

Chikyu DAILY MORNING REPORT

Mission No. : CK18-04

Exp. No. : Exp 358

Report No. : 110

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 :	25/Jan/2019
Depth : @24:00	4,880.0 mBRT	2912.5 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 : @06:00	4,880.0 mBRT	2912.5 mbsf		LAST CASING :	9-5/8" x 11-3/4" ESET x	2,847.50 mbsf(4,815.0 mBRT)	Last BOP FT :	1/12/19	Next BOP FT :	1/23/19		
Summary of Operation	on 24-Jan : Derrick inspection. RU wireline. Run 58.5mmOD Gauge cutter. Wind up to surface. Work pipe by jarring. Run bullnose. Cont. attempt to pass bullnose through. Wind up bullnose to surface. Prepare and run 55.5mmOD gauge cutter.										Last Glycol 35gal Inj.	1/22/19	
Present Operation @ 06:00	on 25-Jan										mBRT: meter below rotary table		
Time Breakdown (00:00 - 24:00	on 24-Jan										mbsf: meter below sea floor		

From	To	Hrs	Code	Depth(mBRT)	Detail of Operation
0:00	3:45	3:45	OTHER(N)	4,880.0	Continue Derrick inspection.
3:45	6:00	2:15	OTHER(N)	4,880.0	Prepare to rig up wireline equipment and gauge cutter run. Pick up and make up 2 joints of 6-5/8" DP UD-165 for space out.
6:00	10:00	4:00	OTHER(N)	4,880.0	Rig up wireline equipment. Install 3 x wireline sheave at derrick and drill floor. Receive Gauge cutter (58.5mmOD and 55.5mmOD) and XO for SLB wireline. Make up 58.5mmOD Gauge cutter to wireline tool. Secure Gauge cutter and XO with Loctite, seal tape and tapes to prevent loosen the connection. Gauge cutter (bottom): 4.74m Measure CCL offset from tool's bottom: 4.74m from bottom. Tool offset from CCL
10:00	16:00	6:00	OTHER(N)	4,880.0	Pick up and run 58.5mm OD gauge cutter to 4,788mBRT. Pick up and reset zero setting with CCL at drill floor level. (10:30-10:45) Fail to pass gauge cutter through the ball valve of wireline BOP. Suspect Gauge cutter lands on the ball valve since the ball valve does not fully open. Try to pass through the ball valve, and Gauge cutter passed. Gauge cutter take weight at 4,786mBRT and attempt to pass through obstacle for 3times but unable to pass. Attempt to pass while picking up string with overpull 300kN and 500kN but gauge cutter take weight at same depth. When attempt to pick up string with overpull 500kN again, jar fire unexpectedly, then gauge cutter pass 4786mBRT but take weight again at 4788mBRT Attempt to pass while picking up string with overpull 300kN again but gauge cutter take weight at 4,788mBRT. Slack off weight 300kN and attempt to pass 4,788mBRT but no success. Overpull 300kN with torque 20kNm and attempt to pass 4,788mBRT but no success. Decide to wind up 58.5mmOD gauge cutter to surface.
16:00	18:00	2:00	OTHER(N)	4,880.0	Wind up 58.5mm OD gauge cutter to surface. Find 2 pieces of rust inside gauge cutter and gauge cutter edge was chipped.
18:00	18:45	0:45	OTHER(N)	4,880.0	Prepare for jarring. Haul wireline sheave above HPS to pipe stand.
18:45	19:00	0:15	OTHER(N)	4,880.0	Work pipe by jarring. Slack off 300-400kN and overpull 1,600kN for jar up (Total 4times). Jarring up at 1st overpull and pick up to 2,500kN overpull after jar fired: No success to free.
19:00	20:30	1:30	OTHER(N)	4,880.0	Prepare for running bullnose. Terminate wireline logging head.
20:30	24:00	3:30	OTHER(N)	4,880.0	Pick up and run bullnose to 4,787mBRT. Pick up and reset zero setting with CCL at drill floor level. Tool offset from CCL to bullnose bottom: 3.985m Bullnose take weight at 4,784mBRT and attempt to pass through obstacle for 3times but unable to pass. Pick up string with overpull 300kN, then attempt to pass. Pass through 4,784mBRT successfully but take weight at 4,787mBRT. (15:30-17:20) Advisory status due to the maintenance of Anemometer. <Offline> Iron roughneck over torque issue is under investigation at auxiliary well. Find the sensor for slide guide which is between upper and lower jaws does not detect errors properly. Ditch magnet: 1.5kg (Total 21.5kg from RIH 9.851"junk mill) No loss/gain in 24hrs

