Chikyu DAILY MORNING REPORT

Mission No. : CK18-01 **Exp. No.** 380 **Report No. :** 18

Site Name : C0006 **Hole Name :** C0006G **Lat.** 33° 01.6388'N **Long.** 136°47.6463'E **Report Date :** 30/Jan/2018

Depth : @24:00 4,395.0 mBRT 495.0 mbsf Progress : 0.0 m Seabed Depth : 3,900.00 mBRT RT-MSL : 28.5 m

Depth : @06:00 4,395.0 mBRT 495.0 mbsf Drilling/Coring/Jetting Hrs. : 0.00 hrs LAST CASING : 9-5/8in x 391.00 mbsf

Summary of Operation on **29-Jan** : Cont. POOH to surface. Prepare LTBMS completion run. Run LTBMS completion.

Present Operation to 06:00 on **30-Jan** : Cont. Run LTBMS completion. Sensor health check.

Time Breakdown (00:00 - 24:00 on **29-Jan**)

mBRT: meter below rotary table

mbsf: meter below sea floor

From	To	Hrs	Code	Detail of Operation
0:00	2:00	2:00	TIRP	Cont. POOH 9-5/8"Scraper BHA to surface.
				MU Bull nose, Circulation sub and Float collar with 3-1/2"TBG R3 and install centralizers as per tally.
				Lower 2 x Spoolers to BOP cart and install air hose from rig supply.
				*(01:40 to 3:28)Vessel move to 3mile up current
2:00	5:30	3:30	COMPLETION	Prapare LTBMS Completion running.
				Arrange mooonpool.
				Shift CGR to wellcenter and Shift RGR to AFT slightly (RGR door is closed). Slide CGR working platform.
				Pass Sensor cable & Flatpack through MUX cable sheave and Blue sheave with messanger rope.
				Arrange 1/4"tubing on RGR upper worker platform.
				Transfer Measurement Van (20'container) behind BOP cart.
5:30	12:30	7:00	COMPLETION	Run LTBMS Completion to 61mBRT.
				Install mini-screen above bull nose and connect 1/4"hydraulic tubing, and bind 1/4"hydraulic tubing to 3-1/2"TBG w/SUS band.
				Once PU Strainmeter w/H-frame w/soft sling onto RTS, but scientist concerns about strainmeter is choked by soft sling (Check Strainmeter; OK).
				PU Strainmeter to middle pipe deck w/hanging at shackle of H-frame and install protector cover.
				PU strainmeter w/scientist's requirement hanging point and MU same w/bolts at Flange.
				Install 3-1/2"x9-7/8"spring bow type centralizer at top of 3-1/2"TBG below XO sub (VAMTOP 9.2ppf Pin x Flange).
				Connect 1/4"hydraulic tubing to tubing from mini-screen and Strainmeter once confirm which tubings are from Strainmeter or min-screen.
				MU Sensor Carrier onto Strainmeter w/XO sub (Flange x VAMTOP 9.2ppf box) and bolts.
				Remove 3-1/2"x9-7/8" centralizer because centralizer can rotate slightly by hand and 1/4"tubing might be damaged when adjust the string orientation.
				Run Strainmeter to moonpool and remove protector cover.
				@10:30 Find Derrick Top Pole broken and secure same due to corrosion and vibration for a long time at welding part.
12:30	15:30	3:00	COMPLETION	Install sensor cables on each sensors @Moonpool (Strainmeter, Seismometer, Tiltmeter, Thermistor)
				Install sensor cables to CGR cable slot for prevent pinch between CGR rollers and TBG
15:30	17:30	2:00	COMPLETION	#1 Sensor health check
				Confirm all sensors good (Strainmeter, Seismometer, Tiltmeter, Thermistor)
17:30	24:00	6:30	COMPLETION	Continue to run LTBMS Completion to 147mBRT, on going.
				Bind Sensor cables w/Tie wrap on lower worker platform and Flatpack w/SUS band on upper worker platform.
				Apply rubber sleeve to sensor cables when tighten SUS band over the centralizer.
				Adjust sensor cable orientation for attach to TBG centralizer.
				Install Flatpack cable for Mini screen and Strainmeter
				Confirm Flatpack cable #1, #2, #3 assinment and record same
				Apply rubber sheat above instrument carrier for cable protection
				Find Joint No.84 of 3-1/2"TBG tiny protrude at pin end, skip No.84 joint.
				Repair Joint No.84 joint with sand paper and scotch brite to flat.

