

Chikyu DAILY MORNING REPORT

Mission No. : CK12-06 Exp. No. : Exp 338

Report No. : 45

Site Name : C0002 Hole Name : C0002F Lat. 33° 18.0507'N Long. 136° 38.2029'E Report Date : 15/Nov/2012
 Depth : @24.00 3,973.00 mBRT 2005.50 mbsf Progress : 0.00 m Seabed Depth : 1,967.50 mBRT 642.5 RT-MSL : 28.5 m
 Depth : @06.00 3,973.00 mBRT 2005.50 mbsf Drilling/Coring/Setting Hrs. : 0.00 hrs LAST CASING : 20 x 860.30 mbsf(2,827.8 mBRT)
 Summary of Operation on 14-Nov : POOH 7'Diverter above BOP. Perform function test DVS and SSR. POOH, RIH 17'DOC assembly. Wait on cutting skips.
 Present Operation to 06.00 on 15-Nov : Wait on cutting skips. Drill out cement. Circulation and bottoms up. mBRT: meter below rotary table
 mbsf: meter below sea floor

From	To	Hrs	Code	Detail of Operation
0:00	0:45	0:45	BOPE(Trip)	Continue to POOH to 1919mBRT. 7'diverter above BOP.
0:00	2:30	2:30	BOPE	Perform function test DVS and SSR without isolating acoustic accumulator. DVS shear ram : function test without acoustic accumulator closed. Normal close: 20sec, flow count: 91.7L. Normal open: 21sec, flow count 75.7L. High pressure close: 23 sec, flow count 92.9L. Normal open: 23sec, flow count 82.9L. Super shear ram: function test without acoustic accumulator closed. Normal close: 45sec, flow count 262.5L. Normal open: 36sec, flow count 184.3L. High pressure close: 42 sec, flow count 278.7L. Normal open: 43sec, flow count 225L. Suppose acoustic accumulator disturb. Perform pressure test to blind shear ram under ST lock in, ram block and ST lock out with cement plug, 500psi x 10min "OK". Pump: 2.1tbl, bleed off: 1.8tbl.
2:30	7:00	4:30	Trip	Resume POOH to surface, cancel displacing with seawater.
7:00	18:15	11:15	Trip	Make up and RIH 17'DOC assembly to TOC. Fill up every 15 stands. Tag 50K @2801.8mBRT with 80spm x 3.8MPa.
18:15	24:00	5:45	WAIT	Wait on cutting skips. Could not load empty skip from supply boat due to wave height and over 20m/s of wind speed. 23:00 approach Shirincho-maru. Circulation and condition mud @2800mBRT, Pump: 100spm x 5.6MPa, HPS: 13rpm x 2.0kN-m. Take SCR. Meanwhile, injected 5gal glycol to LMRP and BOP. Lead bulls eye, Flex Joint: 1.0deg, LMRP: 0.75deg and BOP: 0.75deg.

	Wind (m/s)		Wave	
	Ave.	Max.	m	sec
12:00	16.0	16.5	2.3	7.6
14:00	12.1	13.7	2.1	7.0
16:00	13.1	16.0	2.4	6.9
18:00	16.6	19.5	2.4	6.4
20:00	18.3	22.3	2.1	6.9
22:00	13.8	15.6	2.0	6.8
24:00	11.2	15.4	1.7	6.6

Current survey around C0002 site by supply boat and watch boat.

	Time	Speed	Direction	Remarks
- Kaiyu -	(15:15-24:00)	max 3.7 knot.		At the site for loading.
- Shirincho -	(19:50-24:00)	max 4.1 knot.		At the site for loading.
- Hakuju -	(00:00-14:55)	max 4.3knot.		For helicopter operation.
- Chikyu -	(00:00-24:00)	max 4.4 knot.		Doppler data.

