Chikyu DAILY MORNING REPORT

Mission No. : CK18-01 **Exp. No.** 380 **Report No. :** 9

Site Name : C0006 **Hole Name :** C0006G **Lat.** 33° 01.6388'N **Long.** 136°47.6463'E **Report Date :** 21/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 : 20in x 54.00 mbsf

Summary of Operation on 20-Jan : Cont. MU & Run 9-5/8"CSG. PU & Run Activation kit w/CHRT. Charge accumulators. Run UWTV for pressure monitoring. Run 9-5/8"CSG.

Present Operation to 06:00 on 21-Jan : Cont. Run 9-5/8"CSG with UWTV. Pressure monitoring by UWTV.

mBRT: meter below rotary table

mbsf: meter below sea floor

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

From	To	Hrs	Code	Detail of Operation
0:00	7:45	7:45	CSG	Continue MU & Run 9-5/8"CSG to 388mBRT.
				(00:00-00:30) Rig up CSG handling equipment.
				(00:30-01:00) Hold TBRA.
				Check float valve at shoe joint.-OK
				Dope thread locking compound on first 7 jts and install bow centralizer on first 2 jts.
				Check float valve at collar joint.-OK
				Fill up every 10joints.
				Applied rig tong as back up when float collar joint is made up.
7:45	9:15	1:30	CSG	PU CHRT for handling and Connect CHRT to 9-5/8"CSG hanger on RTS.
				Gimbal bushing and CORK clamp are pre-assembled to 9-5/8"CSG hanger.
				Change elevator insert and remove master bushing.
9:15	10:00	0:45	CSG	Lower 9-5/8"CSG to Moonpool and Secure 9-5/8"CSG on Working cart.
				Shift RGR to AFT and working cart to well center.
				Swallow 9-5/8"CSG to Wellhead support plate and assemble Wellhead clamp on Wellhead support plate.
				Land 9-5/8"CSG hanger on Wellhead clamp.
10:00	10:45	0:45	CSG	Release CHRT at working cart and PU to rotary, and Lay out same.
10:45	11:15	0:30	CSG	Lower Subsea Tool (SST) w/tagger line and stab in 9-5/8"CSG, and secure SST on 9-5/8"CSG hanger.
				Assemble SST at drill floor.
11:15	13:30	2:15	CSG	PU & Run Activation kit w/CHRT and connect Activation kit w/CHRT to SST w/ACME thread and 9-5/8"CSG hanger.
				PU Activation kit to RTS and connect XO & 3m pup for pick up to well center.
				MU 8-1/2"Coring DC on Activation kit and lower below rotary table.
				Connect Activation kit and SST w/ACME thread at working cart.
				Stab in CHRT of Activation kit into 9-5/8"CSG hanger and lock CHRT using hand pump.
13:30	16:45	3:15	CSG	Charge Accumulators of Activation kit.
				Charge accumulators with 7000psi N2 and 10000psi BOP fluid and confirm pressure gauge for accumulators showing 10000psi for 15mins.
				Shift working cart to FWD and BOP cart to well center to swallow running string into RGR.
16:45	19:45	3:00	CSG	Run 9-5/8"CSG to 1410mBRT.
				Fill up every 10 stds.
19:45	22:15	2:30	CSG	Run UWTV to Activation kit for pressure monitoring (Activation kit @1003.5mBRT).
				Install and run UWTV to top of Activation kit and confirm accumulator pressure and unlock side pressure at 1409.9mBRT.
				Accumulator pressure:(Acoustic) 8000psi, (Mechanical) 8000psi, Unlock side pressure:(Acoustic) 0psi, (Mechanical) 0psi -OK
22:15	24:00	1:45	CSG	Run 9-5/8"CSG and UWTV to 2020mBRT.
				Resume running 9-5/8"CSG with UWTV. Fill up every 10 stds.

