Chikyu DAILY MORNING REPORT

Mission No. : CK18-01 **Exp. No. 380** **Report No. :** 11

Site Name : C0006 **Hole Name :** C0006G **Lat.** 33° 01.6388'N **Long.** 136°47.6463'E **Report Date :** 23/Jan/2018

Depth : @24:00 **4,299.0** mBRT **399.0** mbsf Progress : **0.0** m Seabed Depth : **3,900.00** mBRT RT-MSL : **28.5** m

Depth : @06:00 **4,299.0** mBRT **399.0** mbsf Drilling/Coring/Jetting Hrs. : **0.00** hrs LAST CASING : **9-5/8in** x **391.00** mbsf

Summary of Operation on **22-Jan** : Cont. Run 9-5/8"CSG CMTG. Unlock CHRT. Recover UWTV. POOH to surface. MU&Run 8-1/2"x9-7/8"Bi center bit BHA w/motor.

Present Operation to 06:00 on **23-Jan** : Cont. MU&Run 8-1/2"x9-7/8"Bi center bit BHA w/motor. Run UWTV. Lower bit to 3857mBRT.

mBRT: meter below rotary table

mbsf: meter below sea floor

Time Breakdown (00:00 - 24:00 on **22-Jan**)

From	To	Hrs	Code	Detail of Operation
0:00	1:45	1:45	CMTG	Continue 9-5/8"CSG CMTG.
				(00:00-00:25) Continue pump 1.50sg DeepCRETE. Total 90.9bbl(including surface line vol.: 1.6bbl). Drop Top dart.
				(00:25-00:30) Pump 12.6bbl of 1.03sg spacer (Mud Push Ⅱ).
				(00:30-01:36) Pump 333.2bbl of sea water.
				Observe Top & Bottom plug released by pressure drop after increasing pressure to 1211psi & 2250psi.
				Continue pumping sea water after Top plug released, and observe Top plug bump by increasing pressure.
				Hold 600 ~ 650 psi of pressure 5min.. Bleed off pressure and observe 1.0bbl return fluid.
1:45	2:15	0:30	OTHER	Unlock CHRT from 9-5/8"CSG hanger by acoustic function of Activation kit.
				Slack off 226kN and send acoustic signal to Activation kit from UWTV to release.
				Confirm CHRT unlocked from 9-5/8"CSG hanger by indicator and fluid comes out from lock side port.
2:15	3:00	0:45	TRIP	POOH to 4279mBRT.
				PU string to 4279mBRT to clear SST from wellhead.
				Lower UWTV to check SST is above wellhead and observe SST clear and 9-5/8"CSG hanger released from CHRT (Wellhead stick out: 3m).
				Rack back CMT stand and install sponge ball for cleaning of pipe inside. Recover UWTV to surface. **Top of Wellhead depth: 3897mBRT**
3:00	3:30	0:30	C&C	Break circulation 2 string volume w/600gpm x 5.0MPa.
				Continue to recover UWTV to surface.
3:30	4:30	1:00	OTHER	Recover UWTV to surface.
4:30	15:15	10:45	TRIP	POOH to surface.
				Rack back cement head stand.
				Bleed off pressure on Activation kit at moon pool before lay down Activation kit and Subsea Tool.
				Service CMC, HPS, elevator.
15:15	24:00	8:45	TRIP	MU & Run 8-1/2" x 9-7/8"Bi center bit w/motor BHA to 3870mBRT.
				Paind bit and bit sub with yellow.
				Conduct motor shallow test w/200gpm x 0.4MPa.
				STB OD: 8-7/16in, Motor gap 2mm (Free weight 52mm, compress 50mm)
				UWTV Pre-dive check.

