

Chikyu DAILY MORNING REPORT

Mission No. : CK12-02

Exp. No. : Exp 343

Report No. : 24

24

Site Name : JFAST3 **Hole Name :** C0019B **Lat.** 37°56.3367N **Long.** 143°54.8100E **Report Date :** 25/Apr/2012
Depth : @24:00 7,488.0 mBRT 576.0 mbsf **Progress :** 187.0 m **Seabed Depth :** 6,912.00 mBRT **RT-MSL :** 28.5 m
Depth : @06:00 7,554.0 mBRT 642.0 mbsf **Drilling/Coring/Jetting Hrs. :** 10.00 hrs **LAST CASING :** x mbsf
Summary of Operation : 24-Apr : Continue to Drill 8-1/2"LWD Hole. WOW. Resume drilling LWD hole.
Present Operation to 06:00 on 25-Apr : Trouble shoot Schlumberger Geo Line. Continue to Drill 8-1/2"LWD Hole.
Time Breakdown (00:00 - 24:00 on 24-Apr)

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

From	To	Hrs	Code	Detail of Operation
0:00	0:30	0:30	DRL	Drill ahead from 7301 to 7308m, ROP ave. 15.6m/hr. Take survey. Pump Hi-vis 5m3.
0:30	1:45	1:15	Other	Troubleshoot DES, change Duel Elevator (upper) to spare one.
1:45	2:30	0:45	DRL	Drill ahead from 7308 to 7336m, ROP ave. 39.5m/hr. Take survey. Pump Hi-vis 5m3 every joint.
2:30	5:00	2:30	Other	Spot 10m3 Hi-vis. POOH 3 stds of quads and 5 stds of triple to 7085 m. RIH 2stds of quads to 7150 m.
5:00	12:00	7:00	WOW	Wait On Weather. Keep string moving between 10-35m above R/T, rotating w/10rpm and pumping w/90spm (to prevent consuming battery of tools).
12:00	13:00	1:00	Trip	RIH from 7150m to 7310m. No drag observed. Connect HPS, run to bottom. No fill.
13:00	21:45	8:45	DRL	Resume drilling from 7336m to 7488m, ROP ave. 23.0m/hr. Take MWD survey every stand. Pump Hi-vis 5m3 every joint to 7336m and 10m3 from 7336m.
21:45	22:00	0:15	Other	Take MWD survey.
22:00	23:15	1:15	Trip	POOH from 7488m to 7235m. No overpull observed. Rack back 3 quad stands and 5 triple stands.
23:15	24:00	0:45	Trip	RIH from 7235m to 7349m. No drag observed.

Drilling parameter		MWD data							
from(mBRT)	to(mBRT)	HPS(RPM)	R/T(kNm)	P/R(spm)	P/P(MPa)	WOB(kN)	mBRT	inclination (deg)	azimuth (deg)
7301m	7308m	120	0-5	140	25.5-26.5	20-50kN	7260m	2.07	345.02
7308m	7336m	120	0-5	140	25.5-26.5	20-50kN	7288m	2.04	349.09
7336m	7346m	120	0-5	140	25.5-26.5	20-50kN	7320m	2.17	352.55
7346m	7374m	120	2-11	140	25.5-26.5	20-50kN	7352m	2.49	346.92
7374m	7402m	140	3-12	140	25.5-26.5	10-40kN	7381m	2.64	347.72
7402m	7431m	160	2-8	140	25.5-26.5	0-30kN	7409m	2.92	349.68
7431m	7459m	160	2-8	140	25.5-26.5	10-40kN	7438m	3.22	349.53
7459m	7488m	160	2-8	140	25.5-26.5	10-40kN	7466m	3.65	347.08

Time Breakdown (00:00 - 06:00 on 25-Apr) * The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Detail of Operation
0:00	0:30	0:30	Trip	Continue RIH from 7349m to 7462m.
0:30	1:45	1:15	Other	Circulate until trouble shoot Schlumberger geolograph unit @7462m; 5MPa @60spm, 1.0-1.7 kN m @8rpm.
1:45	2:15	0:30	Trip	RIH from 7462m to bottom. Tag @7488m. No fill.
2:15	6:00	3:45	DRL	Drill ahead from 7488 to 7554m, ROP ave. 24.4m/hr. Take MWD survey every stand. Pump Hi-vis 10m3 every joint.

