

Chikyu DAILY MORNING REPORT								Mission No. :	CK24-01	Exp. No. :	405	Report No. :	66								
Site Name JTCT-02A		Hole Name C0026E		Lat.	37°55.5895'N	Long.	144°04.1135'E	Seabed Depth : 6,957.0 mBRT		RT-MSL : 28.5 m		Report Date : 11/Nov/2024									
Depth : @24:00 7,049.0 mBRT		mbstf 92.0 mbsf		Progress : 57.0 %		Drilling/Coring/Underreaming Hrs. 21.00 hrs		LAST CASING : x mbsf(mBRT)													
Depth : @06:00 mBRT		mbsf		Summary of Operation on 10-Nov : Cut HPSC Core #5 - #10(C0026E), POOH		Present Operation @ 06:00 on 11-Nov : Replace hydraulic elevator						mBRT: meter below rotary table mbsf: meter below sea floor									
Time Breakdown (00:00 - 24:00 on 10-Nov)				Detail of Operation																	
From	To	Hrs	Code	Depth(mBRT)																	
0:00	2:15	2:15	CORE	7,001.5	Cut #5 HPSC core (C0026E-5H) from 6,992.0 to 7,001.5mBRT (35.0-44.5mbsf). Continue to run #5 HPSC/APCT-3 inner barrel (C0026E-5H). Pump 200gpm and pressure increase to 20.6MPa to shoot HPSC at on bottom, but not success. Pick up 0.5m off bottom and pump again w/200gpm and shoot HPSC, full penetration with 20.6MPa. Wait 10mins for APCT-3 measurement. Pick up by coreline with 15kN OP and assist by DW with 370kN OP. Start to pick up coreline w/o OP when bit depth is 6,982.5mBRT(9.5m off bottom). Recover inner barrel to surface (8.87m/9.5m 93.5% recovered).																
2:15	3:00	0:45	DRL	7,001.5	Drill down from 6,992.0 to 7,001.5mBRT (35.0-44.5mbsf). 6,992.0 to 7,001.5mBRT (35.0-44.5mbsf) , MP 200gpm x 1.5-1.6MPa, HPS 15 - 20rpm x 0.1-2.0kNm, WOB 0-30kN, Ave.ROP 15m/hr Meanwhile, prepare next inner barrel and have trouble with inserting piston rod, on going.																
3:00	3:45	0:45	CORE(N)	7,001.5	Prepare #6 HPSC/APCT-3 inner barrel (C0026E-6H). Continue to prepare next inner barrel, take a time to insert piston rod.																
3:45	6:30	2:45	CORE	7,011.0	Cut #6 HPSC core (C0026E-6H) from 7,001.5 to 7,011.0mBRT (44.5-54.0mbsf) Run #6 HPSC/APCT-3 inner barrel (C0026E-6H). Pump 200gpm and shoot HPSC at 0.5m off bottom, full penetration with 19.9MPa. Wait 10mins for APCT-3 measurement. Pick up by coreline with 15kN OP and assist by DW with 350kN OP. Start to pick up coreline w/o OP when bit depth is 6,992.5mBRT(8.5m off bottom). Recover inner barrel to surface (9.77m/9.5m 102.8% recovered).																
6:30	7:30	1:00	DRL	7,011.0	Drill down from 7,001.5 to 7,011.0mBRT (44.5-54.0mbsf, 9.5m) MP 250gpm x 2.1-2.4MPa, HPS 25rpm x 0.1-3.0kNm, WOB 0-20kN, Ave.ROP 28.5m/hr Meanwhile, Run #7 HPSC/APCT-3 inner barrel (C0026E-7H).																
7:30	9:45	2:15	CORE	7,020.5	Cut #7 HPSC core (C0026E-6H) from 7,011.0 to 7,020.5mBRT (54.0-63.5mbsf) Run #7 HPSC/APCT-3 inner barrel (C0026E-7H). Pump 200gpm and shoot HPSC at 0.5m off bottom, full penetration with 19.1MPa. Wait 10mins for APCT-3 measurement. Pick up by coreline with 15kN OP and assist by DW with 395kN OP. Start to pick up coreline w/o OP when bit depth is 7,003.0mBRT(8.0m off bottom). Recover inner barrel to surface (9.55m/9.5m 100.5% recovered).																
9:45	11:45	2:00	DRL	7,020.5	Drill down from 7,011.0 to 7,020.5mBRT (54.0-63.5mbsf) MP 250gpm x 2.1-2.5MPa, HPS 30rpm x 0.1-3.0kNm, WOB 0-20kN, Ave. ROP 30m/hr Lay out single and make stand connection. Sweep out 3m3 of SWG w/550gpm x 8.3MPa.																
11:45	14:30	2:45	CORE	7,030.0	Cut #8 HPSC core (C0026E-8H) from 7,020.5 to 7,030.0mBRT (63.5-73.0mbsf) Run #8 HPSC/APCT-3 inner barrel (C0026E-8H). Pump 200gpm and shoot HPSC at 0.5m off bottom, full penetration with 18.2MPa. Wait 10mins for APCT-3 measurement. Pick up by coreline with 15kN OP and assist by DW with 350kN OP. Start to pick up coreline w/o OP when bit depth is 7,012.0mBRT(8.5m off bottom). Recover inner barrel to surface (9.96m/9.5m 104.8% recovered).																
14:30	15:00	0:30	DRL	7,030.0	Drill down from 7,020.5 to 7,030.0mBRT (63.5 - 73.0mbsf, 9.5m). MP 250gpm x 1.9-2.3MPa, HPS 25rpm x 0.1-2.9kNm, WOB 0-30kN, Ave. ROP 27m/hr Meanwhile, prepare #9 HPSC inner barrel (C0026E-9H), but find outer shear pin seal sub assembly jammed at piston rod.																
15:00	16:15	1:15	CORE(N)	7,030.0	Prepare #9 HPSC inner barrel (C0026E-9H). Take out outer shear pin seal sub assembly, but observe no issue on the sub assembly. Replace seals and assemble the same with the piston rod. Meanwhile, Unload sinker bar and replace Akema wiper. Load FWD sinker bar again.																
16:15	17:15	1:00	CORE	7,039.5	Cut #9 HPSC core (C0026E-9H) from 7,030.0 to 7,039.5mBRT (73.0-8																