

Chikyu DAILY MORNING REPORT

Mission No. :CK24-01

Exp. No. :405

Report No. :98

Site NameJTCT-01A

Hole NameC0019Q

Lat (UWTV).37°56.2988'N

Long.(UWTV)143°54.7733'E

Seabed Depth :6,928.0 mBRT

RT-MSL :28.5 m

Report Date :13/Dec/2024

Depth : @24:007,853.0 mBRT925.0 mbsf

Progress :0.0 m

Drilling/Coring/Underreaming Hrs. :0.00 hrs

Depth : @06:007,853.0 mBRT925.0 mbsf

LAST CASING :13-3/8" x 45.00 mbsf(6,973.0 mBRT)

Summary of Operation on 12-Dec :Continue RIH 4-1/2"TBG w/drillpipe. Run sensor assembly. Recover sensor assembly. POOH 4-1/2" CSG hanger.

Present Operation @ 06:00 on 13-Dec :Continue RIH 4-1/2"CSG hanger.

Time Breakdown (00:00 - 24:00 on 12-Dec)

mBRT: meter below rotary table

mbsf: meter below sea floor

From	To	Hrs	Code	Depth(mBRT)	Detail of Operation
0:00	4:00	4:00	TRIP	7,853.0	Continue RIH 4-1/2"TBG w/drillpipe to 7,837.0BRT. Observe no excess drag while RIH to 7,837.0mBRT. Fill up string at 7,331.5mBRT. Land 4-1/2"CSG hanger onto wellhead w/150kN to confirm if 4-1/2"CSG hanger lands properly. Pump 400gpm x 6.0MPa, and pick up to 6,827.0mBRT. Meanwhile, prepare bottom sinker, sinker bar, lifting cap, C-plate and sensor drum at drill floor. Locate sensor drum in front of Drillers house.
4:00	4:45	0:45	TRIP	7,853.0	Install return hose.
4:45	5:30	0:45	COMPLETION	7,853.0	Load sinker bar. Lower sinker bar to drill floor. Break connection and retract dolly. Remove Blue tugger from return hose for using sensor running.
5:30	12:45	7:15	COMPLETION(N)	7,853.0	Run and set sensor assembly to 6,916.5mBRT. (05:30-08:00) MU and run Sinker w/Impression block, sensor rope w/128ea sensors with Blue and Yellow tugger inside drillpipe PU 200kg sinker bar (bottom) with Blue tugger and connect same to sensor rope. Lower and secure sinker bar (bottom) with C-plate. PU another 200kg sinker bar (top) with Blue tugger and connect to 200kg sinker bar (bottom). Lower and secure sinker bar (top) with C-plate. Connect MTL hanger w/short loop rope to coreline sinker bar, and connect MTL hanger w/short loop rope to 200kg sinker bar (top). (08:00-10:00) Run sensor assembly by coreline sinker bar with 50m/min. Set coreline length zero at MTL hanger bottom. (10:00-12:45) When run sensor assembly to 6,916.5mBRT, observe coreline tension reduced (86kN -> 82kN). Resume run and try to pass through w/25m/min and 75gpm since coreline tension get recovered once wait a few minutes However, standpipe pressure increase to 2.8MPa w/75gpm. To avoid sensor rope or weaklink from breaking, stop pumping. Pick up to 6,450mBRT and start pumping with 50gpm. Confirm pressure is stable and resume run sensor assembly. Keep pumping with 50gpm while running to 6,916.5mBRT. Observe pressure increase again. Suspect pressure increase by plugging bore due to slacked ropes since sinker w/Impression block hangs up somewhere inside drillpipe Pick up to 6,910mBRT and coreline tension increased to 100kN from 92kN. Suspect Sinker w/Impression block hang up at 4-1/2"CSG hanger (CSG hager depth at 6,916.5mBRT).
12:45	17:30	4:45	COMPLETION(N)	7,853.0	Recover sensor assembly to surface Find two sensor missing (No.104 and No.123). Recover only No.104 rubber protector. Find the lower part of Weak link #1 (set point: 600kg), Short rope #1 and Sinker Bar (17kg) w/Impression block are missing
17:30	21:00	3:30	COMPLETION(N)	7,853.0	Recover UWTV Meanwhile: (17:00-17:15) Unload Sinker bar (17:15-19:00) Spot SWG 20m3 w/400gpm x 6.0 to 6.5MPa Remove drain hose (19:00-20:15) POOH 4-1/2" CSG hanger to 7,550mBRT Observe any drag (20:15-21:00) Open RGR and recover UWTV to BOP cart
21:00	24:00	3:00	COMPLETION(N)	7,853.0	POOH 4-1/2" CSG hanger to 6,275.0mBRT Meanwhile, (00:00-08:30) Advisory states due to wind speed >18m/sec and vessel position deviation >5m. (19:20-24:00) Advisory states due to wind speed >18m/sec

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	

BHA Record @24:00

13	Completion	Float shoe x 4-1/2"TBG 1m pup (2fts) x 4-1/2"TBG 3m pup x 4-1/2"TBG R2 (94fts) x 4-1/2"TBG 1m pup x CSG hanger x HART x 8-1/2"coring DC 6m pup x 8-1/2"coring DC (2stds) x XO#1																							
		x 5"DP V-150 (22stds) x XO#2 x 5"DP S-140 (42stds) 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 (11stds) 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		K+	n	K	LGS	FIT 20/40 (mm)	
																		In	Out					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"	80	400	6.5	DC 5"DP
2	6"				
4	6"				112 63

Materials Stock on Board @24:00

Item	Unit	Stock	Used	Received
Fresh Water	m3	199.2	71.5	87.5
Potable Water	m3	180.5	5.0	0.0
Drill Water	m3	776.5	9.5	0.0
Fuel	m3	2,763.7	49.0	0.0
Lube, Oil	Ltrs	90,700	0.0	0.0
Heli Fuel	Ltrs	0.0	0.0	0.0

Personnel @24:00

MarE3	7
MQJ Crew	100
MWJ	21
Scientist	27
JAMSTEC PR	1
Outreach officer	3
Grapher	
INPEX trainee	
Sub-contractor	
	WL
	Expro 6
	NuStar 3
	GE
Total	168

Mud Materials on Board @24:00hrs

(unit: kg)

Item	Received	Used	Stock
Barite			100,000
Tel-Gel			94,000
Caustic soda			3,425
Lime *Correction on 12/12		40	3,600
Flowzan			25

Mud volume

PHG (m3)	0
Kill mud (m3)	44
SWG(m3) 85se	0
SWG(m3) 61se	44
Pre-Mix (m3)	0

Marine Information @24:00

Heave (m)	0.5
Pitch (deg)	0.3
Roll (deg)	0.2
Vessel Heading (deg)	315
Riser Tension (kN)	-
V.D. Load (ton)	10797
Max Draught (m)	9.0
Thruster (kW)	1100

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

Daily	
Cumulative	

Reported by : N.Sakurai / T. Yokoyama

Approved by : T.Saruhashi