

Chikyu DAILY MORNING REPORT

Mission No. : CK24-01

Exp. No. : 405

Report No. : 5

Site Name	JTCT-01A	Hole Name	C0019D	Lat.	37°56.3224'N	Long.	143°54.8004'E	Seabed Depth :	6,926.0	mBRT	RT-MSL :	28.5	m	Report Date :	11/Sep/2024
Depth :	@24:00		mBRT			Progress :	0.0	m	Drilling/Coring/Underreaming Hrs. :	0.00	hrs				
Depth :	@06:00		mBRT			LAST CASING :		x	mbsf(mBRT)					
Summary of Operation on 10-Sep :										Run #1 drift run assy, Troubleshoot Coreline winch, Run CBRT to 610m, Run #2 drift run assy					-
Present Operation @ 06:00 on 11-Sep :										Recover #2 drift run assy					mBRT: meter below rotary table
Time Breakdown (00:00 - 24:00 on 10-Sep)															mbsf: meter below sea floor

From	To	Hrs	Code	Depth(mBRT)	Detail of Operation
0:00	0:45	0:45	OTHER(N)		Run #1 drift run ass'y to 580m Observe a lot of grease on the Coreline winch Pay out with 60m/min & suddenly observe slack off coreline 10m then find bird nest on coreline winch. Suspect hang on MTL hanger assembly on XO at around 580m.
0:45	2:30	1:45	OTHER(N)		Troubleshoot Coreline winch Break connection and install slip type coreline stopper on coreline at rig floor, slack off and pay out coreline until recover bird nest. Rewind coreline and recover MTL hanger with 12m rope with 3 sensors and 400kg of sinker bar(NuStar)
2:30	5:30	3:00	OTHER(N)		Run CBRT to 610m Drift through string by CBRT until pass XO between 6-5/8in Z140 and 5-1/2in UD165, confirm CBRT(MAX OD: 3-5/8in) pass XO Clean up grease inside Akema wiper by high pressure water gun Check MTL hanger OD 4-1/8in and modify to 4in by machining Meanwhile Prepare 12m rope with 3sensors and 400kg of sinker bar on rigfloor
5:30	9:30	4:00	OTHER		Run #1 drift run ass'y to confirm landing depth of MTL hanger Connect MTL hanger(4in) with 12m rope with 3 sensors and 400kg of sinker bar Confirm MTL Hanger(4in) pass through XO at 573m x 2times with 20m/min and 60m/min Connect Re-engagement tool onto wellhead at 6,924.5m. Apply 50kN on the wellhead. Check MTL hanger landing depth: First attempt: Landing at 6,938m(88kN) and Slack off 400kg at 6,941m(84kN) and Slack off 600kg at 6,947m(82kN) Second attempt: Slack off from 6,937m(89kN) and Slack off 400kg 6,940m(85kN) and Slack off 600kg at 6,947m(83kN)
9:30	12:00	2:30	OTHER		Recover #1 drift run ass'y to surface Recover Sensors x 3ea and conduct health check, confirm all data recorded correctly Disengage Re-engagement tool from wellhead
12:00	23:00	11:00	OTHER		MU and Run #2 drift run ass'y (12:00-13:00)Connect #1 and #2 rope with 400kg of sinker bar, with a sensor on #1 rope. (13:00-21:00)Measure #1 and #2 rope length with 400kg of sinker bar(NuStar) weighted Total length is 802.675m, unloaded length is 784.21m (the elongation is 18.465m.) (21:00-22:15)Prepare #3 rope with reference to length of #1 and #2 rope (22:15-23:00)Resume to MU #2 drift run ass'y, connect MTL hanger(4in), #3 rope and another 400kg of sinker bar(NuStar) with already assembled ass'y
23:00	24:00	1:00	OTHER		Run #2 drift run ass'y to drift inside tubing (3,600m at 24:00) Observe no drag while run Meanwhile, connect Re-engagement tool onto wellhead at 6,924.5m. Apply 50kN on the wellhead. Advisory status: (10:00-10:40) Conduct system investigation by Sonardyne engineer Meanwhile Conduct current survey by lbuki

