

Chikyu DAILY MORNING REPORT

Mission No. : CK12-06

Exp. No. : Exp 338

Report No. : 48

Site Name : C0002 Hole Name : C0002F Lat. 33° 18.0507'N Long. 136° 38.2029'E Report Date : 18/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/Logging Hrs. : 0.00 hrs LAST CASING : 20 x 860.30 mbsf(2,827.8 mBRT)

Summary of Operation on 17-Nov : Back ream and ream down. Circulation and bottoms up. Spot hi-vis mud. FOOH. EDS-3. Resume POOH.
 Present Operation to 06:00 on 18-Nov : POOH. Ream preparation for recover riser.

mBRT: meter below rotary table
 mbsf: meter below sea floor

From	To	Hrs	Code	Detail of Operation
0:00	1:00	1:00	W&R	Back ream from 3955 to 3926mBRT (Bit depth). Pump: 240spm x 34MPa, HPS: 120rpm x 4-35kNm.
1:30	1:30	0:30	W&R	Pump out from 3926 to 3864mBRT (Bit depth). Meanwhile, change out pop off valve of #2 mud pump. 195spm x 23.5MPa, HPS: 80rpm x 3-35kNm.
2:30	2:30	1:00	W&R	Ream down from 3864 to 3955mBRT (Bit depth). Remaining due to passing while repair pump. Pump: 240spm x 34MPa, HPS: 120rpm x 5-25kNm.
2:30	4:45	2:15	CSG(C&C)	Circulation and conditioning mud. Meanwhile, pump: 240spm x 34MPa, HPS: 120rpm x 5-10kNm.
4:45	5:45	1:00	RR	Repair pump, change out #3 piston and liner of #2 mud pump. Meanwhile, pump: 200spm x 23.3MPa. Continue come out for large amount caving and remaining cuttings on shakers.
5:45	6:00	0:15	CSG(Other)	Flow check "OK".
6:00	6:45	0:45	CSG(C&C)	Stop circulation bottoms up and conditioning mud due to preparation for rough weather @17th Nov afternoon by weather news information.
6:45	14:30	7:45	CSG(Trip)	Spot 30m3 1.12sg x 250'hi-vis mud. POOH to 1576mBRT. No observe over pull 16.5' Anderreamer in 20' hole and 20' CSG shoe. Flush kill line and close DVS. Initiated yellow alert for standby condition Start circulation with gas bleed and booster line @1675mBRT.
14:30	17:30	3:00	WAIT	Wait on Weather @1676mBRT Unable to POOH due to high wind
17:30	21:15	3:45	DPS	Emergency disconnected. Change preference trip mode. Could not control vessel due to bad weather. Vessel was forced off by high current and direction change of strong wind. Try to manage vessel heading. Disconnected LMRP with EDS-3 when drifted 55m East from well. Vessel drifted 0.7miles East with 4.5knot current, after EDS in Auto Heading mode. Manage vessel heading to direction along current for adjust riser inclination.
21:15	24:00	2:45	Trip	Resume POOH 12-1/4" x 20' reaming BHA to 217.6mBRT. Meanwhile, move vessel to NNE(350deg) with 0.3knot. Stopped due to parted tow rope for ROV.

Time	Wind			Wave		
	Speed (m/s)	Dir. (deg)	Gust (m/s)	Height (m)	Dir. (deg)	Period (s)
06:00	12.5	186	15.2	1.2	200	5.4
10:00	17.6	205	18.1	1.6	190	6.2
11:00	16.8	195	16.1	1.7	190	6.7
12:00	19.4	184	23.3	1.7	190	6.7
13:00	22.1	178	26.1	2.5	180	6.6
14:00	23.2	188	26.5	2.9	195	7.0
15:00	24.6	194	27.7	3.8	200	8.2
16:00	27.2	192	31.8	3.3	190	8.4
17:00	27.8	190	31.2	3.3	190	8.7
18:00	11.2	335	13.7	4.4	190	9.4
19:00	9.3	315	11.6	4.9	190	9.6
20:00	11.1	315	14.1	4.4	220	9.4
21:00	9.8	310	12.1	4.3	220	9.5

*10:00 DP status to advisory due to exceed 18m/s wind
 *12:15 Change DP status to yellow
 *17:30 Change DP status to red
 *18:30 Change DP status to advisory.

TD	(mBRT)
20' hole	3949.67
16-1/2" hole	3953.20
12-1/4" hole	3973.00

Time Breakdown (00:00 - 06:00 on 18-Nov) : *The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Detail of Operation
0:00	4:15	4:15	Trip	Continue POOH to surface. Lay out LI-mechanical Jar, bit, CST with Anderreamer.
4:15	6:00	1:45	BOPE(Other)	Preparation for recover riser. Park HPS on going.

Bit No.	Size (in)	MFR	Type	IADC Code	S/No.	Nozzles	Depth (mBRT)		Meter-logs	Hrs.	WOB (kN)			rpm	Total Rev. (rev)	Dull Condition									
							From	To			Min.	Max.	Min.			Max.	Inner	Outer	Dull	B	G	O.D.	RP		
RR2a	12.25	NOV	DSH616D-12	M423	A162762	5 x 12.4 x 13	(2833.5)	(3955)	(1121.5)	1.00	2	166	60	140	107.0	1	2	871	C75	S	X	/	P10	BU	CSG
	16.5	NOV	CST		F1MAR	3 x 10, 2 x 12	3934.50	3,963.20	18.7							2	2	WT	A	X	X	/	G12	BU	CSG
	20	NOV	Anderreamer		1650-0012	1 x 8	3931.00	3,949.67	16.7							2	2	WT	A	X	X	/	G11	BU	CSG

BHA Record : RR2a | 12-1/4" Bit x XO x CST x AR x F/S x 9-1/2"DC(2) x 17" Stab x 9-1/2"DC(1) x XO x 8-1/2"DC(3) x Jar x 8-1/2"DC(3) x XO x 5.68"HWDP 12stds x XO 5"DP S-140 46 stds x 5-1/2"DP S-150.