Drilling parameter		MWD data							
from(mBRT)	to(mBRT)	HPS(RPM)	R/T(kNm)	P/R(spm)	P/P(MPa)	WOB(kN)	mBRT	inclination (deg)	azimuth (deg)
7488	7491.2	160	2-11	140	25.5-26.5	10-42	7476.6	3.9	351.72
7491	7526	160	2-14	140	25.5-26.5	10-42	7504.9	4.22	351.85
7526	7554	160	2-14	140	25.5-26.5	12-74			

Bit Record

Bit No.	Size (in)	MFR	Type	IADC Code	S/No.	Nozzles	Depth (mBRT)		Meter-age	Hrs.	WOB (kN)		rpm		Total Rev. (krev)	Dull Condition						
							From	To			Min.	Max.	Min.	Max.		Inner	Outer	Dull	Loc.	B	G	O.D.
1	8.5	Smith	MDSI713 UBXP	M333	JF6234	7 x 12	6,912	7,488.0	576.0	30.00	0	100	80	160	122.0							

BHA Record

LWD 1	Bit x Bit Sub x XO x GVR-6 x ARC-6 x Telescope 675 HF x NonMag DC x 8-1/4"Stab x XO x 6-3/4"DC 8stds. x Jar x 6-3/4" 7stds. x XO x 5.68"HWDP 12stds. x XO x 5"S-140 DP Pre. 59stds. x 5-1/2"S-140 DP Pre. 36stds. x 5-1/2"S-150 DP Pre. 53stds. x 5-1/2"S-150 DP New 26stds. x 6-5/8"Z-140 DP New	Hook Wt. (kN) @ 6,900 mBRT
		Total Hook Weight 3,600
		Pick Up Weight
		Slack Off Weight
		HPS & Traveling block & DES 750
		Below Jar 165
		BHA 270
		BHA + HW 322

Mud Properties

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	Gel St.	WL	Cake	pH	Pf	Cl-	K+	LGS	PPG	MBC	n	K	Temp In	Temp Out
Sea Water Gel (special)	24:00	Pit	1.04	118	12	52	30	32		9.9							0.25	13.64	16	

Mud Pumps : 14-P-220 @ 7488 mBRT 5.00 gallon/stroke @97%

No.	Liner Size	SPM	GPM	Press. (MPa)	Ann. Vel. (m/min)
1	6				
2	6	140	700	26.0	
3	6				

Geologic Information 2012.04.24

From	To	Litho logy
7488	7554	Mud Stone (interbedded locally with Sand / Sand stone)

Materials Stock on Board @24:00

Item	Unit	Received	Used	Stock
Fresh Water	m3	98.2	91.0	308.9
Potable Water	m3	0.0	2.9	235.5
Drill Water	m3	0.0	67.5	1,564.7
Fuel	m3	0.0	46.4	3,148.5
Lube Oil	Ltrs	0.0	1000.0	107,300.0
Heli Fuel	Ltrs	0.0	0.0	800.0

Boat Information@24:00

Boat Name	Status	Time	
		Departed	Arrived
No.18 Kaiko-Mar	Chikyu		
kaiko	-		

Weather Information

Time	Weather	Temp. (degC)		Barometer (hPa)	Wind			Wave			Current		Visibility (km)
		Air	SW		Dir. (deg)	Gust (m/s)	Height (m)	Dir. (deg)	Period (s)	Speed(knt)	Dir. (deg)		
24:00	bc	12.5	14.2	1014.8	7.4	356.0	9.3	2.0	155	8.1	0.5	3	22

Today's Schedule : Continue to drill 8-1/2"LWD Hole to TD and repeat section (LWD).

Personnel @24:00

CDEX	13
MQJ Crew	96
MQJ (Other)	1
MWJ	19
Scientist	29
Telnite	1
Sch-LWD	3
Sch-WL	1
Magnum	3
Franks	0
WWT	0
OCC	2
NOV	1
Kaiyodenshi	2
Core-IRM	0
Other	1
Total	172

Mud Volume (m3)

Pre-Hyd.	293
Kill mud (1.30sg)	71
Premix SW	70
Sea Water Gel	129

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

Item	Received	Used	Stock
Barite (Bulk)	0	0	557,500
Bentonite (by S.Lanka)	0	6,800	5,600
Kunigel-VO (Bulk)	0	0	212,000
NaOH	0	250	9,175
Lime	0	240	9,100
XCD-Polymer	0	0	100
Rester	0	0	3,000
Baracor-100 (gal)	0	0	110
Telnite OS-5	0	0	120
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0

Marine Information @24:00

Heave (m)	0.7
Pitch (deg)	0.5
Roll (deg)	0.2
Vessel Heading (deg)	190
Riser Tension (ton)	-
V.D. Load (Moon)	12320.0
Max Draught (m)	9.0
Thruster (kW)	1,070

Helicopter Information

Fit No.	Time		Passenger	
	Arrived	Departed	Are.	Dept.
1				
2				
3				
4				
5				

Safety (HSE) and other information

Incident	Last Incident	No. LTA
LTA		
HUNS cards	18	

Remarks

General Safety Meeting (7:30, 13:00 & 19:00)