

Chikyu DAILY MORNING REPORT

Mission No. : CK18-04

Exp. No. : Exp 358

Report No. : 104

Site NameC0002

Hole NameC0002R

Lat.33° 18.0507'N

Long.136° 38.2029'E

Seabed Depth:1,967.5 mBRT

RT-MSL:28.5 m

Report Date:19/Jan/2019

Depth: @24:004,880.0 mBRT2912.5 mbsf

Progress:0.0 m

Drilling/Coring/Underreaming Hrs.:0.00 hrs

Last BOP PT:1/5/19

Next BOP PT:1/26/19

Depth: @06:004,880.0 mBRT2912.5 mbsf

LAST CASING : 4.88" x 11.34" ESET x 2,847.50 mbsf 4,815.0 mBRT

Last BOP FT:1/12/19

Next BOP FT:1/19/19

Summary of Operation on 18-Jan : Continue circulation and work pipe. RU and Run FPIT. Conduct FPIT survey #1.

Present Operation @ 06:00 on 19-Jan : Continue to conduct FPIT survey #2 and #3. POOH FPIT tool to surface. Prepare for run back off tool.

Last Glycol 35gal Inj 1/15/19

Time Breakdown (00:00 - 24:00 on 18-Jan)

mBRT: meter below rotary table

mbsf: meter below sea floor

FromToHrsCodeDepth(mBRT)

Detail of Operation

0:000:150:15C&C4,880.0

Continue to circulation w/100gpm x 4-5MPa and conduct derrick inspection

0:1514:4514:30OTHER(N)4,880.0

Confirm derrick condition, OK

Work pipe at 4,816mBRT

Attempt to break string by Jarring. No success

Jar activate once to several times(Jarring up max overpull 1,500kN)

Continue try to cocked by 500kN(SO) then overpull 700kN(OP) for jarring up, and 200kN(OP) then 600kN(SO) for jarring down(w/pump).

Pump: 100, 150, 175gpm x 3-5.7MPa

Attempt to break free string w/70rpm x 42kNm of neutral weight

Meanwhile: (09:45-10:15) Hold meeting for back off job w/SLB wireline engineer and MQJ

(10:15-14:30) Prepare SLB wireline equipment

14:4516:452:00OTHER(N)4,880.0

Rig up SLB wireline equipment

Rack back triple and make up double joints for space out.

Install 3 x wireline sheaves to derrick and drill floor.

Assemble FPIT (Free Point Indicator Tool) to wireline.

16:4517:150:30OTHER(N)4,880.0

Prepare and pick up FPIT.

Find ball valve on wireline BOP unable to open fully by DCIS.

17:1520:002:45OTHER(N)4,880.0

Troubleshoot for ball valve on wireline BOP.

Open ball valve by manual due to sticky.

Remove ball valve actuator and leave open position, and secure the electrical cables.

20:0024:004:00OTHER(N)4,880.0

Run and conduct FPIT survey, on going.

Check string rotation count until surface torque reaches to 42kNm: 16 turns.

Apply CMC on and wireline AHC while run FPIT.

Set zero reset at rotary table.

Depth correlation between down log and up log.

Length from the FPIT bottom

Sensor section1.5 m

CCL3.0 m

FPIT survey

[Pipe stretch measurement by overpull]

[Pipe stretch measurement by torque]

Apply 500kN overpull and set upper anchor.

Set torque limit at 42kNm.

Slack off 5m of wireline cable and set lower anchor.

Apply right hand torque.

CMC off and apply total 1500kN overpull.

Perform stretch measurement.

Perform stretch measurement.

Release torque to 0kNm.

FPIT survey result

#Wireline depthOverpullPipe stretchTurnTorque free

(mBRT)(kN)(%)(times)(%)

14,6021500.0791491.2

Observe Jar activated while FPIT survey

Prepare for backload 67/its of 9-5/8"ESET(purchased) binding by Econo wrap, anchor hanger, launcher and connection sleeves, on going.

(08:00-11:00): Advisory status due to the replacement of #2 Anemometer.

(13:50-14:40): Advisory status due to the maintenance of starboard #2 sub generator.

No loss in 24hrs

Time Breakdown (00:00 - 06:00 on 19-Jan)

* The data on 00:00 - 06:00 is unofficial.

FromToHrsCodeDepth(mBRT)

Detail of Operation

0:002:302:30OTHER(N)4,880.0

Continue to conduct FPIT survey.