Time Breakdown (00:00 - 06:00 on 11-Sep)					* The data on 00:00 - 06:00 is unofficial.
From	To	Hrs.	Code	Depth(mBRT)	Detail of Operation
0:00	3:00	3:00	OTHER		Run #2 drift run ass'y to drift inside tubing (00:00-1:45)Run to 6,900m Meanwhile, check slack off & pick up weight at 6,600m(↑93kN, ↓91kN), 6,700m(↑96kN, ↓93kN), 6,800m(↑96kN, ↓94kN) & 6,888m(↑98kN, ↓96kN) (01:45-02:45)Check tag depth of bottom sinker bar and MTL hanger landing depth: 1st: Down: Tag by lower sinker bar and slack off with 2kN from 6,906.5m(96kN) to 6,911m(94kN), then MTL hanger landing at 6,937m(from 94 to 91kN) Up: Pick up MTL hanger at 6,938m(from 92kN to 98kN), then continue to pick up sinker bar from 6,910m(96.5kN) to 6,906m(99kN) 2nd: Down: Tag by lower sinker bar and slack off with 2kN from 6,906.5m(97kN) to 6,910m(94kN), then MTL hanger landing at 6,938m(from 95 to 91kN) Up: Pick up MTL hanger at 6,937.5m(from 91kN to 98kN), then continue to pick up sinker bar from 6,910m(97.7kN) to 6,906m(99kN) 3rd: Down: Tag by lower sinker bar and slack off with 2.5kN from 6,906m(98kN) to 6,911m(94.5kN) Up: Pick up sinker bar from 6,910m(97kN) to 6,906m(100kN) 4th: Down: Tag by lower sinker bar and slack off with 2kN from 6,907m(99kN) to 6,913m(96kN) Up: Pick up sinker bar from 6,910m(99kN) to 6,906m(101kN) Slack off depth of bottom sinker bar is almost same at estimated fault depth. MTL hanger landing depth is match with #1 Drift run
3:00	6:00	3:00	OTHER		Recover #2 drift run ass'y to surface

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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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BHA Record @24:00

1	Re-engagement	Re-engagement tool x 8-1/2-inch coring DC 6m Pony x 8-1/2-inch coring DC (2stds) x XO#1 x 5-inch DP V-150 (24stds) x XO#2 x 5-inch DP S-140 (66stds) x 5-1/2-inch DP S-140 (22stds) x XO#3 x 5-1/2-inch DP S-150(25stds) x XO#4 x 5-1/2-inch DP UD-165 (29stds) x XO#5 x 6-5/8-inch DP Z-140 (15stds) x 6-5/8-inch DP UD-165														Hook Wt. (knt) @24:00 6,920.0 mBRT							Hook Load 3,500
																BHA 129							Below Jar
																HPS & Traveling block 610							CSG/TBG

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"				6"DC 5"DP
2	6"				-
3	6"				-

Materials Stock on Board @24:00

Item	Unit	Stock	Used	Received
Fresh Water	m3	260.6	66.9	40.5
Potable Water	m3	326.8	3.2	0.0
Drill Water	m3	1,712.0	0.0	0.0
Fuel	m3	6,842.1	42.1	0.0
Lube Oil	Ltrs	137,300	600.0	0.0
Heli Fuel	Ltrs	0.0	0.0	0.0

Personnel @24:00

MarE3	6
MQJ Crew	101
MWJ	8
Scientist	27
LSS	2
Outreach	
JAMSTEC	
Sub-contractor	
SLB-WL	
SLB-LWD	4
Expro	
NuStar	3
Sonardyne	1
Total	152

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

Item	Received	Used	Stock
Barite			76,000
Tel-Gel			208,000
Caustic soda			9,375
Lime			9,320
Flowzan			25

Mud volume	
PHG (m3)	376
Kill mud (m3)	60
SWG (m3)	122
Pre-Mix (m3)	60

Marine Information @24:00

Heave (m)	0.4
Pitch (deg)	0.2
Roll (deg)	0.1
Vessel Heading (deg)	230
Riser Tension (kN)	-
V.D. Load (ton)	15764
Max Draught (m)	9.0
Thruster (kW)	1300

Heli Information @24:00

Flt. No.	Time		Passenger	
	Arrived	Departed	Are.	Dept.
1	9:36	9:46	9	8
2	-	-	-	-

Boat Information @24:00

Akatsuki (Supply boat)	Status	-
Ibuki (Guard boat)	Status	Survey@3NM WVN

HSQE and other information

Incident	Last Incident	No. LTI
LTI	11/14/19	
HUNS cards	53	

Remarks

Reported by : Y.Oishi, N.Sakurai

Approved by : T.Saruhashi

Today's Schedule: Continue to dismantle #2 Drift assembly, Run and set sensor assembly, recover UWTV, POOH Re-engagement tool.