

Chikyu DAILY MORNING REPORT

Mission No.: CK18-04

Exp. No.: Exp 358

Report No.: 68

Site Name C0002 Hole Name C0002Q Lat. 33° 18.0507'N Long. 136° 38.2029'E Seabed Depth: 1,967.5 mBRT RT-MSL: 28.5 m Report Date: 14/Dec/2018

Depth: @24:00 5,230.0 mBRT 3262.5 mbsf Progress: 0.0 m Drilling/Coring/Underreaming Hrs.: 6.00 hrs Last BOP PT: 12/8/2018 Next BOP PT: 12/29/2018

Depth: @06:00 5,230.0 mBRT 3262.5 mbsf LAST CASING: 11-3/4" x 2,922.50 mbsf( 4,890.0 mBRT) Last BOP FT: 12/8/2018 Next BOP FT: 12/15/2018

Summary of Operation on 13-Dec: Cont. Ream down to 4,926mBRT. Circulation and bottoms up. POOH hole opening assembly to 4,712mBRT

Present Operation @ 06:00 on 14-Dec: BOP pressure test. Last Glycol 35gal Inj. 12/4/2018

Time Breakdown (00:00 - 24:00 on 13-Dec) mBRT: meter below rotary table mbsf: meter below sea floor

Table with columns: From, To, Hrs, Code, Depth(mBRT), Detail of Operation. Contains detailed log entries for various operations like reaming, circulation, and pressure testing.

Ditch magnet: 3.0kg (Total 178.8kg)

Time Breakdown (00:00 - 06:00 on 14-Dec) \* 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 operations on 14-Dec.

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), Inner, Outer, Dull, Loc., B, G, O.D., RP.

BHA Record @24:00 table with columns: #14, 8.5x12.25 LWD, 8-1/2" Bit sub w/non-ported x XO x arcVision675 x TeleScope675 x XO x 8-1/4" Stabilizer x 6-3/4" DC (1) x Z-Reamer x Float sub w/non-ported float x 6-3/4" DC (1) x 8-1/8" Stabilizer x 6-3/4" DC (10).

Mud Properties @24:00 table with columns: Mud Type, Time, Depth (mBRT), MW, VIS, PV, YV, 6rpm, Gel St. (10^4, 10^1), API, Cake, pH, PI, Cl-, Sand, Oil, Solid, MBC, Temp (In, Out), K+, n, K, LGS, FIT 20/40 (min, 0 min, 5 min), Over.

Mud Pump: 14P-220, 5.00 gallon/stroke @97%.

Personnel @24:00 table with columns: No., Liner Size, SPM, GPM, Press. (MPa), Ann. Vel. (m/min), 4.9, 64, 80.

Mud Materials on Board @24:00hrs (unit: kg) table with columns: Item, Received, Used, Stock.

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

Shale Shaker @24:00 table with columns: No.1, 30, 170, No.4, 30, 170, No.1, off; No.2, 30, 170, No.5, 30, 170, No.2, off; No.3, 30, 170, No.6, 30, 170, No.3, off.

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

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

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: POOH 8-1/2" x 12-1/4" hole opening assembly to surface.

Reported by: N. Sakurai / T. Nishiyama Approved by: T. Saruhashi