Chikyu DAILY MORNING REPORT

Mission No. : CK13-04 **Exp. No. :** Exp 348 **Report No. :** 137

Site Name : C0002 **Hole Name :** C0002P **Lat.** 33° 18.0507'N **Long.** 136° 38.2029'E **Report Date :** 28/Jan/2014

Depth : @24:00 **4932** mBRT **2964.5** mbsf (14.5") Progress : m Seabed Depth : **1,967.5** mBRT RT-MSL : **28.5** m

Depth : @06:00 **4932** mBRT **2964.5** mbsf (14.5") Drilling/Coring/Underreaming Hrs. : **0.00** hrs LAST CASING : **11-3/4" liner** x **2,922.50** mbsf(4,890.0 mBRT)

Summary of Operation on **27-Jan** : Service rig equipment.

Present Operation @ 06:00 on **28-Jan** : Laying down 5" DP.

mBRT: meter below rotary table

Time Breakdown (00:00 - 24:00 on **27-Jan**) mbsf: meter below sea floor

From	To	Hrs	Code	Detail of Operation
0:00	24:00	24:00	RS	Service rig equipment.
				(0:00-6:00) Continue clean up sand trap.
				(6:00-6:30) Flush over board lines with FOSV x SES x 5-1/2"DP S-150 1stand.
				(6:30-11:00) Drilling line cut & slip, T*M: 10082.7.
				(11:00-14:00) Service traveling block and HPS.
				(14:00-23:30) Lay down 5-1/2"DP S-150, 100jts.
				(23:00-24:00) Lay down 5"DP S-140, 4jts.
				Recover cursor rail
				Test riser tensioner. Slight increment on fluid level.
				Tensioner rod side pressure change: Fluid level change (fluid end):
				#1:-0.05Mpa #1:+2.46L
				#2:-0.05Mpa #2:+2.46L
				#3:-0.05Mpa #3:+2.46L
				#4:-0.05Mpa #4:+6.15L
				#5:-0.15Mpa #5:+3.7L
				#6:-0.12Mpa #6:+1.2L

Derrick		
5"DP S-140	372	jts
5-1/2"DP S-140	84	jts
5-1/2"DP S-150	100	jts
6-5/8"DP Z-140	111	jts
5-7/8"DP NK-155	76	jts
6-5/8"DP UD-165	132	jts
5.68"HWDP	12	jts
7"DC (coring)	9	jts
8-1/2"DC (drilling)	18	jts
8-1/2"DC (coring)	9	jts

Drill String at Derrick (0:00).

	Derrick		Laid down	
5"DP S-140	368	jts	4	jts
5-1/2"DP S-140	84	jts	0	jts
5-1/2"DP S-150	0	jts	100	jts
6-5/8"DP Z-140	111	jts	0	jts
5-7/8"DP NK-155	76	jts	0	jts
6-5/8"DP UD-165	132	jts	0	jts
5.68"HWDP	12	jts	0	jts
7"DC (coring)	9	jts	0	jts
8-1/2"DC (drilling)	18	jts	0	jts
8-1/2"DC (coring)	9	jts	0	jts

Drill String at Derrick (24:00).

Note:

Shincho-maru received mud (160m3), VIV equipment, wear bushing and other VG tools, Nustar WBRRT, Bit nozzle, Packers, etc.

Offload 2ea full skips to Shincho-maru.

Sea current: Chikyu 0.3-0.6 knot.

Time Breakdown (00:00 - 06:00 on **28-Jan**) * The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Detail of Operation
0:00	6:00	6:00	RS	Service rig equipment.
				Lay down 5"DP S-140, 144jts, total 148jts.
				Continue testing riser tensioner.

	Derrick		Laid down	
5"DP S-140	224	jts	148	jts
5-1/2"DP S-140	84	jts	0	jts
5-1/2"DP S-150	0	jts	100	jts
6-5/8"DP Z-140	111	jts	0	jts
5-7/8"DP NK-155	76	jts	0	jts
6-5/8"DP UD-165	132	jts	0	jts
5.68"HWDP	12	jts	0	jts
7"DC (coring)	9	jts	0	jts
8-1/2"DC (drilling)	18	jts	0	jts
8-1/2"DC (coring)	9	jts	0	jts

Note:

Kaiko received 120m3 of mud. Completed waste mud transfering.

