

Chikyū DAILY MORNING REPORT

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

Report No.: 22

Site Name: C0006 Hole Name: C0006G Lat. 33° 01.6388'N Long. 136°47.6463'E
 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 2-Feb : Continue termination. Test CMG sensor. Re-install CMG cable and test again. Activation kit charge. Run completion assembly
 Present Operation to 06:00 on 3-Feb : Continue Run completion assembly
 Time Breakdown (00:00 - 24:00 on 2-Feb)

mBRT: meter below rotary table
 mbsf: meter below sea floor

From	To	Hrs	Code	Detail of Operation
0:00	7:30	7:30	COMPLETION(N)	Continue reterminate CMG sensor cables by ODI engineer in 20ft container. (From 0:00 to 0:15) Sensor health check: OK (From 0:15 to 7:00) Perform hardening for connector (From 7:00 to 7:30) Sensor health check: OK
7:30	9:15	1:45	COMPLETION(N)	Install CMG sensor cable on CORKhead. Pull CMG sensor cable out of 20' container and bundle pressure housing and tail cable. PU pressure housing with sensor cable on RGR upper worker platform. PU and secure CORKhead to access from RGR platform. Wind and secure sensor cable w/ tie wrap on cable bay. Install FACT connector on connector bay
9:15	12:30	3:15	COMPLETION(N)	Sensor health check. (From 9:15 to 9:50) Sensor health check w/Test cable for 3 x sensor cable (CMG, Tiltmeter and Strainmeter): All sensors OK (From 9:50 to 11:40) Install cables between FACT UMC to acoustic modem (From 11:40 to 12:50) Conduct communication test through acoustic modem for 3 x sensor cable (CMG, Tiltmeter and Strainmeter): All sensors OK
12:30	14:15	1:45	COMPLETION	Run and secure CORKhead on wellhead support frame Remove CORKhead clamp for passing RGR head at RGR upper platform Run CORKhead into water 5min for fill up hydraulic line by seawater (Miniscreen and Strainmeter: 2way valve "Open", 3way valve "Ocean") PU CORKhead valve bay until cart level, set up valve and secured by Tiewrap (Miniscreen and Strainmeter: 2way valve "Close", 3way valve "Ocean") Skid BOP cart to AFT, then skid working cart to AFT and swallow into wellhead support frame Re-attach CORKhead clamp and set wellhead support clamp, then locate CORKhead on wellhead support frame and secure same Release handling HART from CORKhead by NuStar Meanwhile: Remove bridge and 20ft container transfer from moonpool
14:15	15:30	1:15	COMPLETION	Retrieve HART handling tool Meanwhile: Conduct function test for Activation kit acoustic valve: confirm valve functions by solenoid activation sound
15:30	17:00	1:30	COMPLETION	PU and Run Activation kit w/HART Stab into CORKhead on working cart Adjust Activation kit alignment for CORKhead (same direction: Activation kit acoustic accumulator pressure gauge and CORKhead connector bay) HART activated and install 2ea shear pins by NuStar
17:00	19:30	2:30	COMPLETION	Charge accumulators of Activation kit Charge N2: 7,200psi (hold 10min: OK), function fluid 10,000psi (hold 15min: OK)
19:30	22:45	3:15	COMPLETION	Run completion assembly w/Activation kit to 1400mBRT Remove all protectors for mechanical function from activation kit Remove CORKhead clamp and wellhead support clamp, then skid working cart to FWD Paint 1m mark from activation kit to 30m, and 50m/100m big mark Skid bop cart to FWD and swallow DP into RGR (RGR door leave open) Fill up every 10stds Meanwhile UWTV pre-dive check: OK, Acoustic transponder for UWTV: OK
22:45	24:00	1:15	OTHER	Run UWTV Skid both cart to AFT Install UWTV to DP

Time Breakdown (00:00 - 06:00 on 3-Feb) * The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Detail of Operation
0:00	1:15	1:15	OTHER	Continue run UWTV to Activation kit Continue install and run UWTV to top of Activation kit, confirm accumulator pressure and unlock side pressure (Activation kit @1,000mBRT) Accumulator pressure:(Acoustic) 8,500psi, (Mechanical) 8,500psi, Unlock side pressure:(Acoustic 1 and 2) 1,500psi_hydrostatic, (Mechanical) 0psi : OK #1 Sensor test: Confirm all sensors good (Strainmeter, Seismometer, Tiltmeter, Thermistor)
1:15	3:45	2:30	COMPLETION	Run completion assembly w/Activation kit to 2400mBRT Fill up every 10stds
3:45	4:00	0:15	OTHER	Run UWTV to Activation kit Run UWTV to top of Activation kit, confirm accumulator pressure and unlock side pressure (Activation kit @2,000mBRT) Accumulator pressure:(Acoustic) 7,000psi, (Mechanical) 7,000psi, Unlock side pressure:(Acoustic 1 and 2) 3,000psi_hydrostatic, (Mechanical) 0psi : OK
4:00	6:00	2:00	COMPLETION	Run completion assembly w/Activation kit to 3880mBRT Fill up every 10stds

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.			Min.	Max.	Inner	Outer	Dull	Loc.

BHA Record

															Hook Wt (kN) @	467	mBRT
															Hook Load	670	
															LTBMS completion	70	
															HPS & Traveling block	600	

Mud Properties

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	Gal St (10", 10')	WL	Cake	pH	Pf	Cl-	Sand	Oil	Solid	K+	LGS	MBC	Temp (°C)	n	K
PHG	14:00	PHG	1.06	300	47	81	60	88	8.5										16	0.45	7.68
SWG	13:00	SWG	1.11	300	37	86	70	72	10.9										16	0.38	11.55
Kill Mud	9:00	KillMud	1.30	100	38	25	24	43	10.7										16	0.68	0.90

Geologic Information

From	To	Lithology of core	Personnel @24:00
			CDEX 9
			Scientist 15
			MJQ Crew 95
			MJQ (Other) 2
			MWJ 15
			NuStar 3
			Cementing (Sch) 3
			Packer (Hal) 1
			Telithe 1
			Trainee 4
			Franks 4
			DDI 2
			DCC 3
			Total 157

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

No.	Liner Size	SFM	GPM	Press. (MPa)	Ann. Vel. (m/min)
1	6				
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
Baracos-100			0
Telithe OS-5			0
Deformer 30C			16
KCI			140
NaCl			0

Weather Information

Time	Weather	Temp. (degC)		Barometer		Wind			Wave			Current		Visibility (km)
		Air	SW	(hPa)	(hPa)	Dir. (deg)	Dir. (deg)	Gust (m/s)	Dir. (deg)	Dir. (deg)	Period (s)	Speed(knt)	Dir. (deg)	
24:00	o	11.0	15.9	1019.6	1019.6	6.6	86.0	7.8	2.7	50	7.0	0.3	325	22

Today's Schedule: Cont.Run completion assay to 3880mBRT. #2 Sensor test. Re-entry. RH completion assay to 455mbsf. #3 Sensor test. Completion string cementing. Release HART. #4 Sensor test.

Reported by: N.Sakurai / K.Tabuchi
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