

Chikyu DAILY MORNING REPORT

Mission No.: CK18-00 Exp. No.: Exp 358

Report No.: 94

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: 9/Jan/2019

Depth: @24:00 4,880.0 mBRT 2912.5 mbsf Progress: 37.0 m Drilling/Coring/Underreaming Hrs.: 14.25 hrs Last BOP PT: 1/5/19 Next BOP FT: 1/26/19

Summary of Operation on 8-Jan: Anti-jam procedure for LWD tool. Cont. Drill down to 4.880mBRT w/late survey. Ream up and down. Enlarge hole. Last Glycol 35gal Inj. 1/1/19

Time Breakdown (00:00 - 24:00) on 8-Jan: Detail of Operation 0.00 1:30 1:30 LOG(N) 4,843.0 Perform Anti-Jam procedure because signal detect the jam at modulator in Telescope

1:30 2:00 0:30 LOG(N) 4,843.0 Downlink of data acquisition interval from 8bps to 6bps. Receive good signal from LWD. Change DWOB and DTOR data intervals from 5sec to 6.6sec.

2:00 10:15 8:15 DRL 4,866.0 Drill 8-1/2" x 12-1/4" hole from 4,843mBRT to 4,866mBRT. WOB: 70-90kN, HPS: 150rpm x 15-20kNm, MP: 600gpm x 22.5MPa. Downhole WOB: 100-160kN, Downhole torque: 0.4-5kNm, ECD: 1.433-1.438sg

10:15 11:30 1:15 OTHER 4,866.0 Take survey at 4,863mBRT. Decide to drill down to confirm inclination below 4,863mBRT (Drilling break depth). Ream up and down from 4,834mBRT to 4,859mBRT(UR depth 4,805mBRT to 4,830mBRT) x 3times

13:30 14:00 0:30 OTHER 4,871.0 Take survey at 4,872mBRT(sensor depth: 4,860.549mBRT) WOB: 70-100kN, HPS: 120rpm x 15-21kNm, MP:600gpm x 22.5MPa. DWOB: 85-100kN, DTOR: 2.1kNm, ECD: 1.436-1.437sg

17:00 17:30 0:30 OTHER 4,880.0 Take survey at 4,879mBRT(sensor depth: 4,867.249mBRT) Ream up and down From 4,864mBRT to 4,871mBRT(UR depth 4,834mBRT to 4,848mBRT) x 4times

19:30 20:00 0:30 OTHER 4,880.0 Take survey at 4,878.5mBRT(sensor depth: 4,866.401mBRT) Ream up and down from 4,834mBRT to 4,859mBRT(UR depth 4,805mBRT to 4,830mBRT) x 3times

22:15 22:45 0:30 OTHER 4,880.0 Take survey at 4,856.5mBRT(sensor depth: 4,845.127mBRT) Enlarge to 12-1/4" hole from 4,819mBRT to 4,834mBRT

23:45 24:00 0:15 W&R 4,880.0 Continue ream down from 4,834mBRT to 4,838mBRT From 4,834mBRT to 4,836mBRT. WOB: 0-16kN, HPS: 60rpm x 13-16kNm, MP:600gpm x 23.3MPa

Time Breakdown (00:00 - 06:00) on 9-Jan: Detail of Operation 0:00 1:30 1:30 W&R 4,880.0 Continue ream down from 4,838mBRT to 4,839mBRT

1:30 2:00 0:30 TRIP 4,880.0 POOH to 4,799mBRT. Enlarge to 12-1/4" hole from 4,799mBRT to 4,819mBRT. WOB: 0-20kN, HPS: 60rpm x 13-18kNm, MP:600gpm x 23.3MPa, no observe any high Torque and WOB

2:15 3:00 0:45 W&R 4,880.0 Ream down from 4,799mBRT to 4,805mBRT. HPS torque fluctuate and take weight 50kN from 4,803mBRT to 4,805mBRT. Stop reaming down and decide to POOH to avoid to enlarge hole too much.

3:00 4:00 1:00 TRIP 4,880.0 POOH to 4,740mBRT. 4:00 6:00 2:00 C&C 4,880.0 Circulation and bottoms up. 600gpm x 22.0MPa. Boost riser 450gpm x 4.5MPa.

Advisory status: (02:30-05:00) wind speed >18m/s <ROV> (0:30-6:00)Confirm no malfunctioning the gauge communication at surface test: OK Continue conduct weekly maintenance

Table with columns: No., Liner Size, SPM, GPM, Press. (MPa), Ann. Vel. (m/min), etc. Includes sections for Bit Record, BHA Record, Mud Properties, Personnel, Mud Materials on Board, and various logs.

Table with columns: Time, Weather, Temp. (degC), Barometer, Wind, Wave, Current, Visibility. Includes sections for Boat Information, Weather Information, and a schedule for 24:00.