Chikyu	DAILY	MORNII	NG REF	ORT	Mission No.: CK24-01 Exp. No.: 405 Report No.: 62	
Site Name		7,246.0		C0026		
	@06:00		mBRT	mbsf		
	sent Operat	of Operation tion @ 06:00	on 7-	Nov :	POOH mBRT: meter below rotary table	
From	To	wn (00:00 - Hrs	Code	Depth(mBRT)) mbsf: meter below sea floor Detail of Operation	
0:00	1:00	1:00	CORE	7,229.5	Recover inner barrel Recover inner barrel(Core recovery 2.70m/77.1%). Unload sinker bar.	
1:00	1:30	0:30	CORE	7,229.5	Drop C0026B #28K(SDRCB) inner barrel.	
					Drop inner barrel. Pump 5m3 of SWG w/275gpm. Confirm inner barrel landing by increasing pressure from 2.5 to 4.4MPa w/275gpm 33min after dropping.	
		***************************************			Then sweep out 5m3 of SWG w/650gpm x 19.9MPa	
1:30	4:30	3:00	CORE	7,232.5	Cut C0026B #28K(SDRCB) core from 7,229.5 - 7,232.5mBRT (273.5 - 276.5mbsf) 7,229.5 - 7,232.5mBRT (273.5 - 276.5mbsf), MP 200gpm x 2.7-3.9MPa, HPS 40rpm x 0.9-5.0kNm, WOB 10-45kN, Auto ROP 90m/hr	
				•	Torque and pressure indication is observed from 7,228.5mBRT(1.0m shallower than previous depth)	
					Pressure gradually increase while coring from 2.7 to 3.9MPa. And WOB and Compensator position also gradually increase until finish cut core. Load and run sinker bar. Recover inner barrel(Core recovery 3.25m/108.3%).	
4:30	5:30	1:00	CORE	7,232.5	Drop C0026B #29K(SDRCB) inner barrel.	
					Drop inner barrel. Confirm inner barrel landing by increasing pressure from 2.5 to 4.5MPa w/275gpm 33min after dropping.	
					Bottoms up w/650gpm x 20.0MPa	
5:30	8:00	2:30	CORE	7,235.5	Cut C0026B #29K(SDRCB) core from 7,232.5 - 7,235.5mBRT (276.5 - 279.5mbsf)	
	• • • • • • • • • • • • • • • • • • • •				7,232.5 - 7,235.5mBRT (276.5 - 279.5mbsf), MP 200gpm x 2.6-3.7MPa, HPS 40rpm x 0.9-5.0kNm, WOB 10-80kN, Auto ROP 90m/hr Pressure gradually increase while coring from 2.6 to 3.7MPa. And WOB and Compensator position also gradually increase until finish cut core.	
					Observe torque reduce from 5kNm to 3kNm at 7,235.0 to 7,235.5mBRT Load and run sinker bar. Recover inner barrel(Core recovery 2.39m/79.7%).	
8:00	9:00	1:00	CORE	7 235 5	Drop C0026B #30K(SDRCB) inner barrel.	
		1.00	OOIL	1,200.0	Unload sinker bar after drop inner barrel. Make a stand connection.	
					Pump 5m3 of SWG w/275gpm. Confirm inner barrel landing by increasing pressure from 2.6 to 4.3MPa w/275gpm 32min after dropping. Then sweep out 5m3 of SWG w/650gpm x 19.9MPa	
9:00	11:30	2:30	CORE	7,239.5	Cut C0026B #30K(SDRCB) core from 7,235.5 - 7,239.5mBRT (279.5 - 283.5mbsf)	
					7,235.5 - 7,237.0mBRT (279.5 - 281.0mbsf), MP 200gpm x 2.5-2.9MPa, HPS 40rpm x 0.9-12.0kNm, WOB 10-90kN, Auto ROP 90m/hr Observe Torque increase from 4 to 12kNm and pressure drop from 2.9 to 2.5MPa at 7,237.0mBRT, suspect formation changed from Brown clay to Chert.	