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

From	To	Hrs	Code	Detail of Operation
0:00	1:15	1:15	WAIT	Continue wait on cutting skips. Approach and start loading cutting skips from Shirincho-maru @1:10.
1:15	3:00	1:45	CMT	Drill out cement 2800-2858mBRT, 58m. WOB: 10-20kN, HPS: 60-90rpm x 5-17kNm, pump: 240-270spm x 22.2-28.2MPa. ROP: 0.2-2.41min/m. Confirm to bottom of cement @2858mBRT by decrease WOB and rotary torque indications. Ream down to 2857mBRT, wash down to 2905mBRT "OK". No observe kick off.
3:00	6:00	3:00	C&C	Circulation and bottoms up @2905m. Meanwhile, reciprocate and rotate HPS 10rpm, pump 270spm x 27.9MPa. Decrease to 575spm pump rate due to return and turning cement contamination mud on shaker screens, clean same. Add soda bath. No trip gas. 06:30 POOH.

Bit No.	Size (in)	MFR	Type	IADC Code	S/No.	Nozzles	Depth (m)	Meter-logs	Hrs.	WOB (kN)	rpm	Total Rev. (rev)	Inner	Outer	Dull	Condition
RR1b	17	TIX	S-ZC	124	69633-T	3 x 24.1 x 18	2800.0 - 2,858.00	58.0	0.47	10 - 200	60 - 90	12.0				

BHA Record

Plug Back	Conditions	Hook Wt. (kN) @
RR1b	17"Bit x F5Sub (w/Float) x 9-1/2"DC(1) x 17"Stab x 9-1/2"DC(1) x 17"Stab x 9-1/2"DC(6) x XO x 5.68"HWDP(12) x XO x 5"DP S-140 5std x XO x 5-1/2"DP S-150	2,800.0 mBRT

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	Get St. (10"/10')	WL	Cake	pH	Pf	Cl-	Sand	Oil	Solid	K+	LGS	MBC	Temp (In/Out)	n	K	
KNPP	05:00	PT	1.10	84	30	36	8	9	3.7	0.5	10.7	0.2	50,400	Tr	0	6.0	25,800	2.0	1.25	17	0.54	2.27
KNPP	14:00	PT	1.10	78	31	34	6	9	3.7	0.5	10.4	0.2	50,400	Tr	0	6.0	25,800	2.0	1.25	18	0.56	1.95
KNPP	20:00	2,800	1.10	81	32	36	7	9	3.7	0.5	10.3	0.2	50,400	Tr	0	6.0	25,800	2.0	1.25	15	0.56	2.12

Mud Pumps : 14-P-220 @ 2800.0 mBRT 4.98 gallon/stroke @97%

No.	Liner Size	SPM	GPM	Press. (MPa)	Ann. Vel. (m/min)
1	6"	100	498	5.6	DC DP
2	6"				12 10
3	6"				

Geologic Information

From	To	Lithology of cuttings

Shale Shaker

No.1	#20 x 3/8"Z30 x 4	No.4	#20 x 3/8"Z30 x 4	No.1	0.00
No.2	#20 x 3/8"Z30 x 4	No.5	#20 x 3/8"Z30 x 4	No.2	0.00
No.3	#20 x 3/8"Z30 x 4	No.6	#20 x 3/8"Z30 x 4	No.3	0.00

Materials Stock on Board @24:00

Item	Unit	Received	Used	Stock
Fresh Water	m3	192.5	99.3	244.0
Potable Water	m3	1.0	10.9	156.4
Drill Water	m3	0.0	18.3	1,955.0
Fuel	m3	0.0	66.6	4,850.0
Lube, Oil	Ltrs	0.0	700.0	99,100.0
Hel Fuel	Ltrs	0.0	0.0	800.0
Cement "G"	ton	0.0	29.0	327.0

Boat Information @24:00

Boat Name	Status	Time @Chikyu
Kaiyu	Chikyu	Departed 15:15, Arrived 15:15
Shirincho-maru	Chikyu	Departed 19:50, Arrived 19:50
Hakuyou-maru	to Katsura	14:55

Weather Information

Time	Weather	Temp. (degC)		Barometer (hPa)	Wind		Wave		Current		Visibility (km)		
		Air	SW		Dir. (deg)	Gust (m/s)	Dir. (deg)	Period (s)	Speed(knt)	Dir. (deg)			
24:00	bc	13.0	22.8	1014.8	11.2	310.0	15.4	1.7	260	6.6	3.6	95	22.0

Today's Schedule : Drill out cement. POOH. Wiper trip with 16-1/2" x 20"Andrearemer.

Reported by : S. Kataoka / T. Otani
 Approved by : T. Saruhashi