

Chikyu DAILY MORNING REPORT

Mission No. :CK24-01Exp. No. :405Report No. :83

Site NameJTCT-01AHole NameC0019P

Lat (UWTV).37°56.3294'NLong.(UWTV)143°54.7792'ESeabed Depth :6,920.0 mBRTRT-MSL :28.5 mReport Date :28/Nov/2024

Lat (Ship).37°56.3476'NLong.(Ship)143°54.7894'EWell position (UWTV) will be revised after re-check at re-entry.

Depth : @24:007,850.0 mBRT930.0 mbsfProgress : mDrilling/Coring/Underreaming Hrs. : hrs

Depth : @06:007,850.0 mBRT930.0 mbsfLAST CASING : x mbsf(mBRT)

Summary of Operation on 27-Nov : Drop FFF, POOH 8-1/2in drilling assembly to 3,462.0mBRT, Troubleshoot for 750tons elevator

Present Operation @ 06:00 on 28-Nov : Continue to trouble shoot, POOH.

Time Breakdown (00:00 - 24:00 on 27-Nov)

mBRT: meter below rotary table
mbsf: meter below sea floor

From	To	Hrs	Code	Depth(mBRT)	Detail of Operation																																																																																				
0:00	3:15	3:15	OTHER	7,850.0	Drop Free Fall Funnel. Open RGR door and skid BOP cart to AFT. Skid working cart to well center. Assemble Free Fall Funnel along drill string. Pick up and locate halves of Free Fall Funnel at STBD and PORT side on wellhead support plate with timber. Bolt on Free Fall Funnel by impact wrench using stubs and a ratchet belt, and pick up the funnel and bolt on casings below the funnel. Set up releaser and rope. Install 3ea x buoy (7,000mWD rated). * Attach the reflector tape to each buoy and the funnel. (1:15) Drop Free Fall Funnel. Pick up Free Fall Funnel and skid working cart to FWD. Lower funnel to the sea level. Release funnel by pulling the rope. Wait 2hours for landing FFF on seabed.																																																																																				
3:15	11:30	8:15	TRIP	7,850.0	POOH 8-1/2in drilling assembly to 3,500.0mBRT. Pick up 5 jts single (Lay down while drilling) ±100m above seabed. Meanwhile, vessel offset 100m x 135° from C0019P. AFT side of 4ea of bolts between elevator and adapter and 2ea of bolts between elevator and link block sheared when take tension 600kN. Suspect to the side of elevator link move to outside by terrible ship motion.																																																																																				
11:30	13:30	2:00	RR	7,850.0	Troubleshoot for 750tons elevator. Inspect HPS & elevator link but no defect. Confirm pipe slipped in not to be bent. Install back up 750ton elevator.																																																																																				
13:30	14:00	0:30	TRIP	7,850.0	POOH 8-1/2in drilling assembly to 3,462.0mBRT. Pick up and rack back 1st stand of 5in S140. When pick up 2nd stand of 5in S140, Same bolts sheared again, then bent top of drill pipe due to drill pipe lean by Elevator.																																																																																				
14:00	24:00	10:00	OTHER(N)	7,850.0	Troubleshoot for 750tons elevator and change to 500ton elevator. 750tons Elevator: Remove sheared bolts x 6ea from Elevator body. Measure the Elevator link and Knuckle link. HPS torque arrestor: Dismantle pipe handler and remove Torque arrestor spring. Confirm all spring in good condition. Check the vessel camera record and observe the elevator link offset outwards by ship motion. The timing to offset; 1st broken: After rack back last stand (free weight). 2nd broken: After break pipe connection and lowering down elevator little bit (free weight).																																																																																				
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0:00	5:00	5:00	OTHER	7,850.0	Continue to troubleshoot for 750tons elevator and change to 500ton elevator. Assemble Elevator link and Knuckle link for 500ton elevator, pipe handler, and 500ton elevator w/ rotator. Function test the inter-lock of 500ton elevator but observe open the side door of elevator while applying pick up weight (function incorrectly). Trouble shoot for inter-lock and complete repairing. Function test of 500ton elevator /OK.																																																																																				
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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
8	8.5	Smith	XZ813	-	QG1126	8 x 11	6,920.0	7,850.0	930.0	28.63	0	115	25	120	122.80	32.5					

BHA Record @24:00

10	8-1/2" Bit	8-1/2" Bit x Float sub w/float x XO#1 x 6-3/4" drilling DC(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 (27stds) x XO#5 x 5-1/2"DP UD-165 (30stds) x XO#6 x 6-5/8"DP Z-140 (7stds) 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)

Mud Pumps : 14-P-220

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	325.0	59.0	86.5
Potable Water	m3	230.0	3.8	0.0
Drill Water	m3	617.0	43.0	0.0
Fuel	m3	3,469.2	50.3	0.0
Lube_Oil	Ltrs	104,000	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	Speed (m/s)	Dir. (deg)	Gust (m/s)	Height (m)
24:00	I	18.0	22.5	1000.8	3.0	85	4.0

Today's Schedule: Continue to POOH, Slip & cut Drilling Line. Make up & RIH SD-RCB Ass'y.

Personnel @24:00

MarE3	6
MQJ Crew	101
MWJ	19
Scientist	27
Outreach officer	2
Grapher	2
INPEX trainee	2
Sub-contractor	
OCC	
WL	
Expro	
NuStar	3
GE	
Total	162

Mud Materials on Board @24:00hrs

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

Mud volume

PHG (m3)	207
Kill mud (m3)	46
SWG(m3) 92se	52
SWG(m3) 58se	80
Pre-Mix (m3)	22

Marine Information @24:00

Heave (m)	1.4
Pitch (deg)	1.5
Roll (deg)	0.4
Vessel Heading (deg)	185
Riser Tension (kN)	-
V.D. Load (ton)	11632
Max Draught (m)	9.0
Thruster (kW)	2800

Heli Information @24:00

Fit. No.	Time	Passenger
	Arrived	Departed
1		
2		

Boat Information @24:00

Akatsuki (Supply boat)	Status	Released
Ibuki (Guard boat)	Status	Standby@Ishinomaki evacuation point

HSQE and other information

Incident	Last Incident	No. LTI
LTI	11/14/19	
HUNS cards	28	

Remarks

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

Daily	
Cumulative	

Reported by : T. Ikawa / N. Sakurai / T. Miyoshi
Approved by : I.Sawada