		†			Reduce ROP to 60m/hr due to WOB become >90kN. 7,237.0 - 7,239.5mBRT (281.0 - 283.5mbsf), MP 200gpm x 2.5-3.2MPa, HPS 40rpm x 2.0-14.0kNm, WOB 40-100kN, Auto ROP 60m/hr	
		†			Coring at transition zone from Brown clay to Chert formation	
					Increase torque and decrease pressure at Chert layer at 7,237mBRT, 7,238.5mBRT and 7,239.2mBRT Decrease torque and increase pressure at Brown clay layer at 7,238.0mBRT and 7,239.0mBRT	
				<u></u>	#30 coring advance was planned as 3m but after observe indication of formation change by coring parameter then extend to 4m advance. Load and run sinker bar. Recover inner barrel(Core recovery 1.50m/37.5%).	
11:30	12:45	1:15	CORE	7 239 5	Drop C0026B #31K(SDRCB) inner barrel.	
11.00	12.70	1.10	OOKL	7,200.0	Unload sinker bar after drop inner barrel. Make a stand connection. Pump 5m3 of SWG w/275gpm. Confirm inner barrel landing by increasing pressure from 2.6 to 4.7MPa w/275gpm 34min after dropping.	
					Then sween out 5m3 of SWG w/650gpm x 20 1MPa	
					While lowering string, observe torque fluctuation(0 - 6kNm) below 7,237.5mBRT. Increase HPS 10 -> 60 rpm and ream down, then torque gets back to normal.	
12:45	15:15	2:30	CORE	7,242.5	Cut C0026B #31K(SDRCB) core from 7,239.5 - 7,242.5mBRT (283.5 - 286.5mbsf) 7,239.5 - 7,242.5mBRT (283.5 - 286.5mbsf), MP 200gpm x 2.4-2.6MPa, HPS 80rpm x 0.9-14.0kNm, WOB 10-80kN, Auto ROP 90m/hr.	
	~~~~~~	<b></b>		***************************************	Torque indication is observed from 7,240.1mBRT(0.6m deeper than previous depth) Observe increase of torque and WOB at 7,141.5 and 7,242.3mBRT. On the other hand, pressure is stable.	
					Load and run sinker bar. Recover inner barrel(Core recovery 0.51m/17.0%) and unload sinker bar.	
					Suspend dropping next inner barrel till #31K core recovery to decide appropriate core catcher for chert section.  Decision is made to use combo finger x combo finger(soft).	
15:15	16:45	1:30	CORE	7.242.5	Drop C0026B #32K(SDRCB) inner barrel.	
		***************************************			Sweep out 5m3 of SWG w/650gpm x 12.4MPa While lowering string, observe torque fluctuation(0 - 6kNm) below 7,239.5mBRT. Increase HPS 10 -> 60 rpm and ream down, then torque gets back to normal.	
	~~~~~	<b></b>		•••••	Drop inner barrel and pump 5m3 of SWG w/275gpm. Confirm inner barrel landing by increasing pressure from 2.5 to 4.3MPa w/275gpm 31min after dropping.	
16:45	19:15	2:30	CORE	7,246.0	Cut C0026B #32K(SDRCB) core from 7,242.5 - 7,246.0mBRT (286.5 - 290.0mbsf)	
					7,242.5 - 7,246.0mBRT (286.5 - 290.0mbsf), MP 100gpm x 1.0-2.1MPa, HPS 80rpm x 0.9-14.0kNm, WOB 10-80kN, Auto ROP 90m/hr Each parameter gradually increase while coring (pressure:1.0->2.1MPa, torque:7.0->12.0kNm, WOB:30->80kN).	
					Load and run sinker bar. Recover inner barrel(Core recovery 0.48m/13.7%).	
19:15	24:00	4:45	TRIP		POOH to 6,440mBRT	
					Observe no drag while POOH to above seabed Retrieve drain hose from Mud bucket at above seabed.	
					Meanwhile,	
					(18:15) Ibuki sail to Ishinomaki Bay. ETA 09:00 on 7th Nov. (21:10-21:40) Advisory due to offloading to Akatsuki	
	~~~~				(21:45) Akatsuki sail to Ishinomaki Bay. ETA 12:00 on 7th Nov. Continue to conduct retermination of UWTV(OCC); completed.	
