

Chikyu DAILY MORNING REPORT

Mission No. :CK24-01Exp. No. :405Report No. :17

Site NameJTCT-01AJTCT-02A

Hole NameC0019H

Lat.37°56.3404'N37°55.6020'N

Long.143°54.7907'E143°04.1280'E

Seabed Depth :6,926.0 mBRT

RT-MSL :28.5 m

Report Date :23/Sep/2024

Depth : @24:00mBRTmbsf

Progress :m

Drilling/Coring/Underreaming Hrs. :hrs

Depth : @06:00mBRTmbsf

LAST CASING :xmbsf(mBRT)

Summary of Operation on22-Sep: POOH to surface. Sail to C0026 site. Field Arrival Check. Deploy Transponders.

Present Operation @ 06:00 on23-Sep: Continue to deploy transponders. DP calibration, ongoing.

Time Breakdown ( 00:00 - 24:00 on22-Sep)

mBRT: meter below rotary table

mbsf: meter below sea floor

From	To	Hrs	Code	Depth(mBRT)	Detail of Operation
0:00	15:30	15:30	TRIP		Continue to POOH to surface. (9:30) Start Drifting with 0.5knot from well center. (13:00) Increase drifting speed 0.5=>1.0knot. (15:27) Preferential Trip happens because the wind direction and speed change earlier than the forecast and generators run after those changes.
15:30	16:00	0:30	WAIT		WOW due to strong wind (Maximum 35m/s.)
16:00	17:00	1:00	TRIP		Resume to POOH to surface.  [Stabilizer gauge] MicroScope: 8-3/8" (In gauge) Mud Motor: 8-1/16" (-5/16") [Jar Mandrel]: 210mm (Same length before RIH) [Filter sub]: Observe scales. [8-1/2"Bit]: 8-5/16" (-3/16")  Meanwhile, Prepare and transfer new MicroScope and SonicScope to Middle Pipe Rack. Transfer Mud Motor used in C0019F/G hole to Middle Pipe Rack. Prepare new 8-1/2"Bit. Paint Bit and Mud Motor with yellow and 1m mark with black up to 8m from Bit. Move BOP cart with RGR to AFT for sailing preparation.
17:00	21:15	4:15	MOVE		Sail to JTCT-02A site.  Meanwhile, Dump MicroScope memory data on drill floor. Lay down SonicScope, TeleScope, MicroScope, Mud Motor and 8-1/2"Bit. Remove DGR from Diverter housing for maintenance. Check ID of bulge insert; -1/8" and re-use the same insert. Dump SonicScope memory data at Middle Pipe Rack.
21:15	23:15	2:00	DPS		Field Arrival Check.
23:15	24:00	0:45	DPS		Deploy Transponders by free fall with No.4 crane, ongoing. #9: (22:09) Free fall Transponder, (23:23) Arrive seabed. #6: (23:35) Free fall Transponder.  Meanwhile, Rig service. Grease up HPS, Travelling block, Dolly, EBT, Hydraracker and CMC. Dump TeleScope memory data at Middle Pipe Rack, ongoing.
Time Breakdown (00:00 - 06:00 on23-Sep) * The data on 00:00 - 06:00 is unofficial.					
From	To	Hrs.	Code	Depth(mBRT)	Detail of Operation
0:00	3:45	3:45	DPS		Continue to deploy Transponders by free fall with No.4 crane. #6: (00:48) Arrive seabed. #7: (01:03) Free fall Transponder, (02:16) Arrive seabed. #8: (01:56) Free fall Transponder, (03:12) Arrive seabed.
3:45	6:00	2:15	DPS		DP calibration, ongoing.  Meanwhile, Slip and cut drilling line (45.7m), ongoing. Dump TeleScope memory data.

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
RR1b	8.5	Smith	BXZ716M	-	QG1125	7 x 12	6,926.0	7,906.0	980.0	37.54	0	110	55	80	451.28	4.0	5	3	BT(5)	A	X	3/16	WT(10)	TD

BHA Record @24:00

3	8-1/2"LWD	6-1/2" Bit x 6-1/2" Mud Motor x MicroScope x TeleScope x SonicScope x 6-3/4" Drilling DC(11') x 1 float sub w/noat x 1 filter sub x 6-3/4" Drilling DC(2stds) x 6-1/2" F.M.W. Jar x 6-3/4" Drilling DC(1std) x 4x24" DP V-150 (24stds) x XO#2 x 5" DP S-140 (66stds) x 5-1/2" DP S-140 (22stds) x XO#3 x 5-1/2" DP S-150(27stds) x XO#4 x 5-1/2" DP UD-165 (30stds) x XO#5 x 6-5/8" DP Z-140 (10stds) x 4x24" DP V-150 (24stds) x XO#2 x 5" DP S-140 (66stds) x 5-1/2" DP S-140 (22stds) x XO#3 x 5-1/2" DP S-150(27stds) x XO#4 x 5-1/2" DP UD-165 (30stds) x XO#5 x 6-5/8" DP Z-140 (10stds) x

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-220

No.	Liner Size	SPM	GPM	Press. (MPa)	Ann. Vel. (m/min)
1	6"				6"DC 5"DP
2	6"				
3	6"				

Materials Stock on Board @24:00

Item	Unit	Stock	Used	Received
Fresh Water	m3	300.4	55.9	68.0
Potable Water	m3	294.0	3.0	0.0
Drill Water	m3	1,670.0	4.0	0.0
Fuel	m3	6,334.1	47.8	0.0
Lube, Oil	Ltrs	129,400	4,200.0	0.0
Heli Fuel	Ltrs	0.0	0.0	0.0

Personnel @24:00

MarE3	4
MQJ Crew	97
MWJ	6
Scientist	26
LSS	3
Outreach	4
JAMSTEC	
Sub-contractor	
WL	
SLB-LWD	4
Expro	
NuStar	3
Total	147

Mud Materials on Board @24:00hrs

Item	Received	Used	Stock
Barite			76,000
Tel-Gel			208,000
Caustic soda			9,025
Lime			8,960
Flowzan			25

Mud volume

PHG (m3)	287
Kill mud (m3)	60
SWG (m3)	129
Pre-Mix (m3)	60

Marine Information @24:00

Heave (m)	0.5
Pitch (deg)	0.5
Roll (deg)	0.3
Vessel Heading (deg)	240
Riser Tension (kN)	-
V.D. Load (ton)	15247
Max Draught (m)	9.0
Thruster (kW)	500

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

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

Reported by : T. Miyoshi, T.Yokoyama

Approved by : I. Sawada

Hook Wt. (knt) @24:000.0 mBRT

Hook Load680

BHA0

Below Jar0

HPS & Traveling block680

CSG/TBG

Jar Rotating Time @24:00 S/N:474-69575

TodayTotal52.98 hrs

Motor Pumping time @24:00 S/N:02240026-0424T2

TodayTotal71.55 hrs

Heli Information @24:00

Ft. No.	Time Arrived	Time Departed	Passenger Are.	Passenger Dept.
1				
2				

Boat Information @24:00

Boat	Status	Current survey
Akatsuki (Supply boat)	Status	On Shioyama Port
Ibuki (Guard boat)	Status	On Shioyama Port

HSQE and other information

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

Remarks

10:00 Emergency drill for Oil spil prevention and Abandon ship