

Chikyu DAILY MORNING REPORT

Mission No. :CK24-01

Exp. No. :405

Report No. :35

Site NameJTCT-01AHole NameC0019J

Lat.37°56.3286'NLong.143°54.7764'ESeabed Depth :6,927.5 mBRT

RT-MSL :28.5 m

Report Date :11/Oct/2024

Depth : @24:007,209.0 mBRT281.5 mbsf

Progress :0.0 m

Drilling/Coring/Underreaming Hrs. :0.00 hrs

Depth : @06:007,209.0 mBRT281.5 mbsf

LAST CASING :xmbsf(mBRT)

Summary of Operation on10-Oct: WOW

Present Operation @ 06:00 on11-Oct: Drop C0019J #22K(SDRCB) inner barrel then bottoms up, ongoing

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

FromToHrsCodeDepth(mBRT)

0:0024:000:00WAIT7,209.0

Continue to WOW.

Meanwhile

Rig services: Grease up CMC, traveling block. Remove grease from Akema wiper.

Maintenance coring tools

Measure wellhead for JTRACK Observatory

(0:00-24:00) Advisory status due to Vessel position deviation over 5m from wellcen

(0:00-19:00) Advisory status due to the wind speed over 18m/s

(7:46-9:46) Yellow status due to Vessel position deviation over 15.0m from wellcen

WindGustWaveCurrent

TimeDir.m/sm/smsec.knotdir.

0:004820.624.83.88.01.264

01:005320.022.44.17.91.165

02:004520.022.55.38.01.460

03:004520.021.85.37.80.538

04:002821.623.86.18.20.761

05:002120.624.06.58.31.240

06:002120.323.95.98.21.448

07:003522.024.36.08.21.452

08:004018.622.06.28.20.870

09:004020.321.05.98.10.807

10:004218.120.55.98.00.957

11:005119.021.45.68.01.561

12:004019.121.35.68.01.460

13:002316.521.35.58.10.938

14:002316.520.15.68.41.060

15:004216.619.47.08.41.164

16:005017.618.97.18.41.661

17:004518.420.37.08.41.660

18:004518.019.57.08.41.660

19:002116.018.27.88.41.766

20:002014.316.87.28.41.977

21:002114.016.57.38.61.770

22:00913.815.07.08.41.676

23:00815.016.87.58.31.390

24:00815.118.07.58.61.397

Time Breakdown (00:00 - 06:00 on11-Oct)

* The data on 00:00 - 06:00 is unofficial.

FromToHrsCodeDepth(mBRT)

0:002:002:00WAIT7,209.0

Continue to WOW.

(0:00-2:00) Advisory status due to Vessel position deviation over 5m from wellcenter

(2:00) Back to Green status

2:005:003:00TRIP7,209.0

Run SD-RCB assembly from 6,963.5mBRT to 7,209.0mBRT

Hold TBRA. Set RGR position 0.8m from wellcenter

Pump 10m3 SWG and wash down from 7,182.0mBRT to 7,209.0mBRT w/700gpm x 14.5MPa.

Tag bottom at 7,209mBRT, confirm no fill on bottom. Then sweep out at bottom w/700gpm x 14.5MPa

5:006:001:00CORE7,209.0

Drop C0019J #22K(SDRCB) inner barrel.

Confirm inner barrel landing by increasing pressure from 2.6 to 4.7MPa w/275gpm 33min after dropping.

Check pressure with 400/600gpm x 8.5/18.5MPa. Then bottoms up w/400gpm x 8.5 to 9.5MPa, ongoing

WindGustWaveCurrent

TimeDir.m/sm/smmsec.knotdir.

01:0035914.317.07.48.01.295

02:0035914.015.07.18.31.294

04:0035213.514.87.08.41.089

06:0033813.015.06.38.31.165

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		
3	8.5	NOV	CJPC713-A	-	F312253	7 x 16	6,927.5	7,209.0	281.5	10.90	0	100	0	80	20.35	25.8											

BHA Record @24:00

5

SDRCB

6-1/2 Core bit x Float valve sub x Near bit sub w/6-1/2 stabilizer x Outer core barrel x Landing sub w/6-1/2 stabilizer x Head sub x XO#1 x 6-3/4 Coring collar (3stds) x XO#2 x 3 DP V-150 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 (25stds) x XO#5 x 5-1/2 DP UD-165 (30stds) x XO#6 x 6-5/8 DP Z-140 (13stds) 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) 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"				0
4	6"				0

Materials Stock on Board @24:00

Item	Unit	Stock	Used	Received
Fresh Water	m3	264.1	54.3	80.7
Potable Water	m3	241.0	5.0	0.0
Drill Water	m3	1,322.0	36.0	0.0
Fuel	m3	5,492.9	49.1	0.0
Lube, Oil	Ltrs	123,900	0.0	0.0
Heli Fuel	Ltrs	0.0	0.0	0.0

Personnel @24:00

MarE3	6
MQJ Crew	100
MWJ	19
Scientist	26
Outreach	3
JAMSTEC PR	1
Sub-contractor	
WL	
Expro	
NuStar	3
Total	158

Mud Materials on Board @24:00hrs

(unit: kg)

Item	Received	Used	Stock
Barite			76,000
Tel-Gel			190,000
Caustic soda			8,625
Lime			8,560
Flowzan			25

Mud volume

PHG (m3)377

Kill mud (m3)50

SWG (m3)84

Pre-Mix (m3)65

Marine Information @24:00

Heave (m)2.5

Pitch (deg)1.7

Roll (deg)1.2

Vessel Heading (deg)015

Riser Tension (kN)-

V.D. Load (ton)14031

Max Draught (m)9.0

Thruster (kW)2000

Heli Information @24:00

Flt. No.	Time Arrived	Time Departed	Passenger Are.	Passenger Dept.
1				
2				

Boat Information @24:00

Akatsuki (Supply boat)	Status	Standby at Shiogama port
Ibuki (Guard boat)	Status	Standby at Shiogama port

HSQE and other information

Incident	Last Incident	No. LTI
LTI	11/14/19	
HUNS cards	24	

Remarks

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

Daily

Cumulative

Reported by : Y.Oishi, N.Sakurai

Approved by : T.Sarunashi

Weather Information

Time	Weather	Temp. (degC)		Barometer (hPa)	Wind			Wave			Current		Visibility (km)
		Air	SW		Speed (m/s)	Dir. (deg)	Gust (m/s)	Height (m)	Dir. (deg)	Period (s)	Speed(knt)	Dir. (deg)	
24:00	o	20.0	26.3	1009.7	15.1	8	18.0	7.5	60	8.6	1.3	97	22.0

Today's Schedule: Cut SD-RCB core