

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 : 25/Nov/2018
 Depth : @24:00 4,990.0 mBRT 3022.5 mbsf Progress : 0.0 m Drilling/Coring/Underreaming Hrs. : 0.00 hrs Last BOP PT: 11/15/18 Next BOP PT: 12/6/18
 Depth : @06:00 4,990.0 mBRT 3022.5 mbsf LAST CASING : 11-3/4" x 2,922.50 mbsf 4,890.0 mBRT Last BOP FT: 11/22/18 Next BOP FT: 11/29/18
 Summary of Operation on 24-Nov : Cont. bottoms up, Work pipe, Take survey, Ream down from 4,895 to 4,904mBRT. Spot 10m3 of fracseal. POOH to 1870mBRT. Last Glycol 35gal Inj. 11/20/18
 Present Operation @ 06:00 on 25-Nov : Cont. POOH 8-1/2" x 12-1/4" LWD BHA to 58mBRT mBRT: meter below rotary table
 mbsf: meter below sea floor

Time Breakdown (00:00 - 24:00 on 24-Nov)	From	To	Hrs	Code	Depth(mBRT)	Detail of Operation
0:00	0:15	0:15	C&C	4,990.0	Continue circulate and bottoms up @ 4,894mBRT. Parameter: 70rpm x 18.0-19.0kNm, 400gpm x 12.5MPa	
0:15	2:45	2:30	W&R	4,990.0	Work pipe from 4,894mBRT to 4,904mBRT, Boost Riser 450gpm x 3.8MPa (00:22) Stall HPS@ 4,901.5mBRT 50rpm x 22.7kNm (Pressure not increase, 350gpm x 12.4MPa) (00:30-00:50) Stall HPS@ 4,903.8mBRT 35rpm x 20.5kNm (Pressure not increase, 200, 350gpm x 1.2, 13.3MPa) x 3times (01:01) Stall HPS@ 4,901.2mBRT 30rpm x 22.6kNm (Pressure not increase, 400gpm x 12.2MPa) (01:11) Stall HPS@ 4,896.5mBRT 30rpm x 16.8kNm (Pressure increase, 400gpm x 11.8 to 13.0MPa, Once stop pump, pressure drop to 1.3MPa.) (01:27) Stall HPS@ 4,896.6mBRT 50rpm x 17.2kNm (Pressure not increase, 250gpm x 6.2MPa) (02:16) Stall HPS@ 4,896.4mBRT 50rpm x 20.2kNm (Pressure not increase, 300gpm x 8.1MPa)	
2:45	3:15	0:30	OTHER	4,990.0	Take survey Parameter: 550gpm x 20.5MPa, Boost Riser 450gpm x 3.8MPa Confirm hole inclination at 4,894.5mBRT (Tool depth 4,878.2mBRT) Observe Azimuth magnetic interference. Inclination 4.02deg, OK	
3:15	8:00	4:45	C&C	4,990.0	Circulate and bottoms up Pump 5m3 of 12ppb Fracseal, Boost Riser 450gpm x 3.8MPa Parameter: 20rpm x 13.0-14.0kNm, 500gpm x 12.5MPa Fracseal collecting while Fracseal sweep come out from shaker	
8:00	8:30	0:30	W&R	4,990.0	Ream down from 4,895mBRT to 4,904mBRT Parameter: 500gpm x 17.7MPa, 30rpm x 17-23kNm, Boost Riser 450gpm x 3.8MPa Stall HPS@ 4,904mBRT 30rpm x >23kNm (Pressure not increase), overpull 500kN x 3times then release. OK	
8:30	11:00	2:30	OTHER	4,990.0	Take survey (8:30-9:30)Parameter: 500gpm x 20.5MPa, Boost Riser 450gpm x 3.8MPa Confirm hole inclination at 4,899.4mBRT (Tool depth 4,882.98mBRT) Observe Azimuth magnetic interference. Inclination 4.39deg, OK Conduct SeismicVision function test and check shot w/100gpm x 3.1MPa, OK (9:00-11:00)Work pipe for resistivity image from 4899.5mBRT to 4,854.7mBRT (pass the window) Parameter: Control speed 0.9m/min, 60rpm x 15.0-17.0kNm, 500gpm x 18MPa, no observe any drag and overpull	
11:00	11:30	0:30	C&C	4,990.0	Pump and spot 10m3 of 12ppb Fracseal Parameter: 50rpm x 15.0-17.0kNm, 500gpm x 7.5MPa	
11:30	13:30	2:00	TRIP	4,990.0	POOH 8-1/2" x 12-1/4" LWD assembly to 4,501.0mBRT Pump 5m3 of slug mud. Pump booster line w/450gpm x 4.0MPa. Fracseal collecting while Fracseal sweep come out from shaker	
13:30	15:00	1:30	OTHER(N)	4,990.0	Fail to pull drill pipe slip (jumping jack) out from insert bowl due to stick. Apply hydraulic jack between the hydraulic elevator and rotary.	
15:00	24:00	9:00	TRIP	4,990.0	Continue POOH 8-1/2" x 12-1/4" LWD assembly to 1,870mBRT, on going. Jumping jack stick happened again and change jumping jack to manual slips. Fuel bunkering from Shincho-maru: 306.37kL. Pressure test for Choke / Kill manifold with 300psi x 5min & 5,000psi x 5min. ROV: Maintenance due to Umbilical failure (Dive ROV to check the umbilical cable condition and recover ROV on deck to repair).	

