,000psi x 15min: OK
				PU and MU XO(ACME thread x 4-1/2IF Box) x XO (4-1/2IF Pin x 5-1/2FH DSTJ Box) x Activation kit w/CHRT at Aux. well.
				@23:40 Meiji-maru arrive at C6 site.
				Site current: 0.3knot, 221deg.

Time Breakdown (00:00 - 06:00 on **16-Jan**) * The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Detail of Operation
0:00	3:00	3:00	OTHER	Continue move to C0006 site.
				MU internal drilling BHA and rack back
				Bit: in gauge, STB OD: 12-3/16in, Ported float: OK, Screen: OK, Motor gap 1/8in(Free weight 3-1/8in, compress 3in)
				Function test for DAT to confirm DAT does not shift to "Lock" side from "Unlock" side by applying internal pressure with 3,000psi x 15min: OK
3:00	6:00	3:00	DPS	Field arrival check and deploy 4ea transponders
				Prepare to run 20in CSG(change elevator and master bushing)
				Current check by Meiji-maru depth current (direction) depth current (direction) depth current (direction)
				SW 5mile from C6 site 15m 0.5knot(240deg) 60m 0.8knot(248deg) 90m 0.4knot(243deg)
				SW 10mile from C6 site 15m 1.0knot(252deg) 60m 0.7knot(258deg) 90m 0.7knot(263deg)
				SW 15mile from C6 site 15m 1.1knot(252deg) 60m 0.9knot(257deg) 90m 0.9knot(262deg)
				SW 20mile from C6 site 15m 1.1knot(227deg) 60m 0.9knot(225deg) 90m 0.8knot(225deg)
				(04:39) Deploy transponder #1

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

BHA Record

Hook Wt. (kN) @ mBRT

Total Hook Weight	
HPS & Traveling block	700

Mud Properties

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	Gel St. (10", 10')	WL	Cake	pH	Pf	Cl-	Sand	Oil	Solid	K+	LGS	MBC	Temp In	Temp Out	n	K
PHG	17:00		1.06	193	27	50	45 60			8.8									15		0.43	5.16

Geologic Information

From	To	Lithology of core

Personnel @24:00

CDEX	9
Scientist	26
MQJ Crew	98
MQJ (Other)	2
MWJ	15
NuStar	3
Cementing (Sch)	1
Motor (Halliburton)	1
Telnite	1
Trainee	2
K2	2
	0
Total	160

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

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

Safety (HSE) and other information

Incident	Last Incident	No. LTA
LTA		
HUNS cards	15	

Remarks

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

Item	Received	Used	Stock
Barite (Bulk) *	282,090		282,090
TEL-GEL (Bulk)	61,000	12,000	49,000
Kunigel VO (Bulk)	41,000		41,000
Caustic soda	2,200	150	1,950
Lime	1,900	160	1,640
XCD-Polymer	100		100
Baracor-100	420		420
Telnite OS-5	225		225
Deformer 30C	32		16
KCl	280		280
NaCl	40,000	25,000	0

Materials Stock on Board @24:00

Item	Unit	Received	Used	Stock
Fresh Water	m3	101.8	58.7	299.6
Potable Water	m3	0.0	5.6	343.5
Drill Water	m3	0.0	116.4	2,258.3
Fuel	m3	0.0	68.4	4,323.8
Lube, Oil	Ltrs	0.0	800	92,000
Heli Fuel	Ltrs	0.0	0	0.0

Mud Volume (m3)	
Prehy Gel (1.06sg)	135
SWG (1.04sg)	0
NaCl Brine (1.19sg)	160

Marine Information @24:00

Heave (m)	0.3
Pitch (deg)	0.2
Roll (deg)	0.2
Vessel Heading (deg)	222
Riser Tension (ton)	-
V.D. Load (Moon)	13677.7
Max Draught (m)	9.00
Thruster (kW)	13,450

* Include carried over materials

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	bc	13.0	17.0	1025.2	10.3	292.0	11.8	1.5	310	5.3	0.4	270	22

Today's Schedule : Continue deploy transponders and DPS calibration. MU and run 20in CSG

Reported by : T.Yokoyama / N.Sakurai

Approved by : T.Saruhashi