

Chikyuu DAILY MORNING REPORT

Mission No. : CK18-04

Exp. No. : Exp 358

Report No. : 59

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 : 5/Dec/2018

Depth : @24:00 5,093.0 mBRT 3125.5 mbsf Progress : 55.5 m Drilling/Coring/Underreaming Hrs. : 21.75 hrs Last BOP PT: 11/15/2018 Next BOP PT: 12/6/2018

Depth : @06:00 5,114.5 mBRT 3147.0 mbsf LAST CASING : 11-3/4" x 2,922.50 mbsf (4,890.0 mBRT) Last BOP FT: 11/29/2018 Next BOP FT: 12/6/2018

Summary of Operation on 4-Dec : Cont. to drill from 5,037.5mBRT to 5,093mBRT. Last Glycol 35gal Inj. 12/4/2018

Present Operation @ 06:00 on 5-Dec : Cont. drill 8-1/2" x 12-1/4" hole to 5114.5mBRT. mBRT: meter below rotary table mbsf: meter below sea floor

Time Breakdown (00:00 - 24:00 on 4-Dec)

Table with columns: From, To, Hrs, Code, Depth(mBRT), Detail of Operation. Contains log entries for drilling operations from 0:00 to 21:15, including hole depth, WOB, HPS, MP, and survey data.

Time Breakdown (00:00 - 06:00 on 5-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 drilling operations from 0:00 to 03:00 on 5-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), Dull Condition.

BHA Record @24:00 table with columns: #1, #2, #3, #4, #5, #6, #7, #8, #9, #10, #11, #12, #13, #14, #15, #16, #17, #18, #19, #20, #21, #22, #23, #24, #25, #26, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40, #41, #42, #43, #44, #45, #46, #47, #48, #49, #50, #51, #52, #53, #54, #55, #56, #57, #58, #59, #60, #61, #62, #63, #64, #65, #66, #67, #68, #69, #70, #71, #72, #73, #74, #75, #76, #77, #78, #79, #80, #81, #82, #83, #84, #85, #86, #87, #88, #89, #90, #91, #92, #93, #94, #95, #96, #97, #98, #99, #100.

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

Mud Pumps - 14-P-220 table with columns: No., Liner Size, SPM, GPM, Press. (MPa), Ann. Vel. (m/min), 4.7500, 5.5000.

Personnel @24:00 table with columns: Name, Position, Count. Lists crew members like CDEX, MQJ Crew, etc.

Mud Materials on Board @24:00hrs table with columns: Item, Received, Used, Stock. Lists materials like Barite, Caustic Soda, etc.

Geologic Information @24:00 table with columns: From, To, Lithology of cuttings. Lists geological data for depths 5025.0 to 5085.0.

Shale Shaker @24:00 table with columns: No., Size, No.4, No.5, No.6, No.7, No.8, No.9, No.10, No.11, No.12, No.13, No.14, No.15, No.16, No.17, No.18, No.19, No.20, No.21, No.22, No.23, No.24, No.25, No.26, No.27, No.28, No.29, No.30, No.31, No.32, No.33, No.34, No.35, No.36, No.37, No.38, No.39, No.40, No.41, No.42, No.43, No.44, No.45, No.46, No.47, No.48, No.49, No.50, No.51, No.52, No.53, No.54, No.55, No.56, No.57, No.58, No.59, No.60, No.61, No.62, No.63, No.64, No.65, No.66, No.67, No.68, No.69, No.70, No.71, No.72, No.73, No.74, No.75, No.76, No.77, No.78, No.79, No.80, No.81, No.82, No.83, No.84, No.85, No.86, No.87, No.88, No.89, No.90, No.91, No.92, No.93, No.94, No.95, No.96, No.97, No.98, No.99, No.100.

Materials Stock on Board @24:00 table with columns: Item, Unit, Stock, Used, Received. Lists items like Fresh Water, Potable Water, etc.

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

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

Today's schedule: Cont. Drill 8-1/2"x12-1/4" hole to 5,667.5mBRT.

Reported by : A. Suzuki / T. Yokoyama
Approved by : T. Ikawa