

Chikyu DAILY MORNING REPORT

Mission No.: CK18-04

Exp. No.: Exp 358

Report No.: 75

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: 21/Dec/2018

Summary of Operation on 20-Dec: Perform FIT to 1.46sg. POOH 10-1/2" Tri-Mill assembly to surface. RIH 10-5/8" window mill assembly to 1,385mBRT

Time Breakdown (00:00 - 24:00) on 21-Dec: Cont. RIH 10-5/8" window mill assembly to 3,973mBRT

Table with columns: From, To, Hrs, Code, Depth(mBRT), Detail of Operation. Includes operations like 'Continue to reciprocate string', 'Flow check at 4,743mBRT', and 'RIH 10-5/8" window mill assembly'.

Time Breakdown (00:00 - 06:00) on 21-Dec: \* The data on 00:00 - 06:00 is unofficial.

Table with columns: From, To, Hrs, Code, Depth(mBRT), Detail of Operation. Includes operations like 'Continue to run 10-5/8" window mill assembly' and 'Change out shaker screens'.

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: #, Tool, Description. Lists tools like '10-1/2" OD Trill mill' and '10-5/8" Window mill'.

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#-Z20, 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: CDEX, Count. Lists crew members like 'MQJ Crew', 'MWJ', 'Scientist'.

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

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

Shale Shaker @24:00 Centrifuge: 3.5 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 items like 'Fresh Water', 'Potable Water', 'Drill Water', etc.

Boat Information @24:00 table with columns: Boat Name, Status, Time @Chikyu (Departed, Arrived). Lists boats like '#8 Meiji-maru', 'Akatsuki', 'Shincho-manu'.

Mud volume @24:00 table with columns: Mud Volume (m3), Count. Lists 'KNPP mud (1.37)', 'Slug mud', etc.

Hook Wt. (knt) @24:00 1,385.0 mBRT table with columns: Item, Weight. Lists 'Hook Load', 'BHA', 'Below HWDP', etc.

ROV @24:00 table with columns: Status, Dive, Last Dive, Injection Skid, DIVE w/135 gal.

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

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

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), 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. RIH 10-5/8" window mill assembly. Dress window to 10-5/8". POOH 10-5/8" window mill assembly and conduct BOP function test

Reported by: A. Suzuki / N. Sakurai, Approved by: T. Saruhashi