

Chikyu DAILY MORNING REPORT

Mission No. : CK13-04

Exp. No. : Exp 348

Report No. : 122

Site Name : C0002 Hole Name : C0002P Lat. 35° 18.0507'N Exp. No. : Exp 348 Report Date : 13Jan2014

Depth : @24:00 4928 mBRT 2960.5 mbsf (14.5') Progress : 0.0 m Seabed Depth : 1,967.5 mBRT RTMSL : 28.5 m

Summary of Operation on 12-Jan : POOH Underreamer BHA. Check anderreamer condition. RIH 2nd underreamer BHA. D/L cut & slip.

Present Operation on 13-Jan : Continue D/L cut & slip. RIH underreamer BHA.

Time Breakdown (00:00 - 24:00 on 12-Jan) Detail of Operation

0:00 13:30 13:30 Trip Continue POOH to surface. No excess drag. Flow check @3892mBRT - OK.

Table with columns: Angle, Deg. Values: LFJ 0 0, LMRP 130 0.5, BOP 170 0.5. Bulls eye reading @15:31

Check Anderreamer function and cutter condition. Extend cutter and observe all (three) reamer cutter damaged and cutter block loose.

Gauge check: Stab above Anderreamer: 12-3/16" (same as before) Anderreamer: 14-1/8" (-3/8" under gauge) Stab below Anderreamer: 12-3/16" (same as before)

Break off bit and Anderreamer. Lay out same. Observe all (five) gauge and shoulder cutter damaged (gauge 12-1/8", -1/8" under gauge)

13:00 14:30 1:30 RR Replace pipe handler for checking torque wrench. Meanwhile, prepare next BHA.

14:30 20:45 6:15 Trip Make up 12-1/4" x 14-1/2" underream BHA. RIH to 1909mBRT. Make up 12-1/4"PDC bit for pilot bit. Pick up and make up 12.25"-14.5"Anderreamer (new). Check float sub, replace float valve.

20:45 24:00 3:15 RS Drilling line cut & Slip @1909mBRT. Ton-mile: 9713.5.

Note: (0:00 - 24:00) DP status "Advisory" due to monitor anemometer condition. (Anemometer is back to normal condition, but under observation due to unknown failure 3 days ago.) ROV on deck. Troubleshooting on fiber cable. Install Multi plaster (Interface Mux 907) into system for operate cage and ROV with one fiber cable. Repair injection skid / 2 canister repairing on going.

Sea current: Chikyu 0.6-1.8 knot. SW 5 miles 1.8-4.2 knot.

Time Breakdown (00:00 - 06:00 on 13-Jan) * The data on 00:00 - 06:00 is unofficial.

0:00 2:30 2:30 RS Continue drilling line cut & slip.

2:30 6:00 3:30 Trip Continue RIH 12-1/4" x 14-1/2" Underreamer BHA to 3583mBRT. Fill up every 16 stands.

Note: (0:00 - 6:00) DP status "Advisory" due to monitor anemometer condition. Continue repair injection skid. Sea current: Chikyu 1.2knot, SW 5miles 3.6knot, S 6miles 3.75knot @6:00.

Bit Record table with columns: Bit No., Size, MFR, Type, IADC Code, S/No., Nozzles, Depth (m), Meter-age, Hrs., WOB (kN), rpm, Total Rev. (kern), Inner, Outer, Drill Condition.

BHA Record table with columns: Bit No., Size, MFR, Type, IADC Code, S/No., Nozzles, Depth (m), Meter-age, Hrs., WOB (kN), rpm, Total Rev. (kern), Inner, Outer, Drill Condition.

Mud Properties table with columns: Mud Type, Time, Depth (mBRT), MW, VIS, PV, YV, Gel St. (10", 10'), WL, Cake, pH, PI, Cl-, Sand, Oil, Solid, MBC, In, Out, K+, n, K, LGS.

Mud Pumps table with columns: No., Liner Size, SPM, GPM, Press. (MPa), Ann. Vel. (m/min).

Personnel table with columns: Name, Position.

Mud Materials on Board table with columns: Item, Received, Used, Stock.

Hook Load table with columns: Item, Weight (ken), mBRT.

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

Shale Shaker table with columns: No., #10, #200 x 2, No.4, #10, #200 x 2, No.1, off.

Mud Volume table with columns: Item, Volume (m3).

Helicopter Information table with columns: Flt. No., Arrived, Time, Departed, Passenger.

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

NOV Underreamer table with columns: Item, Quantity.

Mud Volume (m3) table with columns: Item, Volume (m3).

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

Boat Information table with columns: Boat Name, Status, Time @Chikyu.

Mud Volume (m3) table with columns: Item, Volume (m3).

Mud Volume (m3) table with columns: Item, Volume (m3).

Marine Information table with columns: Item, Value.

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

Today's Schedule table with columns: Time, Weather, Temp. (degC), Barometer, Wind, Wave, Current, Visibility.

Reported by : D. Ikenomoto / T. Yokoyama / S. Kataoka Approved by : T. Saruhashi