

Chikyu DAILY MORNING REPORT

Mission No. :CK24-01

Exp. No. :405

Report No. :89

Site NameJTCT-01A

Hole NameC0019P

Lat (UWTV)37°56.3294'N

Long.(UWTV)143°54.7792'E

Seabed Depth :6,920.0 mBRT

RT-MSL :28.5 m

Report Date :4/Dec/2024

Depth : @24:00

mBRT

mbsf

Progress : m

Drilling/Coring/Underreaming Hrs. : 0.00 hrs

Depth : @06:00

mBRT

mbsf

LAST CASING : x mbsf( mBRT)

Summary of Operation on 3-Dec : Continue to POOH. Prepare for MU and Run 13-3/8"CSG & 20"Wellhead and jetting ass'y.

Present Operation @ 06:00 on 4-Dec : Continue to prepare for MU and Run 13-3/8"CSG & 20"Wellhead and jetting ass'y. Retrieve transponders at JTCT-02A.

Time Breakdown ( 00:00 - 24:00 on 3-Dec )

mBRT: meter below rotary table

mbsf: meter below sea floor

From	To	Hrs	Code	Depth(mBRT)	Detail of Operation
0:00	19:30	19:30	TRIP		Continue to POOH to 31mBRT No observe any drag in wellbore. Remove drain hose at 7,467.5mBRT Vessel move to 100m South East from C0019P after POOH to 6,823.0mBRT.
19:30	20:45	1:15	RR		Replace hydraulic elevator with back up one due to oil leakage.
20:45	21:15	0:30	TRIP		Resume to POOH to surface. [Bit]: Cutters condition: BT(35), mainly on inner, (Before run :CT(5)). Plug nozzle: Nothing. Gauge: .In gauge. Center hole: Worned and its ID enlarged from 59.0mm to 66.3mm (core liner is 66.0mm ID).
21:15	24:00	2:45	CSG		Prepare for MU and Run 13-3/8"CSG & 20"Wellhead and jetting ass'y. Lay down SD-RCB ass'y. Open RGR door and skid BOP cart to AFT. Grease up HPS, Traveling Block, and Dolly. Check condition of HPS service roop. Retrieve DGR from rotary table.
Meanwhile, (04:30) Ibuki arrives on Chikyu. Conduct pressure test for DAT and HART by Nustar, 3,000psi x 10min. Hold. Paint 1m mark on 13-3/8"jetting shoe and wellhead housing x Casing Swage. (22:30 - 24:00)Sail to JTCT-02A site to recover transponder, ongoing.					

From	To	Hrs.	Code	Depth(mBRT)	Detail of Operation
0:00	6:00	6:00	CSG		Continue to prepare for MU and Run 13-3/8"CSG & 20"Wellhead and jetting ass'y. (00:00-01:30) MU HART for handling x 8-1/2" coring DC 6 m pony (01:30-03:45) MU DAT (Lock Dart Installed) x 6-3/4" coring DC 6 m pony (03:45-06:00) Slip & Cut Drilling line, ongoing
Meanwhile, (00:00 - 00:20) Sail to JTCT-02A site to recover transponder. (4:45) Send release signal to No.6 Transponder but observe failed alarm. Send release signal again and observe release activation. *ETA to surface 6:30.					

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	O.D.	RP		
RR3b	8.5	NOV	CJPC713-A1	-	F312253	7 x 15	7,850.0	7,866.4	16.4	2.70	0	120	80	100	181.23	6.1	6	3	BT(35)	C, N	X	I	WT, CR	PR

BHA Record @24:00

11	SD-RCB	8-1/2"Core bit x Float valve sub x Near bit sub (w/o stabilizer) x Outer core barrel x Landing sub (w/o stabilizer) x Head sub x XO#1 x 6-3/4"Coring Collar(6std) x XO#2 x 5"DP V-150 (23stds) x XO#3 x 5"DP S-140 (65stds) x 5-1/2"DP S-140 (22stds) x XO#4 x 5-1/2"DP S-150 (27stds) x XO#5 x 5-1/2"DP UD-165 (30stds) x XO#6 x 6-5/8"DP Z-140 (8stds) 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	Temp Out	K+	n	K	LGS	FIT 20/40 (mm) 0 min 5min

Mud Pumps : 14-P-220

5.00 gallon/stroke @97%

No.	Liner Size	SPM	GPM	Press. (MPa)	Ann. Vel. (m/min)
1	6"				DC 5"DP
2	6"				
4	6"				0 0

Materials Stock on Board @24:00

Item	Unit	Stock	Used	Received
Fresh Water	m3	203.4	78.0	94.1
Potable Water	m3	212.0	2.0	0.0
Drill Water	m3	714.8	2.5	0.0
Fuel	m3	3,201.5	42.3	0.0
Lube, Oil	Ltrs	100,200	0.0	0.0
Heli Fuel	Ltrs	0.0	0.0	0.0

Weather Information

Time	Weather	Temp. (degC)	Barometer	Wind	Wave	Current	Visibility
		Air SW	(hPa)	Speed (m/s) Dir. (deg) Gust (m/s)	Height (m) Dir. (deg) Period (s)	Speed(knt) Dir. (deg)	(km)
24:00	bc	17.5 21.5	1011.0	4.4 340 4.9	1.5 240 6.5	0.5 252	22.0

Personnel @24:00

MarE3	8
MQJ Crew	99
MWJ	20
Scientist	27
JAMSTEC PR	1
Outreach officer	3
Grapher	2
INPEX trainee	2
Sub-contractor	
WL	
Expro	6
NuStar	3
GE	
Total	171

Mud Materials on Board @24:00hrs

(unit: kg)

Item	Received	Used	Stock
Barite			100,000
Tel-Gel			118,000
Caustic soda			4,425
Lime			4,520
Flowzan			25

Mud volume

PHG (m3)	196
Kill mud (m3)	44
SWG(m3) 85se	
SWG(m3) 58se	106
Pre-Mix (m3)	57

Marine Information @24:00

Heave (m)	0.6
Pitch (deg)	0.3
Roll (deg)	0.1
Vessel Heading (deg)	095
Riser Tension (kN)	-
V.D. Load (ton)	11354
Max Draught (m)	9.0
Thruster (kW)	5000

Heli Information @24:00

Ft. No.	Time Arrived	Time Departed	Passenger Are.	Passenger Dept.
1	09:45	09:58	11	4
2				

Boat Information @24:00

Kaiyu (Supply boat)	Status	Chikyu
Ibuki (Guard boat)	Status	Chikyu

HSQE and other information

Incident	Last Incident	No. LTI
LTI	11/14/19	
HUNS cards	23	

Remarks

07:00, 13:00, 19:00 General Safety Meeting (English)

Well Cost (1,000 Yen) based on the cost by

Daily	
Cumulative	

Reported by : Y.Oishi / T. Miyoshi

Approved by : T.Sarushashi