Chikyu DAILY MORNING REPORT | **Mission No. :** CK12-06 | **Exp. No. :** Exp 338 | **Report No. :** 54

Site Name : C0002 | **Hole Name :** C0002F | **Lat.** 33° 18.0507'N | **Long.** 136° 38.2029'E | **Report Date :** 24/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/Jetting Hrs. : 0.00 hrs | LAST CASING : 20 x 860.30 mbsf(2,827.8 mBRT)

Summary of Operation on 23-Nov : Continue couple tensioner ring. Drift to the site. Land LMRP to BOP. Install diverter with UFJ.

Present Operation to 06:00 on 24-Nov : Continue install diverter with UFJ. Rig donw riser running equipments. Displace mud in Riser.

mBRT: meter below rotary table

mbsf: meter below sea floor

Time Breakdown (00:00 - 24:00 on 23-Nov)

From	To	Hrs	Code	Detail of Operation
0:00	3:30	3:30	BOPE(Other)	Continue couple tensioner.
				Install saddle on side of the tensioner ring for MUX and SVDL cable.
				Slack off riser to tensioner ring, hook load 7700 to 2500kN.
				Tensioner Load: 5050kN, Hook Load: 2500kN.
				Meanwhile, load 2 empty boxes of riser fairing. Suspend loading for move vessel.
3:30	3:45	0:15	MOVE	Drift vessel to 50m west side from well center with 1.0knot.
				(3:40) Stop vessel due to slip out arm of ROV from tow rope on LMRP.
				Drop off gasket tool.
3:45	5:30	1:45	Other(N)	Recover ROV to surface.
5:30	14:45	9:15	MOVE	Drift vessel toward 50m west side from well center with 1.0knot.
14:45	17:00	2:15	BOPE(Other)	Stop drifting @ 50m West from the Well center. Change to DP Mode.
				Launch ROV (2.6 knot sea current @ C0002 site). ROV survey BOP and install new gasket rings (mini, choke and kill).
17:15	17:30	0:15	BOPE	Conduct dummy landing as per instructions.
17:30	18:15	0:45	BOPE(Other)	Shift vessel to well center. Adjust LMRP alignment by Riser running tool.
18:15	20:30	2:15	BOPE	Land LMRP on Lower BOP stack. Lock LMRP connector and mini x 2 connector. Extend Pod hydraulic stab.
				Adjust tension of tensioner (to 8300kN). Bleed off CMC and unlock gator lock of slip joint.
				Find leakage on yellow pod (from SPM) / Isolate yellow pod. / Blue pod is available.
				Find leakage on hot line (subsea). Isolate same.
20:30	21:00	0:30	BOPE	Lay down landing joint.
21:00	24:00	3:00	BOPE	Pick up and install diverter with UFJ. Meanwhile, inject 70 gal glycol to BOP with ROV.

	Stroke(m)	Pressure (MPa)
T1	7.3	5.2
T2	7.4	5.2
T3	7.4	5.1
T4	7.5	5.1
T5	7.5	5.3
T6	7.5	5.3

(@ 3:00)

Time Breakdown (00:00 - 06:00 on 24-Nov) * The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Detail of Operation
0:00	0:45	0:45	BOPE(Other)	Continue install diverter with UFJ.
				Lay down diverter running tool.
0:45	1:15	0:30	C&C(Other)	Open gas bleed and boost line.
1:15	6:00	4:45	BOPE(Other)	Rig down riser running equipments.
				Lay down riser running tool. Rig down riser spider and gimble. Remove riser guide from #1 hydra-racker.
				Meanwhile,
				Displace mud in Riser with gas bleed and boost line.
				Leak returned mud from lower packer of slip joint. Increase pressure of lower packer (3.8MPa).
				Return mud from flow line @2000cts. Circulate with active #4 & 5 tank, 180spm x 6.0MPa.
				Return seawater @16000cts. Change flow line and dump returned fluid to active #1 & 2 tank.
				Return mud @22537cts. Change line and circulate with active #4 & 5 tank. No gas.
				Continue circulate 60spm x 1.7MPa.

Circulation Record

Stks	MW	Vis	Stks	MW	Vis
2500	1.12	60	11000	1.12	74
3000	1.12	63	12000	1.12	68
4000	1.12	64	13000	1.12+	67
5000	1.12	67	14000	1.11+	67
6000	1.12	73	15000	1.11	66
7000	1.11+	73	16000	1.11+	59
8000	1.11+	73	17000	1.10+	57
9000	1.11+	75	18000	1.11	52
10000	1.12	73	19000	1.1	45
			20000	1.07	-
			21000	1.07	-
			22000	1.07	-

Bit Record

Bit No.	Size (in)	MFR	Type	IADC Code	S/No.	Nozzles	Depth (mBRT) From	Depth (mBRT) To	Meter-age	Hrs.	WOB (kN) Min.	WOB (kN) Max.	rpm Min.	rpm Max.	Total Rev. (krev)	Dull Condition Inner	Outer	Dull	Loc.	B	G	O.D.	RP