Time Breakdown (00:00 - 06:00 on 25-Jan) * The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Depth(mBRT)	Detail of Operation
0:00	1:45	1:45	OTHER(N)	4,880.0	Continue to run bullnose. Pick up string with overpull 500kN, then attempt to pass but take weight at 4,787mBRT again. Slack off string with 100kN, and attempt to pass through 4,787mBRT. But take weight at 4,787mBRT. Pick up string with overpull 1,500kN and check jar does not fire upward. And attempt to pass through, but observe taking weight at 4,787mBRT. Back to neutral weight and torque up string to 20kNm. And attempt to pass through again, but fail to pass through 4,787mBRT. Release torque to 0kNm.
1:45	3:30	1:45	OTHER(N)	4,880.0	Wind up bullnose to surface. Observe no significant damage of bullnose.
3:30	6:00	2:30	OTHER(N)	4,880.0	Prepare and run 55.5mmOD gauge cutter to 4,783mBRT. Tool offset from CCL to 55.5mmOD gauge cutter bottom: 4.74m Observe taking weight at 4,783mBRT.

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							
							From	To					Inner	Outer	Dull	Loc.	B	G	O.D.	RP	

Bit Record @24:00	23	Fishing BHA	Screw in sub (4-1/2IF Pin x 4-1/2IF Box) x XO#1 x XO#2 x 8" Jar x 8-1/2" DC (6jts) x XO#3

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	6rpm	Gel St. (10", 10')	API	Cake	pH	Pf	Cl-	Sand	Oil	Solid	MBC	Temp In	Temp Out	K+	n	K	LGS	FIT 20/40 (mm)
KNPP	2:00	Pit	1.39	60	23	26	8	7	15	7.0	1.1	10.6	0.1	117,000	0.20	19.0	2.25	8	20,900	0.47	2.09	6.50	-	-
KNPP	14:00	Pit	1.39	60	23	25	8	7	15	7.0	1.1	10.6	0.1	117,000	0.20	19.0	2.25	8	20,900	0.47	2.09	6.50	-	-

Mud Pumps : 14-P-220	5.00	gallon/stroke @97%			
No.	Liner Size	SPM	GPM	Press. (MPa)	Ann. Vel. (m/min)
1	6"(Booster)	90	450	4.2	8.75DC 5.5"DP
2	6"	0	0		
3	6"	0	0		

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	295.6	87.1	101.1
	Potable Water	m3	292.0	5.5	0.0
	Drill Water	m3	1,130.7	19.5	0.0
	Fuel	m3	3,923.9	46.2	0.0
	Lube, Oil	Ltrs	73,600	1,100.0	0.0
	Heli Fuel	Ltrs	0.0	0.0	0.0
	Cement "GWC"	ton	160.0	0.0	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 19:25
	Shincho-maru	Chikyu	

Weather Information	Time	Weather	Temp. (degC)	Barometer	Wind	Wave	Current	Visibility					
	24:00	c	8.5	1021.1	7.1	10	9.5	1.3	20	4.8	0.1	304	22.0

Today's Schedule: Continue to run 55.5mmOD gauge cutter. Attempt to pass through 4,787mBRT.

Hook Wt. (knt) @24:00	4,794.0	mBRT
Hook Load	2,950	
BHA	105	
Below DC	-	
below Jar	0	
HPS & Traveling block	650	
Hook + RRT	-	
Hook block	-	

Jar Rotating time 24 S/N:1762-1636	Today	0.00	Total	58.73	hrs
Cutting skip @24:00	Empty	Full	Total		
	54	0	54		

Heli Information @24:00	Flt. No.	Time	Passenger
	1	9:14	8
	2	11:25	7
	3		
	4		

Marine Information @24:00	Heave (m)	0.2
	Pitch (deg)	0.1
	Roll (deg)	0.1
	Vessel Heading (deg)	345
	Riser Tension (kN)	10000.0
	V.D. Load (ton)	12860
	Max Draught (m)	9.0
	Thruster (kW)	1000

Reported by : T.Nishiyama / T.Yokoyama
Approved by : T.kawa