

Chikyu DAILY MORNING REPORT

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

Site NameJTCT-01AHole NameC0019QLat (UWTV).37°56.2988'NLong.(UWTV)143°54.7733'ESeabed Depth : 6,928.0 mBRTRT-MSL : 28.5 mReport No. : 97

Lat (Ship).37°56.3086'NLong.(Ship)143°54.7737'E

Depth : @24:007,853.0 mBRT925.0 mbsfProgress : 0.0 mDrilling/Coring/Underreaming Hrs. : 0.00 hrs
Depth : @06:007,853.0 mBRT925.0 mbsfLAST CASING : 13-3/8" x 45.00 mbsf(6,973.0 mBRT)
Summary of Operation on 11-Dec : Continue to run 4-1/2"TBG w/drillpipe. Run UWTV. Re-enter and RIH C0019Q hole.
Present Operation @ 06:00 on 12-Dec : Continue RIH 4-1/2"TBG w/drillpipe. Run sensor assembly.

Time Breakdown (00:00 - 24:00 on 11-Dec)mBRT: meter below rotary table
mbsf: meter below sea floor

From	To	Hrs	Code	Depth(mBRT)	Detail of Operation
0:00	14:15	14:15	TRIP	7,853.0	Continue to run 4-1/2"TBG w/drill pipe to 6,873.0mBRT. 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 drill pipe if float shoe auto-fill works: Observe water level comes up to sea surface. Continue to check water level inside drill pipe every 1,000m: Observe water level comes up to sea surface. Open RGR door and shift BOP cart to AFT side
14:15	18:00	3:45	UWTV	7,853.0	Run UWTV to 7m above shoe Meanwhile Conduct break circulation: 100, 150, 200, 250, 300, 350, 400gpm x 1.1, 1.3, 1.8, 2.5, 3.2, 4.1, 5.1MPa Move BOP cart to FWD side and swallow DP then close RGR.
18:00	18:45	0:45	TRIP	7,853.0	Continue to run 4-1/2"TBG w/drillpipe to 6,925.0mBRT. Lowering with UWTV, maintain UWTV position 7m above 4-1/2in TBG shoe
18:45	23:30	4:45	OTHER	7,853.0	Seabed survey (18:45-21:00) Attempt to move three time to find C0019Q, but no find due to sonar heading setting incorrect. The sonar face deviated approximately 200deg, set up the sonar face same direction as UWTV face (21:00-22:45) After set sonar in correct position, attempt to move two times to find C0019D, but no success Attempt to check seabed depth by tagging with 4-1/2in TBG shoe, tag depth is 6,934.0mBRT which shows more deeper area than C0019D. Check Vessel position and find 66m offset from original C0019D position. (22:45-23:15) Move to C0019D as following previous re-entry Vessel position, success to find Hole C0019D. (23:15-23:30) Attempt to move 40.5m(265deg) from C0019D, then find C0019Q successfully After find C0019Q wellhead, immediately open CMC and Re-enter and RIH C0019Q hole directly. Observe cuttings accumulate around the Wellhead, approximately 1m
23:30	24:00	0:30	TRIP	7,853.0	RIH 4-1/2"TBG w/drillpipe to 6,990.0mBRT. Meanwhile, (10:40) Kaiyu evacuate to Shiogama port due to rough weather. (Return to Chikyu on 13th Dec) (16:10) Advisory states due to wind speed >18m/sec (21:00) Advisory states due to Vessel position deviation >5m

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 7,827.0BRT. Observe no excess drag while RIH to 7,827.0mBRT. 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. 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	6:00	0:30	COMPLETION	7,853.0	Run sensor assembly, ongoing. MU and run Sinker w/Impression block, sensor rope w/128ea sensors with Blue and Yellow tugger inside drillpipe, ongoing.

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
							FromTo			MinMax	MinMax			InnerOuterDullLoc.BGO.D.RP

BHA Record @24:00

13	Completion	Float shoe x 4-1/2"TBG 1m pup (2)ts x 4-1/2"TBG 3m pup x 4-1/2"TBG R2 (94)ts 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
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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 InOut	K+	n	K	LGS	FIT 20/40 (mm) 0 min5min

Mud Pumps : 14-P-2205.00 gallon/stroke @97%

No.	Liner Size	SPM	GPM	Press. (MPa)	Ann. Vel. (m/min)
1	6"	80	400	5.1	DC 5"DP
2	6"				112
4	6"				63

Materials Stock on Board @24:00

Item	Unit	Stock	Used	Received
Fresh Water	m3	183.2	68.1	87.2
Potable Water	m3	185.5	3.0	0.0
Drill Water	m3	786.0	0.8	0.0
Fuel	m3	2,812.7	50.7	0.0
Lube, Oil	Ltrs	90,700	1,000.0	0.0
Heli Fuel	Ltrs	0.0	0.0	0.0

Weather Information

Time	Weather	Temp. (degC)	Barometer	Wind	Wave	Current	Visibility
		AirSW	(hPa)	Speed (m/s)Dir. (deg)Gust (m/s)	Height (m)Dir. (deg)Period (s)	Speed(knt)Dir. (deg)	(km)
24:00	o	7.520.5	1009.7	12.231315.7	5.13007.4	0.5249	22.0

Today's Schedule: Continue to run sensor assembly. Release HART. POOH.

Personnel @24:00

MarE3	7
MOJ 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</			