BHA Record

Hook Wt. (kN) @ mBRT

Hook Load (Riser & LMRP)	7,700
w/ Diverter R/T	500
Hook block	450

Mud Properties

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	Temp Out	n	K
KNPP	02:00	Pit	1.12	78	32	22	4	7	4.6	0.5	12.3	0.4	54,700	0.2	0	6.0	31,300	2.1	1.25	20		0.67	0.82
KNPP	16:00	Pit	1.12	79	32	23	4	7	4.6	0.5	12.1	0.4	55,300	0.2	0	6.0	31,900	2.1	1.25	19		0.66	0.89

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

No.	Liner Size	SPM	GPM	Press. (MPa)	Ann. Vel. (m/min) DC	Ann. Vel. (m/min) DP
1	6"		0		0	0
2	6"					
3	6"					

Personnel @24:00

CDEX	8
MQJ Crew	97
MQJ (Other)	1
MQJ (Add subsea E)	3
MWJ	15
NME	0
Scientist, IODP	18
Telnite	2
Oceaneering	6
NOV	0
MI Swaco	2
AXON	0
SES	0
Vetcogray	1
Geoservices	4
Schlumberger-CMT	2
Schlumberger-DD	0
Schlumberger-LWD	0
Frank's	0
Blohm Voss	0
NOV-Anderreamer	0
Shinsei kougyo	2
TV Crew	0
Total	161

Mud Materials on Board @24:00hrs (unit: kg)

Item	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	31,000
KCl	0	0	26,000
Tel-Polymer DX / L / H	0/0/0	0/0/0	5420/4120/2340
XCD-Polymer	0	0	1,150
Soda Ash	0	0	1,350
KOH	0	0	850
Bi-Carbonate	0	0	1,100
Clean Lube	0	0	6,000
Tel DD	0	0	3,400
Lignate NC	0	0	4,800
Astex S	0	0	0
Treat HS	0	0	2,280
Defoamer 30C / 15	0	0	224/160
Telnite GXL	0	0	396
Tel Clean	0	0	1,232
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
Rester	0	0	0
Telnite OS-5	0	0	120
Telnite HEC	0	0	100

Cutting skip @24:00

Load (E)		Empty	5
Kaiyu	0	Full	0
Shincho-maru	0	Back up	1
Offload (F)		S.Boat (E / F)	0/0
Kaiyu	0	@ Shingu	39
Shincho-maru	0	total	45

Geologic Information

From	To	Lithology of cuttings

Shale Shaker

No.1	#20 x 3/#110 x 4	No.4	#20 x 3/#110 x 4	No.1	0.00
No.2	#20 x 3/#230 x 4	No.5	#20 x 3/#230 x 4	No.2	0.00
No.3	#20 x 3/#110 x 4	No.6	#20 x 3/#110 x 4	No.3	0.00

Centrifuge: hrs

Materials Stock on Board @24:00

Item	Unit	Received	Used	Stock
Fresh Water	m3	94.9	94.0	318.3
Potable Water	m3	0.0	11.2	341.8
Drill Water	m3	0.0	0.0	1,888.0
Fuel	m3	0.0	51.6	4,310.8
Lube, Oil	Ltrs	0.0	1,000.0	93,800.0
Heli 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 Departed	Time @Chikyu Arrived
Kaiyu	Chikyu		
Shinchou-maru	Chikyu	00:05	15:30
Hakuryu-maru	Chikyu		

Mud Volume (m3)	
Kill Mud (1.30sg)	44
KNPP Mud (1.12sg)	252
KPP Mud (1.07sg)	177
Slug Mud (1.30sg)	10

Heli Information

Flt. No.	Time Arrived	Time Departed	Passenger Are.	Passenger Dept.
1	09:27	09:34	8	3
2	11:35	11:42	3	5
3				

Safety (HSE) and other information

Incident	Last Incident	No. LTA
LTA		
HUNS cards	7	
Remarks		

Marine Information @24:00

Heave (m)	0.6
Pitch (deg)	0.3
Roll (deg)	0.2
Vessel Heading (deg)	273
Riser Tension (kN)	8400
V.D. Load (Moon)	12565.0
Max Draught (m)	9.0
Thruster (kW)	3800

Weather Information

Time	Weather	Temp. (degC) Air	Temp. (degC) SW	Barometer (hPa)	Wind Speed (m/s)	Wind Dir. (deg)	Wind Gust (m/s)	Wave Height (m)	Wave Dir. (deg)	Wave Period (s)	Current Speed(knt)	Current Dir. (deg)	Visibility (km)
24:00	o	16.5	21.3	1009.6	9.9	350.0	11.5	1.7	10	7.7	3.9	97	22.0

Today's Schedule : Continue rig down riser running equipments. Make up and RIH diverter. #1 P/B CMTG.

Reported by : D. Ikenomoto / T. Yokoyama / S . Kataoka

Approved by : T. Saruhashi