

Chikyū DAILY MORNING REPORT

Mission No.: CK13-04

Exp. No.: Exp 348

Report No.: 110

Site Name: C0002 Hole Name: C0002P Lat: 33° 18.6507'N Exp. No.: Exp 348 Report Date: 1/Jan/2014

Depth: @24.00 5026.0 mBRT 3058.5 mbsf Progress: 4.00 m Seabed Depth: 1,967.50 mBRT RT-MSL: 28.5 m

Summary of Operation on 31-Dec: Continue short trip to the bottom, ream down at 5011mBRT. Present Operation @ 06:00 on 1-Jan: Ream down to bottom.

Table with columns: From, To, Hrs, Code, Detail of Operation. Contains detailed log entries for operations from 0:00 to 23:15, including drilling, circulation, and reaming activities.

Time Breakdown (00:00 - 06:00 on 1-Jan) \* The date on 00:00 - 06:00 is unofficial.

Table with columns: From, To, Hrs, Code, Detail of Operation. Contains detailed log entries for operations from 0:00 to 6:00, including reaming and circulation activities.

Table with columns: Bit No., Size (in), MFR, Type, IADC Code, S.No., Nozzles, Depth (m), Meter-age, Hrs., WOB (kN), rpm, Total Rev (kern), Inner, Outer, Duff, Loc, B, G, O.D., RP.

Table with columns: No. 8, 12-1/4" LWD, Bit x PDM x Float sub (non-ported) x 12-1/4" sub x AFR x MS (AGH-EWR-PWD-HCM) x XBAT x HOC x 8-1/2" DCD (12) x Drilling jar x XO x 6.5" HW (12) x XO x PDP S-140 (8-stds) x 5-1/2" DP S-140 (21-stds) x XO x 5-1/2" DP S-150 (15-stds) x XO x 6-5/8" DP 2-140.

Table with columns: Mud Properties, Mud Type, Time, Depth (mBRT), MW, VIS, PV, YV, Gel St, WL, Cake, pH, PI, Cl-, Sand, Oil, Solid, MBC, Temp, K+, n, K, LGS.

Table with columns: Mud Pumps: 14-P-220 @ 5026.0 mBRT, 5.00 gallon/Stroke @97%, Personnel @24:00, Mud Materials on Board @24:00hrs.

Table with columns: Geologic Information, From, To, Lithology of cuttings, 4763.0, 4983.0, Claystone 100, Siltstone 0-Tr, 4983.0, 5025.0, Claystone 100, Siltstone 0-Tr.

Table with columns: Shale Shaker, Centrifuge hrs, No.1, #10, #200 x 2, No.4, #10, #180 x 2, No.1, off, No.2, #10, #180 x 2, No.5, #10, #200 x 2, No.2, off, No.3, #10, #200 x 2, No.6, #10, #180 x 2, No.3, off.

Table with columns: Materials Stock on Board @24:00, Item, Unit, Received, Used, Stock, Fresh Water, m3, 99.0, 48.5, 246.1, Potable Water, m3, 50.2, 5.2, 45.0, Drill Water, m3, 0.0, 23.0, (23.0), Fuel, m3, 0.0, 61.7, (61.7), Lube, Oil, Ltrs, 0.0, 0.0, 0.0, Hell Fuel, Ltrs, 0.0, 0.0, 0.0, Cement "GWC", ton, 0.0, 0.0, 0.0, Cement "C", ton, 0.0, 0.0, 0.0.

Table with columns: Boat Information @24:00, Boat Name, Status, Time @Chikyū, Departed, Arrived, Kalko, Current survey, -, -, -, Shinou-maru, Current survey @SW 5Smiles, -, -, -, Hakuryu-maru, Katsura, -, -, -.

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

Table with columns: Today's Schedule, Resume drilling.

Table with columns: Sensor distance to bit (m), AFR, 13.76, PWD-M5, 16.02, AGR, 16.23, DDS-M5, 16.79, EWIR-M5, 19.03, XBAT, 26.34, MWD, 31.45.

Table with columns: BOP status, Yellow pod, Blue pod, 1. Lower annular close: SPM leak, 2. Lower annular open: malfunction (SV and PS problems), 3. Upper inner choke open: SPM leak, 4. Upper outer choke open: SPM leak, 5. Lower inner choke close: Indication Pressure SW problem, 6. Choke Isolation valve close: leak, 7. Wellhead connector reg decrease: malfunction, 8. Upper annular close: SPM leak.

Table with columns: Hook We (ton) @ 5,011.0, Hook Load, normal drag w/pumping: 1 3200kN, 1 2900kN, normal drag w/o pumping: 1 3330kN, 1 2900kN, BHA, 390, Below-Jar, 380, Hook + HPS, 730, Hook block, 307, Jar Rotating time, SIN: 1762-1363, Jar Total, 18.23, Total, 78.12, hrs, Cutting size @24:00, Empty, Full, Total, 43, 1, 44.

Table with columns: Hel Information, Fit, No., Arrived, Departed, Ave, Passenger, Ave, Dept.

Table with columns: Safety (HSE) and other information, Incident, 13/Feb/2013, No. LTA, LTA, 16, HUNS cards, 16, Remarks, Bi-weekly safety meeting were held.

Table with columns: Marine Information @24:00, Heave (m), 0.2, Pitch (deg), 0.2, Roll (deg), 0.2, Vessel Heading (deg), 270, Riser Tension (kN), 9400, V.D. Load (Moon), 11666.0, Max Draught (m), 9.0, Thruster (kW), 2600.

Reported by: S. Yamada / D. Ikonomoto, Approved by: Y. Uemura