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	Gel St. (10', 10')	WL	Cake	pH	Pf	Cl-	Sand	Oil	Solid	K+	LGS	MBC	Temp (In/Out)	n	K		
KNPP	01:00	3,955	1.12	78	33	30	4	10	4.6	0.5	12.5	0.5	53,200	0.2	0	5.0	31,300	1.2	1.00	17	15	0.61	1.43
KNPP	06:00	PI	1.12	81	33	33	5	10	4.6	0.5	12.5	0.4	54,000	0.2	0	5.0	31,300	1.1	1.00	19	15	0.58	1.72
KNPP	04:00	Hi-vis	1.12	266	49	86	17	23		10.0									19		0.45	8.33	

Mud Pumps	14-P-220	@ 3949.7 mBRT	4.98	gallon/stroke @07%			
No.	Liner Size	SPM	GPM	Press. (MPa)	Ann. Vel. (m/min)	DC	DP
1	6"	200	996	23.8			
2	6"						
3	6"						

Personnel @24:00	Count
CDEX	7
MOJ Crew	94
MOJ (Other)	2
MOJ (Add subsea E)	3
MWJ	15
NME	0
Scientist, IODP	16
Teliste	2
Oceanentering	6
NOV	1
Mi Swaco	4
AXON	0
SES	0
Velocogry	2
Geoservices	2
Schlumberger-CMT	2
Schlumberger-DIG	0
Schlumberger-LWS	0
Frank's	4
Blohm Voss	1
NOV-Anderreamer	1
Shinsei kogyou	0
TV Crew	0
Total	162

Mud Materials on Board @24:00hrs	Received	Used	Stock
Barite (Bulk)	0	0	476,000
Kunigel-VO (Bulk)	0	0	65,000
NaOH	0	0	1,175
Lime	0	0	440
NaCl	0	0	35,000
KCl	0	3,000	22,000
Tel Polymer DX / L / H	0/0/0	0/0/0	6860/5080/2580
XCD-Polymer	0	50	1,450
Soda Ash	0	50	1,600
KOH	0	0	1,100
Bi-Carbonate	0	0	250
Clean Lube	0	0	8,000
Tel DD	0	0	3,400
Lignite NC	0	0	4,800
Astex S	0	0	0
Treat HS	0	0	2,280
Determer 30C / 15	0	0	224/160
Teliste GXL	0	0	395
Tel Clean	0	0	432
Baracor-100 (gal)	0	0	110
Tel Stop G / P	0/0	0/0	2160/1000
Tel Mica C / M / F	0/0/0	0/0/0	1500/480/1000
Tel Plug C / M / F	0/0/0	0/0/0	1500/3000/500
Tan Cal C / M / F / FF	0/0/0/0	0/0/0	2700/2010/1200/2100
EZ Spot	0	0	550
Speeder P / X	0	0	1,700/1,700
Reater	0	0	0
Teliste OS-5	0	0	120
Teliste HEC	0	0	100

Materials Stock on Board @24:00	Item	Unit	Received	Used	Stock
Fresh Water	m3	131.0	89.9	288.2	
Potable Water	m3	28.9	35.1	312.0	
Drill Water	m3	0.0	23.3	1,906.4	
Fuel	m3	0.0	87.9	4,612.4	
Lube Oil	Ltrs	0.0	0.0	97,100.0	
Heil Fuel	Ltrs	0.0	0.0	800.0	
Cement "G"	ton	0.0	0.0	327.0	

Boat Information @24:00	Boat Name	Status	Time @Chikyu
	Kaiyu	to Shingu	13:30
	Shincho-maru	Chikyu	
	Hakuryu-maru	to Katsura	07:10

Mud Volume (m3)	Item	Count
Kil Mud (1.30sg)		44
Hi-vis Mud (1.12sg)		293
KPP Mud (1.07sg)		293
Slug Mud (1.30sg)		10

Weather Information	Time	Weather	Temp. (degC)	Barometer (hPa)	Wind Speed (m/s)	Dir. (deg)	Gust (m/s)	Height (m)	Wave Dir. (deg)	Period (s)	Current Speed(knt)	Dir. (deg)	Visibility (km)	
	24:00	o	17.0	22.2	1008.2	14.4	305.0	15.6	3.3	220	10.0	4.0	90	22.0

Today's Schedule : Preparation for recover riser. Investigation for leak point of the hot line and conduit line. Investigation for the riser tensioner.

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

Hook Wt. (kN) @	218.4	mBRT
BHA	1,000	
below HWDP	940	
below Jar	880	
Hook Load	1048	
Traveling block & HPS	750	

Fit	Time	Passenger
No.	Arrived	Departed
1		
2		
3		

Safety (HSE) and other information	Incident	Last Incident	No. LTA
HUNIS cards	14		
Remarks			

Marine Information @24:00	Heave (m)	Pitch (deg)	Roll (deg)	Vessel Heading (deg)	Riser Tension (kN)	V/D Load (Moore)	Max Draught (m)	Thruster (kW)
	2.0	1.0	0.5	286	8400	12413.2	9.0	6300