

Chikyū DAILY MORNING REPORT

Mission No.: CK18-01 Exp. No. 380

Report No.: 24

Site Name: C0006 Hole Name: C0006G Lat. 33° 01.6388'N Long. 136°47.6463'E Report Date: 5/Feb/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 4-Feb : Continue attempt to release RT, Arrange CMT head for wireline job
 Present Operation on 5-Feb : Continue attempt to release RT.
 Time Breakdown (00:00 - 24:00 on 4-Feb)

From	To	Hrs	Code	Detail of Operation
0:00	1:00	1:00	COMPLETION(N)	Continue re-tighten UWTV sleeve for Activation kit mechanical function
1:00	2:15	1:15	COMPLETION(N)	Run UWTV to Activation kit
2:15	3:30	1:15	COMPLETION(N)	Attempt to release HART from CORKhead by mechanical function of Activation kit. Attempt to open last valve and activate mechanical function of Activation kit by UWTV. Passage several times. Observe reduced friction load by number of passages.
3:30	4:00	0:30	COMPLETION(N)	Recover UWTV to surface and cock UWTV sleeve for Activation kit mechanical function Change hook position and tilt whole UWTV balance to increase force to open valve.
4:00	5:15	1:15	COMPLETION(N)	Run UWTV to Activation kit
5:15	6:30	1:15	COMPLETION(N)	Attempt to release HART from CORKhead by mechanical function of Activation kit and conduct sensor test. Attempt to open last valve and activate mechanical function of Activation kit by UWTV. Observe reduced friction load by number of passages. #4 Sensor test. Confirm all sensors good (Strainmeter, Seismometer, Tiltmeter, Thermistor) except for #5 Thermistor sensor @407.358m Meanwhile: (From 5:20 to 5:55) Change vessel heading 110deg, portside while rotate string 90deg clockwise.
6:30	10:15	3:45	COMPLETION(N)	Recover UWTV to surface and put rubber on UWTV sleeve for Activation kit mechanical function Change hook position as before. Paste 4ea rubber sheets (5mm x 50cm x 1.2m) on inside UWTV sleeve to reduce internal diameter. Put fiber tape over rubber sheets and put grease on fiber tape to reduce friction. Apply sea fasten x 3ea to outside guide sleeve Meanwhile: (at 8:24) S/B Akatsuki recover transponder beacon (2ea/4ea).
10:15	11:30	1:15	COMPLETION(N)	Run UWTV to Activation kit
11:30	12:00	0:30	COMPLETION(N)	Attempt to release HART from CORKhead by mechanical function of Activation kit and conduct sensor test. Attempt to open last valve and activate mechanical function of Activation kit by UWTV: not success
12:00	20:00	8:00	COMPLETION(N)	Recover UWTV to surface and put metal plate onto UWTV sleeve for Activation kit mechanical function Apply welding 12mm metal plate w/ 45deg taper to guide sleeve for making UWTV sleeve ID smaller Confirm guide sleeve inner diameter change from 34in to 33.5in (Activation kit Max OD: 33in) Apply sea fasten x 3ea to outside guide sleeve
20:00	21:45	1:45	COMPLETION(N)	Run UWTV to Activation kit
21:45	22:30	0:45	COMPLETION(N)	Attempt to release HART from CORKhead by mechanical function of Activation kit Attempt to open last valve and activate mechanical function of Activation kit by UWTV UWTV not pass Activation kit pin due to hang by metal plate (Taper: 45deg). UWTV slack off and take weight 10kN to 12kN onto Activation kit pin: not success
22:30	23:45	1:15	OTHER	Arrange CMT head for wireline job CMT off and set slip, break out top of CMT head and remove internal cap for CMT head Keep monitoring CORKhead by UWTV while removing CMT head cap
23:45	24:00	0:15	COMPLETION(N)	Recover UWTV to surface