Time Breakdown (00:00 - 06:00 on **30-Jan**) * The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Detail of Operation
0:00	0:30	0:30	COMPLETION	Continue to run LTBMS Completion to 147mBRT.
				Bind Sensor cables w/Tie wrap on lower worker platform and Flatpack w/SUS band on upper worker platform.
				Apply rubber sleeve to sensor cables when tighten SUS band over the centralizer.
0:30	2:15	1:45	COMPLETION	#2 Sensor health check @147mBRT.
				Confirm all sensors good (Strainmeter, Seismometer, Tiltmeter, Thermistor)
2:15	6:00	3:45	COMPLETION	Resume to run LTBMS Completion to 240mBRT (Run No.23), on going.
				Bind Sensor cables w/Tie wrap on lower worker platform and Flatpack w/SUS band on upper worker platform.
				Apply rubber sleeve to sensor cables when tighten SUS band over the centralizer.
				Run Joint No.84 joint above Run No.14.
				Terminate Thermistor cable end along 3-1/2"TBG (Run No. 21) w/Tie wrap.
				T2: 245.774mbsf, T1: 240.814mbsf, Thermistor end: 237.814mbsf.

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
6	8.5	TIX	MS		60903-T	3 x 20	4189.0	4290.0	101.0	1.8			0	0	0.0	1	1	WT	G	F	I	NO	BHA

BHA Record

6	Scraper	8-1/2"Bit x 9-5/8"Scraper x XO x 6-3/4"DC (3) x XO x 8-1/2"Stab. X XO x 6-3/4"DC (3) x Jar x 6-3/4"DC (3) x XO

Hook Wt. (kN) @ 147 mBRT

Hook Load	624
BHA	100
BHA (Below Jar)	61
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	11:00	PHG	1.06	300	38	50	42 80			8.6									16		0.52	3.49
SWG	13:00	SWG	1.11	300	47	94	75 93			11.0									16		0.42	10.60
Kill Mud	14:00	KillMud	1.30	107	35	32	36 50			11.0									16		0.61	1.53

Geologic Information

From	To	Lithology of core
0:00	24:00	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	10
Scientist	15
MQJ Crew	95
MQJ (Other)	2
MWJ	15
NuStar	3
Cementing (Sch)	3
Packer (Hal)	1
Telnite	1
Trainee	4
Franks	4
ODI	2
Total	155

Mud Volume (m3)

Prehy Gel (1.06sg)	50
SWG (1.11sg)	30
NaCl Brine (1.19sg)	100
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				0
2	6				0
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			1,225
Lime			1,020
XCD-Polymer			100
Baracor-100			0
Telnite OS-5			0
Deformer 30C			16
KCl			140
NaCl			0

* Include carried over materials

Safety (HSE) and other information

Incident	Last Incident	No. LTA
LTA		
HUNS cards	54	

Remarks

Materials Stock on Board @24:00

Item	Unit	Received	Used	Stock
Fresh Water	m3	103.5	85.0	299.5
Potable Water	m3	0.0	7.0	288.3
Drill Water	m3	0.0	0.0	2,002.0
Fuel	m3	0.0	43.6	3,709.4
Lube, Oil	Ltrs	0.0	0	83,600
Heli Fuel	Ltrs	0.0	0.0	0.0

Marine Information @24:00

Heave (m)	0.2
Pitch (deg)	0.2
Roll (deg)	0.2
Vessel Heading (deg)	335
Riser Tension (ton)	-
V.D. Load (ton)	12778.9
Max Draught (m)	9.00
Thruster (kW)	1,500

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	7.0	16.0	1013.1	12.4	313.0	14.0	1.5	242	5.1	0.4	242	22

Today's Schedule : Cont. Run LTBMS Completion w/attaching sensor cables &Flatpack. Install sensor cables to Swellable packer.

Reported by : N.Sakurai / T.Yokoyama

Approved by : T.Saruhashi