Sea current: Chikyu 0.45knot @6:00.

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. (kern)	Dull Condition Inner	Outer	Dull	Loc.	B	G	O.D.	RP

BHA Record

Hook Wt. (kN) @ mBRT

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

Jar Rotating time S/N: -

Today - Total - hrs

Cutting skip @24:00

Empty	Full	Total
1	0	1

Mud Pumps : 14-P-220 @ 0.0 mBRT 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	0.0	0	0
3	6"					

Personnel @24:00

CDEX	4
MQJ Crew	97
MQJ (SC,Other)	1
MQJ (Sub sea & Hyd)	2
MWJ	15
Scientist	0
Telnite	0
Oceaneering	0
Schlumberger-CMT	0
SLB WL	0
Geoservice	0
Vetco	0
Weatherford (CSG)	0
MI-Swaco	0
NOV Anderreamer	0
Baker (Liner Hanger)	0
Shinsei kougyo	0
Core-IRM	3
Total	122

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

Item	Received	Used	Stock
Barite (Bulk)			66,000
Kunigel-VO (Bulk)			8,400
NaCl			0
KCl			0
Tel-Polymer DX / L / H			3380/1520/1260
XCD-Polymer			0
Soda Ash			1,275
KOH			1,175
Clean Lube			0
Tel Clean			0
Bi-Carbonate			1,000
Lime			1,200
Defoamer 30C			160
Telnite GXL			0
Tel DD			2,400
NaOH			800
Lignite NC			(from Exp start) 1600
Tel Stop G / P			500 / 1000
Tel Mica C / M / F			500 / 1,000 / 1,000
Tel Plug C / M / F			500 / 1,200 / 980
Tan Cal M / F / FF			4230 / 4500 / 0
EZ Spot			550
Speeder P / X			1700 / 1700
Baracor-100 (gal)			0
Astex S			2,400
Treat HS			1,440
Xanvis			1,000
Telnite OS-5			0
Telnite HEC			0

ROV

Status	On deck
Last Dive	1/26/14
Injection Skid	0 /0 gal

Geologic Information

From	To	Lithology of cuttings

Shale Shaker Centrifuge: hrs

No.1		No.4		No.1	off
No.2		No.5		No.2	off
No.3		No.6		No.3	off

Materials Stock on Board @24:00

Item	Unit	Received	Used	Stock
Fresh Water	m3	143.1	82.4	60.7
Potable Water	m3	0.0	6.8	(6.8)
Drill Water	m3	0.0	15.9	(15.9)
Fuel	m3	0.0	46.3	(46.3)
Lube, Oil	Ltrs	0.0	500.0	(500.0)
Heli Fuel	Ltrs	0.0	0.0	0.0
Cement "GWC"	ton	0.0	0.0	0.0
Cement "G"	ton	0.0	0.0	0.0

Mud Volume (m3)

KNPP mud (1.32)	0
total	0

Heli Information

Flt. No.	Time Arrived	Time Departed	Passenger Are.	Passenger Dept.
1	13:21	13:28	0	6
2				
3				
4				

Safety (HSE) and other information

Incident	Last Incident 13/Feb/2013	No. LTA
LTA	27	
HUNS cards		

Remarks

By-weekly safety meeting

Boat Information @24:00

Boat Name	Status	Time @Chikyu Departed	Time @Chikyu Arrived
Kaiko	Chikyu	-	18:00
Shinchou-maru	Chikyu	-	-
Hakuryu-maru	Chikyu	-	-

Marine Information @24:00

Heave (m)	0.3
Pitch (deg)	0.2
Roll (deg)	0.1
Vessel Heading (deg)	255
Riser Tension (kN)	-
V.D. Load (Moon)	10295.0
Max Draught (m)	8.6
Thruster (kW)	830

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	b	6.0	14.2	1025.2	3.0	197.0	3.9	0.6	30	7.6	0.1	87	22.0

Today's Schedule: Continue laying down drill pipes, back load un-used drill pipes, tensioner test, release Hakuryumaru.

Reported by : S. Kataoka / S. Yamada

Approved by : T. Saruhashi