FPIT survey @ 4,816mBRT and 4,791mBRT (Wireline depth).

FPIT survey result

#Wireline depthOverpullPipe stretchTurnTorque free

(mBRT)(kN)(%)(times)(%)

24,8161600.028150.3

34,7911500.01001494.5

On the way up to #3 survey depth, conduct short depth correlation by CCL

2:305:303:00OTHER(N)4,880.0

POOH FPIT tool to surface

On the way up, conduct depth correlation 4,816mBRT to 4,220mBRT by CCL

5:306:000:30OTHER(N)4,880.0

Prepare for run back off tool

Bit Record @24:00

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

22

9.851" DO BHA

19,851" Junk Mill x Bit Sub w/ non ported float x XO#1 x 6-3/4" DC (4-1/2"IF 3stds) x 6-1/2" jar x 6-3/4" DC (4-1/2"IF 2ft) x XO#2 x Churchill Drift Sub x 5" DP S-140 (12stds) x 5-1/2" DP S-140 (22 stds) x XO#3 x 5-1/2" DP S-150 (70 stds) x XO#4 x 6-5/8" DP Z140 (12stds) x 6-5/8" DP UD-165

Mud Properties @24:00

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

Temp Out

K+

n

K

LGS

FIT 20/40 (mm) 0 min

FIT 20/40 (mm) 5 min

Mud Pumps : 14-P-220

5.00 gallon/stroke @97%

No.

Liner Size

SPM

GPM

Press. (MPa)

Ann. Vel. (m/min)

1

6"

17

85

5.7

6.7500 4.50DP

2

6"

18

90

3

6"(Booster)

90

450

Geologic Information @24:00

From

To

Lithology of cuttings

Shale Shaker / Centrifuge @24:00

No.1

30, 230

No.4

30, 230

#1-#3 Centrifuge running time

No.2

30, 230

No.5

30, 230

No.3

30, 230

No.6

30, 230

Materials Stock on Board @24:00

Item

Unit

Stock

Used

Received

Fresh Water

m3

314.2

77.6

96.4

Potable Water

m3

320.9

4.5

0.0

Drill Water

m3

1,148.7

29.6

0.0

Fuel

m3

4,203.9

45.7

0.0

Lube, Oil

Ltrs

77,600

0.0

0.0

Heil Fuel

Ltrs

0.0

0.0

0.0

Cement "GWC"

ton

161.9

24.1

0.0

Cement "G"

ton

97.0

0.0

0.0

Boat Information @24:00

Boat Name

Status

Time @Chikyu

#8 Meiji-maru

Chikyu

Departed

Akatsuki

Chikyu

Arrived

Shincho-maru

Chikyu

19:25

Weather Information

Time

Weather

Temp. (degC)

Air

SW

Barometer (hPa)

Wind

Speed (m/s)

Dir. (deg)

Gust (m/s)

Height (m)

Dir. (deg)

Period (s)

Wave

Speed(knt)

Dir. (deg)

Current

Speed(knt)

Dir. (deg)

Visibility

(km)

24:00

bc

9.5

17.9

1025.5

7.3

312

8.0

1.3

280

4.6

0.6

169

22.0

Today's Schedule:

Continue to prepare for run back off tool. Run back off tool by wireline. Back off and retrieving drill out assembly

Hook Wt. (knt) @24:004,816.5 mBRT

Hook Load2,774

BHA130

Below DC-

Below Jar120

HPS & Traveling block620

Hook + RRT-

Hook block-

Jar Rotating time 2-S/N:1760-5031

Today0.00Total4.22hrs

Cutting skip @24:00

EmptyFullTotal

55055

ROV @24:00

StatusOn deck

Last Dive1/18/19

Injection SkidDive w/135 gal skid

Heli Information @24:00

Flt.

Time

Passenger

No.

Arrived

Departed

Are.

Dept.

1

9:19

9:29

9

4

2

11:27

11:37

9

0

3

13:48

13:58

5

4

4

Safety (HSE) and other information

Incident

Last Incident

No. LTA

LTA

HUNS cards

24

Remarks

Marine Information @24:00

Heave (m)

0.3

Pitch (deg)

0.2

Roll (deg)

0.1

Vessel Heading (deg)

295

Riser Tension (kN)

9750.0

V.D. Load (ton)

13192

Max Draught (m)

9.0

Thruster (kW)

700

Reported by : T.Yokoyama / A. Suzuki / N.Sakurai

Approved by : T.Saruhashi / T.Ikawa