Time Breakdown (00:00 - 06:00 on 5-Feb) * The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Detail of Operation
0:00	4:15	4:15	COMPLETION(N)	Continue Recover UWTV to surface and adjust metal shape on UWTV sleeve for Activation kit mechanical function Reduce metal plate thickness from 12mm to 10mm and reduce taper to 30deg from 45deg. Confirm guide sleeve inner diameter change from 33.5in to 33.4in (Activation kit Max OD: 33in) Apply sea fasten x 3ea to outside guide sleeve
4:15	5:30	1:15	COMPLETION(N)	Run UWTV to Activation kit
5:30	6:00	0:30	COMPLETION(N)	Attempt to release HART from CORKhead by mechanical function of Activation kit Attempt to open last valve and activate mechanical function of Activation kit by UWTV w/ 10m/s~25m/s and slack off weight of 700kN.

Bit No.	Size (in)	MFR	Type	IADC Code	S/No.	Nozzles	Depth (mBRT)		Meter-age	Hrs.	WOB (kN)				rpm	Total Rev. (krev)	Dull Condition						
							From	To			Min.	Max.	Min.	Max.			Inner	Outer	Dull	Loc.	B	G	O.D.

Mud Properties															Hook Wt. (kN) @ 467 mBRT										
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	Hook Load	LTBMS completion	HPS & Traveling block
PHG	9:00	PHG	1.06	280	32	58	45 : 74	8.5											16		0.44	5.83	670	70	
SWG	11:00	SWG	1.11	260	25	63	43 : 45	10.7											16		0.36	9.23			
Kill Mud	13:00	KillMud	1.30	94	37	22	20 : 40	10.6											16		0.70	0.74			600

Geologic Information		Lithology of core	
From	To		
0:00	24:00	S/B Akatsuki	
0:00	15:00	G/B Meijamaru #8	

Personnel @24:00	
CDEX	7
Scientist	15
MCJ Crew	95
MCJ (Other)	2
MMJ	15
NuStar	3
Cementing (Sch)	2
Telrite	1
Trainee	4
OCC	3
Total	147

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				0
3	6				0

Safety (HSE) and other information		
Incident	Last Incident	No. LTA
LTA		
HUNS cards	37	
Remarks		

Materials Stock on Board @24:00				
Item	Unit	Received	Used	Stock
Fresh Water	m ³	83.3	88.4	321.3
Potable Water	m ³	0.0	3.3	264.8
Drill Water	m ³	0.0	14.0	1,346.0
Fuel	m ³	0.0	44.0	3,453.7
Lube Oil	Ltrs	0.0	0.0	80,700
Hel Fuel	Ltrs	0.0	0.0	0.0

Mud Volume (m ³)	
Prehy Gel (1.09sg)	50
SWG (1.11sg)	36
NaCl Brine (1.19sg)	60
Kill mud (1.30sg)	40
Suspend Fluid	60

Mud Materials on Board @24:00hrs (unit: kg)			
Item	Received	Used	Stock
Barite (Bulk)			267,000
TEL-GEL (Bulk)			38,000
Kungel VO (Bulk)			41,000
Caustic soda			1,225
Lime			1,020
XCD-Polymer			100
Baracor-100			0
Telrite OS-5			0
Deformer 30C			16
KCl			140
NaCl			0

Marine Information @24:00	
Heave (m)	0.3
Pitch (deg)	0.2
Roll (deg)	0.2
Vessel Heading (deg)	290
Riser Tension (ton)	-
Y.D. Load (ton)	12503.4
Max Draught (m)	9.00
Thruster (kW)	870

Weather Information		Temp. (degC)		Barometer		Wind			Wave			Current			Visibility	
Time	Weather	Air	SW	(hPa)	Speed (m/s)	Dir. (deg)	Gust (m/s)	Height (m)	Dir. (deg)	Period (s)	Speed(knt)	Dir. (deg)	Speed (knt)	Dir. (deg)	(km)	
24:00	c	5.0	15.6	1016.5	12.3	315.0	14.6	2.2	270	6.1	0.3	268			22	

Today's Schedule : Cont. release RT. Circulate through string. POOH RT assy.

Reported by : N Sakurai / K. Tabuchi
 Approved by : T.Saruhashi / T.Ikawa