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

From	To	Hrs	Code	Detail of Operation
0:00	6:00	6:00	CSG	Continue run 9-5/8"CSG with UWTV to 3854mBRT.
				Fill up every 10 stds.
				UWTV standby until running 9-5/8"CSG 1000m and lower UWTV to Activation kit for pressure gauge check while filling up stands.
				(01:00-01:30) Confirm accumulator pressure and unlock side pressure at 2367mBRT (Activation kit @1959.5mBRT).
				Accumulator pressure:(Acoustic) 6500psi, (Mechanical) 6500psi, Unlock side pressure:(Acoustic) 0psi, (Mechanical) 0psi -OK
				(04:00-04:30) Confirm accumulator pressure and unlock side pressure at 3394mBRT (Activation kit @2986.5mBRT).
				Accumulator pressure:(Acoustic) 5000psi, (Mechanical) 5000psi, Unlock side pressure:(Acoustic) 0psi, (Mechanical) 0psi -OK
				Connect top drive and break circulation drill string volume w/400gpm x 1.8MPa, on going.
				Lower UWTV to 7m above Activation kit during break circulation.

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

2	9-5/8"CSG	(CSG) F/S joint x Thread lock BTC (3jts) x XO x Thread lock ER (1jt) x XO x F/C joint x 9-5/8"CSG (25jts) x 9-5/8"CSG 3m pup x 9-5/8"CSGHGR
		(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

Hook Wt. (kN) @ 2,020 mBRT

Hook Load	1,575
CSG	233
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	13:00		1.08	260	63	94	41 47			8.8									16		0.49	7.55
SWG	14:00		1.11	300	46	118	90 111			11.0									16		0.36	17.74
Kill mud	15:00		1.30	110	26	38	41 54			11.0									16		0.49	2.98

Geologic Information

From	To	Lithology of core
0:00	4:00	S/B Akatsuki
0:00	24:00	G/B Meijimaru #8

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

Personnel @24:00

CDEX	9
Scientist	23
MQJ Crew	94
MQJ (Other)	3
MWJ	15
NuStar	3
Cementing (Sch)	3
Motor (Halliburton)	1
Telnite	1
Trainee	5
Franks	2
Total	159

Mud Volume (m3)	
Prehy Gel (1.06sg)	108
SWG (1.11sg)	59
NaCl Brine (1.19sg)	79
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				
2	6				
3	6				

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

Item	Received	Used	Stock
Barite (Bulk) *		1,000	270,000
TEL-GEL (Bulk)			38,000
Kunigel VO (Bulk)			41,000
Caustic soda			1,475
Lime			1,200
XCD-Polymer			100
Baracor-100			210
Telnite OS-5			150
Deformer 30C			0
KCl			0
NaCl			25,000

Safety (HSE) and other information

Incident	Last Incident	No. LTA
LTA		
HUNS cards	20	
Remarks		

Marine Information @24:00

Heave (m)	0.6
Pitch (deg)	0.3
Roll (deg)	0.1
Vessel Heading (deg)	50
Riser Tension (ton)	-
V.D. Load (ton)	13309.0
Max Draught (m)	9.00
Thruster (kW)	8,000

Materials Stock on Board @24:00

Item	Unit	Received	Used	Stock
Fresh Water	m3	81.2	55.4	315.1
Potable Water	m3	0.0	3.4	328.2
Drill Water	m3	0.0	0.0	2,084.0
Fuel	m3	0.0	41.3	4,105.8
Lube, Oil	Ltrs	0.0	1,200	88,800
Heli Fuel	Ltrs	0.0	0	0.0

* 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	11.5	16.4	1018.7	6.5	51.0	7.6	1.6	30	6.5	0.3	275	22

Today's Schedule : Cont. Run 9-5/8"CSG with UWTV. Pressure monitoring. Re-entry. 9-5/8"CSG cementing. POOH.

Reported by : K.Tabuchi / T.Yokoyama

Approved by : T.Saruhashi