

Chikyu DAILY MORNING REPORT

Mission No.: CK18-04

Exp. No.: Exp 358

Report No.: 77

Site Name C0002 Hole Name C0002R Lat. 33° 18.0507'N Long. 136° 38.2029'E Seabed Depth: 1,967.5 mBRT RT-MSL: 28.5 m Report Date: 23/Dec/2018

Depth: @24:00 4,772.0 mBRT 2804.5 mbsf Progress: 0.0 m Drilling/Coring/Underreaming Hrs.: 0.00 hrs Last BOP PT: 12/14/2018 Next BOP PT: 14/2019

Depth: @06:00 4,772.0 mBRT 2804.5 mbsf LAST CASING: 11-3/4" x 2,922.50 mbsf(4,890.0 mBRT) Last BOP FT: 12/22/2018 Next BOP FT: 12/29/2018

Summary of Operation on 22-Dec: POOH 10-5/8" window mill assembly from 4.737mBRT to Surface. RIH 8-1/2" KO BHA from surface to 183mBRT. Last Glycol 35gal Inj. 12/18/2018

Present Operation @ 06:00 on 23-Dec: Cont. run 8-1/2" kick off assembly to 2.581mBRT. Conduct shallow test for MWD and Motor. mBRT: meter below rotary table

Time Breakdown (00:00 - 24:00 on 22-Dec) mbsf: meter below sea floor

Table with columns: From, To, Hrs, Code, Depth(mBRT), Detail of Operation. Contains log entries for 0:00-5:45, 5:45-6:30, 6:30-16:30, 16:30-18:45, 18:45-19:30, 19:30-24:00.

Time Breakdown (00:00 - 06:00 on 23-Dec) * The data on 00:00 - 06:00 is unofficial. Ditch magnet: 2.0kg (Total 121kg)

Table with columns: From, To, Hrs, Code, Depth(mBRT), Detail of Operation. Contains log entries for 0:00-1:15, 1:15-2:00, 2:00-6:00.

Bit Record @24:00 table with columns: 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.

BHA Record @24:00 table with columns: #, Description of BHA components like Window Mill, DP S-140, etc.

Mud Properties @24:00 table with columns: 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, Out), K+, n, K, LGS, FIT 20/40 (mm).

Mud Pumps: 14-P-220, 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, Position, Count. Lists crew members like CDEX, MQJ Crew, MWJ, Scientist, etc.

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

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

Shale Shaker @24:00 Centrifuge: 0 hrs table with columns: No., 30, 230, No.4, 30, 270, No.1, off.

Materials Stock on Board @24:00 table with columns: Item, Unit, Stock, Used, Received. Lists Fresh Water, Potable Water, Fuel, etc.

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

Mud volume@24:00 table with columns: Mud Volume (m3), Item, Count. Lists KNPP mud, Slug mud, KNP mud, etc.

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

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

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).

Weather Information table with columns: Time, Weather, Temp. (degC) (Air, SW), Barometer (hPa), Wind (Speed (m/s), Dir. (deg), Gust (m/s)), Wave (Height (m), Dir. (deg), Period (s)), Current (Speed (knt), Dir. (deg)), Visibility (km).

Today's Schedule: Cont. Run 8-1/2" kick off assembly. Start kick off 8-1/2" pilot hole from window. Reported by: A. Suzuki / N. Sakurai. Approved by: T. Ikawa.