Chikyu DAILY MORNING REPORT

Mission No. : CK13-04 **Exp. No. :** Exp 348 **Report No. :** 27

Site Name : C0002 **Hole Name :** C0002F **Lat.** 33° 18.0507'N **Long.** 136° 38.2029'E **Report Date :** 10/Oct/2013

Depth : @24:00 ____ mBRT ____ mbsf Progress : ____ m Seabed Depth : 1,939.00 mBRT RT-MSL : 28.5 m

Depth : @06:00 ____ mBRT ____ mbsf Drilling/Coring/Jetting Hrs. : 0.00 hrs LAST CASING : 20" x 860.30 mbsf(2,799.3 mBRT)

Summary of Operation on 9-Oct : Continue running BOP, install SVDL, pressure test as per tally. P/U slip joint, install goose neck and hoses, tie up MUX, VIV cables.

Present Operation @ 06:00 on 10-Oct : Installing saddles on FWD side of slip joint.

mBRT: meter below rotary table

Time Breakdown (00:00 - 24:00 on 9-Oct mbsf: meter below sea floor

From	To	Hrs	Code	Detail of Operation
0:00	0:45	0:45	BOPE	Continue running BOP on riser (25ft pup joint).
0:45	3:00	2:15	BOPE	Pick up and run termination joint. Attach riser fairing on #11 green at moonpool.
				Connect VIV monitoring cable (Seg2, Drum A) and SVDL #1 at Rig floor.
				Communication check,
				#2, 3, 5, 6 and 7 both primary and secondary lines - OK.
				#1 SVDL: primary line failed, secondary line -OK.
				#4 SVDL: no response, suspect board failure.
3:00	4:00	1:00	BOPE	Pick up and run intermediate flex joint.
4:00	5:00	1:00	BOPE	Pick up and run bumper joint.
5:00	6:30	1:30	BOPE	Pick up and run 10ft pup joint.
6:30	21:30	15:00	BOPE	Pick up Slip Joint.
				Install goosenecks on termination Joint.
				Remove faring platform and connect moonpool hoses. Secure hoses on goosenecks with wire.
				Flush choke and kill lines with 2 times of line volume, pressure test, 300psi x 5min (pump: 1.0bbl), 6000psi x 10 min (pump: 5.2bbl) - OK (back 5.2bbl, no injection).
				Pressure test booster line: 5000psi x 10min - OK (pump: 2.4bbl, no injection).
				Line up conduit line and pump BOP fluid with 5000 psi.
				Meanwhile,
				Function test Emergency Towing System to Shincho-maru from FWD deck -function & performance ok.
				Dive ROV to 1891m. Check bull's eyes; LFJ: 05deg/70deg heading, LMRP: 0deg, BOP: 0deg. Check gasket ring on BOP connector -OK.
				Completed Geoservices rig up except HKLD sensor on dead line.
21:30	24:00	2:30	BOPE	Secure MUX and VIV monitoring cable with smart band on intermediate Flex and Bumper joint.
				Note:
				Load 30ea empty cutting skips and Halliburton downhole tools from Shincho-maru.
				Load starter for cement unit HPU.

Time Breakdown (00:00 - 06:00 on 10-Oct) * The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Detail of Operation
0:00	1:15	1:15	BOPE	Continue securing MUX and VIV monitoring cable with smart band on intermediate Flex and Bumper joint.
1:15	3:15	2:00	BOPE	Secure MUX and VIV monitoring cables with smart band on slip joint.
3:15	6:00	2:45	BOPE	Pick up & make up landing joint, lower down to tie up MUX and VIV monitoring lines with smart band at moon pool, install special saddles on FWD side of slip joint.
				Note:
				Vessel: 1.6 mile NW of C0002F. Drifting at 0.2 knot, ETA: 14:10.

