

Chikyu DAILY MORNING REPORT

Mission No.:CK24-01Exp. No.:405Report No.:50

Site NameJTCT-01AHole NameC0019KLat.37°56.3461'NLong.143°54.8168'ESeabed Depth :6,904.0mBRTRT-MSL :28.5 mReport Date :26/Oct/2024

Depth : @24:007,544.0mBRT640.0mbsfProgress :599.5mDrilling/Coring/Underreaming Hrs.:23.50hrs

Depth : @06:007,697.0mBRT793.0mbsfLAST CASING :xmbst(mBRT)

Summary of Operationon25-OctCont. recover UWTV, Drill down to 7,544.0mBRT.

Present Operation @ 06:00on26-OctCont. drill down to 7,697.0mBRT.

Time Breakdown (00:00 - 24:00 on25-Oct)mBRT: meter below rotary table
mbsf: meter below sea floor

From	To	Hrs	Code	Depth(mBRT)	Detail of Operation
0:00	0:30	0:30	UWTV	7,757.5	Recover UWTV to surface. Observe 4-way sling twisted and remove slings from UWTV frame. Skid back working cart and skid forward RGR to FWD. Set RGR position at 0.4m offset and close RGR door w/installing retainer plate.
0:30	24:00	23:30	DRL	7,544.0	Drill down 8-1/2"hole from 6,944.5mBRT to 7,544.0mRBT (40.5 ~ 640.0mbsf), ongoing. MPHPSWOBROP set 6,944.5 - 6,956.0mBRT (40.5 - 52.0mbsf)400gpm x 6.5-7.0MPa10rpm x 0.5-3.5kNm0-30kN50m/hr 6,956.0 - 7,011.5mBRT (52.0 - 107.5mbsf)400gpm x 6.5-7.0MPa20rpm x 0.1-3.5kNm0-35kN40m/hr 7,011.5 - 7,047.5mBRT (107.5 - 143.5mbsf)400gpm x 6.5-7.0MPa30rpm x 0.1-4.5kNm0-40kN40m/hr 7,047.5 - 7,059.5mBRT (143.5 - 155.5mbsf)400gpm x 6.5-7.0MPa30rpm x 0.1-4.5kNm0-40kN40m/hr 7,059.5 - 7,068.0mBRT (155.5 - 164.0mbsf)400gpm x 6.5-7.0MPa40rpm x 0.1-4.5kNm0-40kN40m/hr 7,068.0 - 7,075.5mBRT (164.0 - 171.5mbsf)400gpm x 6.5-7.0MPa50rpm x 0.1-5.5kNm0-60kN40m/hr 7,075.5 - 7,144.5mBRT (171.5 - 240.5mbsf)500gpm x 9.5-10.0MPa50rpm x 0.1-6.0kNm0-70kN50m/hr 7,144.5 - 7,544.0mBRT (240.5 - 640.0mbsf)500gpm x 10.0-11.9MPa60rpm x 0.1-8.0kNm0-70kN50m/hr Reciprocate 5m every 5m advance from 6,949.0mBRT to 7,007.0mBRT. Sweep out 5-10m3 SWG every stand Meanwhile Make up HPSC Coring BHA @Auxiliary well

From	To	Hrs.	Code	Depth(mBRT)	Detail of Operation
0:00	6:00	6:00	DRL	7,697.0	Drill down 8-1/2"hole from 7,544.0mBRT to 7,696.5mRBT (640.0 ~ 792.5mbsf). MPHPSWOBROP set 7,544.0 - 7,582.5mBRT (640.0 - 678.5mbsf)500gpm x 10.0-11.9MPa60rpm x 0.1-8.0kNm0-80kN50m/hr 7,582.5 - 7,697.0mBRT (678.5 - 793.0mbsf)500gpm x 10.0-12.1MPa70rpm x 0.1-10.0kNm0-70kN50m/hr Sweep out 10m3 SWG every stand

Bit Record @24:00

Bit No.	Size (in)	MFR	Type	IADC Code	S/No.	Nozzles	Depth (mBRT)		Meter-age	Hrs.	WOB (kN)		rpm		Total Rev. (krev)	ROP (m/hr)	Dull Condition					
							From	To			Min.	Max.	Min.	Max.			Inner	Outer	Dull	Loc.	B	G
3	8.5	NOV	CJPC713-A1	-	F312253	7 x 16	6,927.5	7,757.5	830.0	26.53	0	120	0	100	100.96	31.3	Re-Run for C0019K hole after bit is clear from seabed.					
RR3a	8.5	NOV	CJPC713-A1	-	F312253	7 x 16	6,904.0	7,544.0	640.0	13.63	0	70	0	60	140.63	47.0						

BHA Record @24:00

Bit No.	Type	Description
6	SDRCB	8-1/2"Core bit x Float valve sub x Near bit 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) x XO#3 x 5"DP S-140 (66stds) x 5-1/2"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

Mud Properties @24:00

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	6rpm	Gel St. (10", 10')	API	Cake	pH	Pf	Cl-	Sand	Oil	Solid	MBC	Temp In Out	K+	n	K	LGS	FIT 20/40 (mm) 0 min 5min

Mud Pumps : 14-P-2205.00 gallon/stroke @97%

No.	Liner Size	SPM	GPM	Press. (MPa)	Ann. Vel. (m/min)
1	6"	50	250	11.0	6"DC 5"DP
2	6"				
4	6"	50	250		

Materials Stock on Board @24:00

Item	Unit	Stock	Used	Received
Fresh Water	m3	326.0	64.0	88.0
Potable Water	m3	197.0	3.0	0.0
Drill Water	m3	1,092.0	0.0	0.0
Fuel	m3	4,860.1	40.6	0.0
Lube Oil	Ltrs	119,500	0.0	0.0
Heli Fuel	Ltrs	0.0	0.0	0.0

Personnel @24:00

Name	Count
MarE3	8
MQJ Crew	101
MWJ	19
Scientist	28
Outreach	
JAMSTEC PR	1
Sub-contractor	
Oceaneering	3
WL	
Expro	
NuStar	3
GE	
Total	163

Mud Materials on Board @24:00hrs(unit: kg)

Item	Received	Used	Stock
Barite			76,000
Tel-Gel			172,000
Caustic soda		250	7,025
Lime		240	7,120
Flowzan			25

Mud volumePHG (m3)135Kill mud (m3)48SWG (m3)127Pre-Mix (m3)60

Marine Information @24:00

Heave (m)	Pitch (deg)	Roll (deg)	Vessel Heading (deg)	Riser Tension (kN)	V.D. Load (ton)	Max Draught (m)
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