					Prepare space out for HPCS and ESCS	
					HPCS #C(APCT3 shoe): Stick out from bit 122mm	
0:00	To 6:00	Hrs. 6:00	Code TRIP	Depth(mBRT)	Detail of Operation  Continue to POOH to 3,137mBRT	
	••••••					
		<del> </del>		<u> </u>		
Bit Record		<u> </u>	<u> </u>	DC '		
No. (i	n)		rpe C	ode	No.   Nozzles   Depth (mBRT)   Meterage   Hrs.   WOB (kN)   rpm   Total Rev.   ROP     Section   Total Rev.   ROP   Section   Section   Total Rev.   ROP   Sectio	
4 8 BHA Recor	-	OV CJPC6			2427 6 x 16 6,956.0 7,246.0 290.0 4.17 0 100 0 90 8.23 69.5 Hook Wt. (knt) @24:00 6,440.0 mBRT	
7	SDRCB	8-1/2"Core bit x XO#3 x 5"	t x Float valve 'DP S-140 (6	e sub x Near b 66stds) x 5-1/	tt sub w/8-1/2"stabilizer x Outer core barrel x Landing sub w/8-1/2"stabilizer x Head sub x XO#1 x 6-3/4"Coring Collar (5stds) x XO#2 x 5"DP V-150 (23stds)  2"DP S-140 (22stds) x XO#4 x 5-1/2"DP S-150 (25stds) x XO#5 x 5-1/2"DP UD-165 (30stds) x XO#6 x 6-5/8"DP Z-140 (13stds) x 6-5/8"DP UD-165  BHA  140	
					Below Jar HPS & Traveling block 680	
Mud Proper		Depth			CSG/TBG  Gel St   Temp   FIT 20/40 (mm) Jar Rotating Time @24:00 S/N:	
Mud Type	Time	(mBRT)	MW VIS	PV YV	6rpm (10", 10") API Cake pH Pf CI- Sand Oil Solid MBC In Out K+ n K LGS Omin Smin Today To	
Mud Pump	s : 14-P-220	)	5.00	gallon/stroke	Today Total hrs	
No Liner Size SPM GPM Press. Ann. Vel. MarE3 6 Item Received Used Stock Flt. Time Passenger						
		65 35	50	6"DC	5"DP MWJ 20 Tel-Gel 118,000 1 10:10 10:20 13 10	
2         6"         20.0         196         111         Scientist         27         Caustic soda         5,275         2         Date of the control of the cont						
Materials Stock on Board @24:00    Status   Stock   Status   Statu						
Fresh Water Potable Wa			322.3 203.0	66.1 3.0	87.4     PHG (m3)     280     Heave (m)     0.3     HSQE and other information       0.0     Sub-contractor     Kill mud (m3)     47     Pitch (deg)     0.2     Incident     Last Incident     No. LTI	
Drill Water Fuel	_	m3 7	783.0 360.8	3.2	0.0         OCC         4         SWG (m3)         142         Roll (deg)         0.1         LTI         11/14/19           0.0         WL         Pre-Mix (m3)         0         Vessel Heading (deg)         320         HUNS cards         35	
Lube, Oil Heli Fuel				800.0	0.0 Expro 0.0 NuStar 3 V.D. Load (ton) 12531	
				5.0	V.D. Load (in)   1231	
Weather Int		Toma	(deaC)	Barometer	Well Cost (1,000 Yen) based on the cost by  Wind Wave Current Visibility Daily	
Time	Weather	Air	(degC) SW	(hPa)	Speed (m/s) Dir. (deg) Gust (m/s) Height (m) Dir. (deg) Period (s) Speed(knt) Dir. (deg) (km) Cumulative	
24:00 Today's	24:00       0       14.0       23.3       1015.0       11.0       310       12.8       1.4       5       5.1       0.7       14       22.0       Reported by: Y. Oishi, N. Sakurai         Today's Schedule: Continue to POOH, Slip and cut, Run HPCS assembly    Approved by: T. Saruhshi					