

Chikyu DAILY MORNING REPORT

Mission No. : CK18-04

Exp. No. : Exp 358

Report No. : 167

Site Name C0024 Hole Name C0024G Lat. 33°02' 00.6490"N Long. 136°47' 24.1800"E Seabed Depth : 3,871.5 mBRT RT-MSL : 28.5 m Report Date : 23/Mar/2019

Depth (F) : @24:00 3,990.5 mBRT 119.0 mbsf Progress : 119.0 m Drilling/Coring/Underreaming Hrs. : 11.50 hrs Last BOP PT: - Next BOP PT: -

Depth : @06:00 4,010.5 mBRT 139.0 mbsf LAST CASING : x mbsf(mBRT) Last BOP FT: - Next BOP FT: -

Summary of Operation on 22-Mar : RIH 10-5/8" ESCS BHA to 3,871.5mBRT. Spud C0024G. Drill 10-5/8" hole to 3,971.5mBRT. Cut #1 ESCS cores. Last Glycol 35gal Inj. -

Present Operation @ 06:00 on 23-Mar : Cut #3~#5 ESCS cores. mBRT: meter below rotary table mbsf: meter below sea floor

Table with columns: From, To, Hrs, Code, Depth(mBRT), Detail of Operation. Contains log entries for TRIP, W&R, DRL, and CORE operations.

Time Breakdown (00:00 - 06:00 on 23-Mar) * The data on 00:00 - 06:00 is unofficial.

Table with columns: From, To, Hrs, Code, Depth(mBRT), Detail of Operation. Contains log entries for CORE operations.

Bit Record @24:00 table with columns: Bit No., Size (RIH), MFR, Type, IADC Code, S/No., Nozzles, Depth (mBRT), Meter-age, Hrs., WOB (kN), rpm, Total Rev. (krev), ROP (m/hr), Dull Condition.

BHA Record @24:00 table with columns: 37, Shallow core, 10-5/8" PDC Bit x Bit sub w/o Stabilizer x SBOCB x Landing sub x Top sub x Head sub x 8-1/2" Coring DC (12jts) x XO.

Mud Properties @24:00 table with columns: Mud Type, Time, Depth (mBRT), MW, VIS, PV, YV, 6rpm, Gel St., API, Cake, pH, Pf, Cl-, Sand, Oil, Solid, MBC, Temp, K+, n, K, LGS, FIT 20/40 (mm).

Mud Pumps : 14-P-220: 24:00 5.00 gallon/stroke @97% table with columns: No., Liner Size, SPM, GPM, Press. (MPa), Ann. Vel. (m/min).

Personnel @24:00 table with columns: Name, Count. Lists crew members like MQJ, MWJ, Scientist, etc.

Mud Materials on Board @24:00hrs (unit: kg) table with columns: Item, Received, Used, Stock. Lists materials like Barite, Caustic Soda, etc.

Hook Wt. (knt) @24:00 3,974.5 mBRT table with columns: Item, Weight. Lists hook load, BHA, Jar, etc.

Geologic Information @24:00 table with columns: From, To, Lithology of cuttings.

Shale Shaker / Centrifuge @24:00 table with columns: No., #1-#3 Centrifuge running time.

Mud volume @24:00 table with columns: Item, Volume (m3). Lists Sweep mud, Fracseal, etc.

Heli Information @24:00 table with columns: Flt. No., Time (Arrived, Departed), Passenger (Are., Dept.).

Materials Stock on Board @24:00 table with columns: Item, Unit, Stock, Used, Received.

Mud volume @24:00 table with columns: Item, Volume (m3). Lists Sweep mud, Fracseal, etc.

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Safety (HSE) and other information table with columns: Incident, Last Incident, No. LTA.

Boat Information @24:00 table with columns: Boat Name, Status, Time @Chikyu (Departed, Arrived).

Mud volume @24:00 table with columns: Item, Volume (m3). Lists Sweep mud, Fracseal, etc.

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Remarks table with columns: Remarks.

Weather Information table with columns: Time, Weather, Temp. (degC), Barometer, Wind, Wave, Current, Visibility.

Today's Schedule: Continue to cut ESCS cores.

Mud volume @24:00 table with columns: Item, Volume (m3). Lists Sweep mud, Fracseal, etc.

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Marine Information @24:00 table with columns: Heave (m), Pitch (deg), Roll (deg), Vessel Heading (deg), Riser Tension (kN), V.D. Load (ton), Max Draught (m), Thruster (kW).

Reported by : T. Yokoyama / A.Suzuki Approved by : T.Ikawa