

Chikyu DAILY MORNING REPORT

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

Report No. : 96

Site Name JTCT-01A Hole Name C0019Q 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 : 11/Dec/2024

Depth : @24:00 7,853.0 mBRT 925.0 mbsf Progress : 0.0 m Drilling/Coring/Underreaming Hrs. : 0.00 hrs

Depth : @06:00 7,853.0 mBRT 925.0 mbsf LAST CASING : 13-3/8" x 45.00 mbsf(6,973.0 mBRT)

Summary of Operation on 10-Dec : Cont. rig up TBG handling tool. MU and Run 4-1/2"TBG. Adjust sensor rope length. Resume to run 4-1/2"TBG.

Present Operation @ 06:00 on 11-Dec : Continue to run 4-1/2"TBG w/drillpipe.

Time Breakdown (00:00 - 24:00 on 10-Dec)

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

From	To	Hrs	Code	Depth(mBRT)	Detail of Operation
0:00	0:45	0:45	CSG	7,853.0	Continue to rig up TBG handling tool
0:45	17:45	17:00	CSG	7,853.0	MU and Run 4-1/2"TBG to 906.4mBRT. Paint shoe and 1m mark from above shoe until 30m with white. (14:15-15:00) Pick up HART w/8-1/2" Coring DC pony and engage HART to CSG hanger on RTS. (15:00-15:45) Pick up HART w/ CSG hanger assembly and make up CSG Hanger w/ 4-1/2" TBG on the rotary. Apply 1m mark to 30m below CSG hanger landing ring. (15:45-17:45) Install CORKhead Clamp to CSG hanger and set wellhead clamp on rotary then disengage HART from CSG Hanger. Rig down 4-1/2" TBG handling tools. Rig up Sensor rope for Sensor assembly length adjustment. Meanwhile, Transfer sensor rope, drum and reel stand to drill floor from Laboratory. Install 3 x art cube on 4-1/2"CSG hanger. Pre-dive check UWTV.
17:45	22:45	5:00	COMPLETION	7,853.0	Sensor assembly length adjustment Pick up and run sinker bar w/impression block and sensor ropes with 8mm Prusik knot by Blue and Yellow tuggers. After making up Rope #7, install steel measure tape along the rope and continue to lower the rope for measuring rope length Length adjustment is done as per below. 1. Stop lowering when reach to designated position and install Load cell on the top. 2. Continue to lower and confirm sinker bar landing by weight reduction 10~20kg. 3. Pick up 4.054m to adjust sinker bar depth from top of float shoe. -> Calculate the cut length of Rope #7: 2.278m * Shorter than the planned length. After confirm rope #7 length, recover all sensor assembly to surface. Check the impression block, observe the stamp mark and confirm sinker bar landing onto float shoe.
22:45	24:00	1:15	TRIP	7,853.0	Resume to run 4-1/2"TBG w/drillpipe to 947.0mBRT. Pick up HART and re-engage to 4-1/2"CSG hanger Install 2ea x shear pins and 2ea x O-rings to HART Set HART internal pressure mode. Meanwhile, (04:10) Ibuki arrives at location. (14:10) Ibuki leaves the location after helicopter operation. Ibuki start sailing to Moji port (Demobilization). ETA at Moji on 14th Dec.
From	To	Hrs.	Code	Depth(mBRT)	Detail of Operation
0:00	6:00	6:00	TRIP	7,853.0	Continue to run 4-1/2"TBG w/drillpipe to 2,464mBRT, ongoing. Paint 1m mark from top of HART until 25m with white. Paint single line at 50m and double line at 100m. (01:15-03:00) Install DGR w/roller type insert and Install Long Slip w/Slip Lifter. Check water level inside drillpipe if float shoe auto-fill works: Observe water level comes up to sea 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							
							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 (14stds) x 6-5/8"DP UD-165	Hook Wt. (knt) @24:00 947.0 mBRT
			Hook Load 885
			BHA 35
			4-1/2"TBG 190
			HPS & Traveling block 660
			CSG/TBG 80

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	164.1	69.3	87.0
Potable Water	m3	188.5	3.0	0.0
Drill Water	m3	786.8	3.2	0.0
Fuel	m3	2,863.4	45.1	0.0
Lube_Oil	Ltrs	91,700	3,800.0	0.0
Heli Fuel	Ltrs	0.0	0.0	0.0

Personnel @24:00

MarE3	7
MQJ Crew	99
MWJ	21
Scientist	27
JAMSTEC PR	1
Outreach officer	3
Grapher	
INPEX trainee	
Sub-contractor	
WL	
Expro	6
NuStar	3
GE	
Total	167

Mud Materials on Board @24:00hrs

(unit: kg)

Item	Received	Used	Stock
Barite			100,000
Tel-Gel			94,000
Caustic soda			3,425
Lime			3,640
Flowzan			25

Mud volume

PHG (m3)	0
Kill mud (m3)	44
SWG(m3) 85se	0
SWG(m3) 61se	64
Pre-Mix (m3)	0

Marine Information @24:00

Heave (m)	0.9
Pitch (deg)	0.4
Roll (deg)	0.3
Vessel Heading (deg)	305
Riser Tension (kN)	-
V.D. Load (ton)	10883
Max Draught (m)	9.0
Thruster (kW)	2400

Heli Information @24:00

Flt. No.	Time		Passenger	
	Arrived	Departed	Are.	Dept.
1	09:45	09:55	13	14
2	14:05	14:15	9	9

Boat Information @24:00

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

HSQE and other information

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

Remarks

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

Daily	
Cumulative	

Reported by : N.Sakurai / T. Yokoyama

Approved by : T.Saruhashi

Today's Schedule: Continue to run 4-1/2"TBG with drillpipe. Run UWTV. Re-enter and RIH C0019Q hole.