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

From	To	Hrs	Code	Depth(mBRT)	Detail of Operation
0:00	6:00	6:00	TRIP	4,990.0	Continue POOH 8-1/2" x 12-1/4" LWD assembly to 58mBRT Measure jar mandrel length: 20-1/4"(same as before RIH) Find damage Z reamer cutter blade top side 2/3blade (back reaming cutter). Investigation ongoing Well commander condition, confirm close position. OK Check Stabilizer OD: 10-1/4"(same as before RIH) Meanwhile: (3:00-4:00)Conduct BOP function test (Super shear and Blind shear w/Blue), OK (4:15-6:00) Dive ROV

Bit Record @24:00

Bit No.	Size (in)	MFR	Type	IADC Code	S/No.	Nozzles	Depth (mBRT)		Meter-age	Hrs.	WOB (knt)		rpm	Total Rev. (kern)	Dull Condition										
							From	To			Min.	Max.			Min.	Max.	Inner	Outer	Dull	Loc.	B	G	O.D.	RP	
4	8.5	Smith	axblade X614	M323	QF3233	3x12/32, 3x13/32	4,846.0	4,909.0	63.0	19.75	0	70	66.20												

BHA Record @24:00

Bit No.	Size (in)	MFR	Type	IADC Code	S/No.	Nozzles	Depth (mBRT)	Meter-age	Hrs.	WOB (knt)	rpm	Total Rev. (kern)	Inner	Outer	Dull	Loc.	B	G	O.D.	RP	
#11	8.5x12.25L	WD	w/RR	8-1/2" Bit x MicroScope675 x arcVision675 x TeleScope675 x SonicScope675 x seismicVision675 x XO x 6-3/4"DC (1) x Z-Reamer x Float sub w/non-ported float x 7" Well commander x XO x 8-1/2"DC(1) x 10-1/4"Stab x 8-1/2"DC(3stds) x 8"Jar x 8-1/2"DC(2) x XO x 5.68"HWDP (3stds) x XO																	

Mud Properties @24:00

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	6rpm	Get St (10"/10')	API	Cake	pH	FI	Cl-	Sand	Oil	Solid	MBC	Temp In	Temp Out	K+	n	K	LGS	FIT 2040 (mm) 5min / 30min	
KNPP	5:00	4,890	1.37	61	24	32	12	10	14	2.7	0.6	10.1	0.2	142,000	0.50	17.0	0.50	11	7	21,400	0.40	3.67	2.80	18	90
KNPP	15:00	PH	1.37	60	24	32	12	10	14	2.8	0.7	10.0	0.2	142,000	0.50	17.0	0.75	12	7	22,000	0.42	3.16	2.80	18	85

Mud Pump - 14-P-320 24:00 5.00 gal/stroke @97%

No.	Liner Size	SPM	GPM	Press. (MPa)	Ann. Vel. (m/min)	DC	DP
1	6"	50	250	12.5	53		
2	6"(Booster)	90	450				
3	6"	50	250				

Geologic Information @24:00

From	To	Lithology of cuttings

Shale Shaker @24:00 Centrifuge: hrs

No.	Liner Size	SPM	GPM	Press. (MPa)	Ann. Vel. (m/min)	DC	DP		
No.1	30	50	x 2ea	No.4	20	Dummy	x 2	No.1	0.25hrs
No.2	20	50	x 2ea	No.5	30	50	x 2ea	No.2	off
No.3	30	Dummy	x 2	No.6	20	50	x 2ea	No.3	off

Materials Stock on Board @24:00

Item	Unit	Stock	Used	Received
Fresh Water	m3	343.0	78.3	97.3
Potable Water	m3	323.0	5.0	0.0
Drill Water	m3	1,686.0	12.0	0.0
Fuel	m3	6,596.0	48.0	306.4
Lube, Oil	Ltrs	112,000	0.0	0.0
Hell Fuel	Ltrs	0.0	0.0	0.0
Cement "GWC"	ton	186.0	0.0	0.0
Cement "C"	ton	97.0	0.0	0.0

Boat Information @24:00

Boat Name	Status	Time @Chikyu
#8 Meiji-maru	SW 5mile	Departed
Akatsuki	Chikyu	ETD 3:00
Shincho-maru	Chikyu	Arrived

Weather Information

Time	Weather	Temp. (degC)		Barometer (hPa)	Wind Speed (m/s)	Dir. (deg)	Gust (m/s)	Wave Height (m)		Dir. (deg)	Period (s)	Current Speed(knt)		Dir. (deg)	Visibility (km)
		Air	SW					0	10			0.6	2.85		
24:00	bc	13.0	20.5	1025.7	3.6	216	4.6	0.9	10	5.5	0.6	2.85	22.0		

Today's Schedule: Cont. Lay out 8-1/2" x 12-1/4" LWD BHA, Check BHA condition. MU and RIH 8-1/2" x 12-1/4" Open hole assembly.

Reported by : T. Yokoyama / N. Sakurai
 Approved by : T. Ikawa