Time Breakdown (00:00 - 06:00 on **23-Jan**) * The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Detail of Operation
0:00	4:00	4:00	TRIP	MU & Run 8-1/2" x 9-7/8"Bi center bit w/motor BHA to 3853mBRT.
				Fill up every 10stds.
				Continue UWTV Pre-dive check.
				Move vessel to 50m East from well center @01:30.
4:00	4:30	0:30	C&C	Break circulation w/400gpm x 6.2MPa.
				Check pressure: 300-400-500-600gpm x 3.5-6.2-9.6-13.8MPa.
				Move vessel to well center @04:15
4:30	5:30	1:00	OTHER	Run UWTV to 7m above bit.
				Install UWTV to drill pipe and UWTV Guide Sheave @100mWD.
5:30	6:00	0:30	OTHER	Lower bit w/UWTV to 3857mBRT.

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
3	8.5x9.875	NOV	CSDR4219		126948	4 x 12, 2 x 14																	

BHA Record

2	9-5/8"CSG	(String) SST x XO x XO x Activation kit w/CHRT x 8-1/2"Coring DC (7) x XO x 5"DP (30stds) x XO x 5-1/2"DP (25std + 3m pup) x XO x 6-5/8"Z140 (15stds) x 6-5/8"UD165 (30stds) x CMT stand
3	Bi center bit	8-1/2"x9-7/8"Bi center bit x 6-3/4"DC (1) x XO x 6-3/4"Mud motor x Float sub x 6-3/4"DC (3) x XO 8-1/2"STB x XO x 6-3/4"DC (3) x 6-1/2"Jar x 6-3/4"DC (6) x XO x Churchill Drift sub x XO

Hook Wt. (kN) @ 1,907 mBRT

Hook Load	1,423
BHA	140
HPS & Traveling block	600

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	9:30		1.06	272	66	93	43	60			8.8									16		0.50	7.00
SWG	10:30		1.11	300	25	60	40	62			11.0									16		0.37	8.36
Kill mud	8:30		1.30	110	26	38	53	58			11.0									16		0.49	2.98

Geologic Information

From	To	Lithology of core
0:00	24:00	S/B Akatsuki
0:00	6:00	G/B Meijimaru #8

Helicopter	#1	On	Off	#2	On	Off	#3	On	Off
Flight									

Materials Stock on Board @24:00

Item	Unit	Received	Used	Stock
Fresh Water	m3	81.0	67.3	338.3
Potable Water	m3	0.0	7.6	317.0
Drill Water	m3	0.0	28.5	2,055.5
Fuel	m3	0.0	43.3	4,021.4
Lube, Oil	Ltrs	0.0	800	88,000
Heli Fuel	Ltrs	0.0	0.0	0.0

Personnel @24:00

CDEX	8
Scientist	23
MQJ Crew	94
MQJ (Other)	2
MWJ	15
NuStar	3
Cementing (Sch)	3
Motor (Halliburton)	1
Telnite	1
Trainee	5
Franks	2
Total	157

Mud Volume (m3)	
Prehy Gel (1.06sg)	108
SWG (1.11sg)	59
NaCl Brine (1.19sg)	130
Kill mud (1.30sg)	40

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

No.	Liner Size	SPM	GPM	Press. (MPa)	Ann. Vel. (m/min)
1	6	120	600	5.0	
2	6				
3	6				

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

Item	Received	Used	Stock
Barite (Bulk) *			270,000
TEL-GEL (Bulk)			38,000
Kunigel VO (Bulk)			41,000
Caustic soda		250	1,225
Lime		180	1,020
XCD-Polymer			100
Baracor-100		210	0
Telnite OS-5		150	0
Deformer 30C			16
KCl			280
NaCl		21,000	4,000

* Include carried over materials

Safety (HSE) and other information

Incident	Last Incident	No. LTA
LTA		
HUNS cards	32	

Remarks

Marine Information @24:00

Heave (m)	1.0
Pitch (deg)	0.9
Roll (deg)	0.3
Vessel Heading (deg)	265
Riser Tension (ton)	-
V.D. Load (ton)	13466.5
Max Draught (m)	9.00
Thruster (kW)	1,000

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	o	10.0	16.3	1010.8	6.7	329.0	8.0	4.0	20	7.5	0.4	245	22

Today's Schedule : Re-entry. Recover UWTV. RIH and DOC 9-5/8"CSG CMT. Drill ahead to 4395mBRT.

Reported by : K.Tabuchi / T.Yokoyama

Approved by : T.Saruhashi