Bit Record

Bit No.	Size (in)	MFR	Type	IADC Code	S/No.	Nozzles	Depth (mart) From	Depth (mart) 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) @ 1,932.3 mBRT

Hook Load (slip joint)	10,100
Traveling block & Riser R/T	480

Mud Properties

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	Gel St. (10", 10')	WL	Cake	pH	Pf	Cl-	Sand	Oil	Solid	MBC	Temp In	Temp Out	K+	n	K	LGS

Cutting skip @24:00

Empty	Full	Total
30	0	30

Mud Pumps : 14-P-220 @ 5.00 gallon/stroke @97%

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

Personnel @24:00

CDEX	9
MQJ Crew	100
MQJ (SC,Other)	1
MQJ (Sub sea & Hyd)	3
MWJ	15
Oceaneering	6
Schlumberger-CMT	1
SLB WL	0
Shinsei kougyo	5
SES	1
Geoservice	4
Total	145

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

Item	Received	Used	Stock
Barite (Bulk)	0	0	237,860
Kunigel-VO (Bulk)	0	0	12,000
NaOH	0	0	800
Lime	0	0	1,240
NaCl	0	0	48,000
KCl	0	0	36,000
Tel-Polymer DX / L / H	0/0/0	0/0/0	6760 / 4380 / 2060
XCD-Polymer	0	0	2,625
Soda Ash	0	0	1,975
KOH	0	0	2,500
Bi-Carbonate	0	0	1,000
Clean Lube	0	0	24,800
Tel DD	0	0	3,200
Lignate NC	0	0	2,000
Astex S	0	0	0
Treat HS	0	0	0
Defoamer 30C	0	0	208
Telnite GXL	0	0	54
Tel Clean	0	0	4,800
Baracor-100 (gal)	0	0	0
Tel Stop G / P	0 / 0	0	500 / 1000
Tel Mica C / M / F	0 / 0 / 0	0	500 /500 / 1000
Tel Plug C / M / F	0 / 0/ 0	0	500 /500 / 1000
Tan Cal M / F	0 / 0	0	1920 / 1920
EZ Spot	0	0	550
Speeder P / X	0 / 0	0	1700 / 1700
Rester	0	0	0
Telnite OS-5	0	0	0
Telnite HEC	0	0	0

ROV

Status	Diving
Last Dive	
Injection Skid	135 /135 gal

Geologic Information

From	To	Lithology of cuttings

Heli Information

Flt. No.	Time Arrived	Time Departed	Passenger Are.	Passenger Dept.
1	9:19	9:28	9	9
2	11:29	11:37	9	9
3	13:38	13:44	4	3

Shale Shaker Centrifuge: hrs

No.1	#20, #110 x 2	No.4	#20, #84 x 2	No.1	
No.2	#20, #110 x 2	No.5	#20, #84 x 2	No.2	
No.3	#20, #110 x 2	No.6	#20, #84 x 2	No.3	

Safety (HSE) and other information

Incident	Last Incident 13/Feb/2013	No. LTA
LTA		
HUNS cards	17	

Remarks

Tested emergency towing system.

Materials Stock on Board @24:00

Item	Unit	Received	Used	Stock
Fresh Water	m3	84.8	78.3	287.9
Potable Water	m3	0.0	24.3	178.0
Drill Water	m3	0.0	8.7	2,047.4
Fuel	m3	0.0	46.5	6,976.2
Lube, Oil	Ltrs	0.0	0.0	107,600.0
Heli Fuel	Ltrs	0.0	0.0	0.0
Cement "GWC"	ton	0.0	0.0	82.0
Cement "G"	ton	0.0	0.0	161.0

Marine Information @24:00

Heave (m)	0.9
Pitch (deg)	0.5
Roll (deg)	0.2
Vessel Heading (deg)	215
Riser Tension (kN)	-
V.D. Load (Moon)	15613.8
Max Draught (m)	9.0
Thruster (kW)	1570

Boat Information @24:00

Boat Name	Status	Time @Chikyu Departed	Time @Chikyu Arrived
Kaiyu	SW 5mile from Chikyu	-	-
Shinchou-maru	to Shingu	20:50	-
Hakuryu-maru	Current survey at C0002F	-	-

Mud Volume (m3)

KNPP mud (1.12)	768
KNPP mud (1.08)	124
Prehy Gel (1.05)	12

Well Cost (1,000 Yen)

Daily	
Cumulative	

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	bc	25.5	25.7	1016.0	8.1	225.0	9.5	1.8	230	7.6	0.3	21	22.0

Today's Schedule : Continue running BOP on riser while drifting at 0.2 knot. Couple tensioner ring, dummy run, land BOP.

Reported by : S. Kataoka / T. Yokoyama / S. Yamada

Approved by : T.Saruhashi / Y. Uemura