

Chikyu DAILY MORNING REPORT

Mission No. : CK13-04

Exp. No. : Exp 348

Report No. : 79

Site Name : C0002 Hole Name : C0002N Lat. 33° 18.0607'N Long. 136° 38.2029'E Report Date : 1/Dec/2013
 Depth : @24:00 4287.5 mBRT 2330.0 mbsf Progress : m Sealed Depth : 1,967.50 mBRT RT.MSL : 28.6 m
 Depth : @06:00 4287.5 mBRT 2330.0 mbsf Drilling/Coring/Jetting Hrs. : hrs LAST CASING : 13-3/8" x 2,010.00 mbsf(3,977.5 mBRT)
 Summary of Operation on 30-Nov : POOH string, MJU and RIH (screw-in) fishing BHA.
 Present Operation @ 06:00 on 1-Dec : Continue RIH fishing BHA.
 Time Breakdown (00:00 - 24:00 on 30-Nov) mBRT: meter below rotary table
 mbsf: meter below sea floor

From	To	Hrs	Code	Detail of Operation
0:00	2:00	2:00	SP(C&C)	Continue circulate and bottoms up with 900gpm x 17.3MPa. Spot 5m3 Hi-vis mud at bottom.
2:00	3:00	1:00	SP(TRIP)	POOH drill string to 3855mBRT. Check and confirm make up torque on all DP's connection.
3:00	4:15	1:15	SP(TRIP)	Change saver sub 6-5/8"FH 7.703" to 8.078" Bevel. Make up saver sub with 1259N-m. Service IBOP actuator of HPS.
4:15	5:30	1:15	RS	
5:30	18:30	13:00	SP(TRIP)	Continue POOH drill string to surface. Confirm back-off point is planned connection (Top of fish: 3853.85mBRT). Recovered string: 5.68"HWDP (11joint) x XO x 5"DP S-140 (93stds) x XO x 6-5/8"DP Z-140 (7stds) Stuck BHA in hole. Bit x Bit Sub (w/Float) x 8-1/2"DC (1) x 12-1/4"Stab x 8-1/2"DC (2) x 12-1/4"Stab x 8-1/2"DC (9) x Jar x 8-1/2"DC (2) x XO x 5.68"HWDP (1) (Total Length: 153.15m). Check and confirm make up torque on all DP's connection. No damage observed on bottom of string (5.68"HWDP) pin connection.
18:30	24:00	5:30	SP(TRIP)	Make up and RIH Screw-in sub fishing BHA to 789mBRT. Fitting test of Screw-in sub and 5.68"HWDP box connection on main well (screw-in with hand tight 6 right turns).

Note
 Shincho-maru: Offload: Tea full skip (Mud).
 Dive ROV: Inject 6gal glycol into LMRP and wellhead connector.
 Sea current @ Chikyu: 0.1-0.5 knot, 5mile SW 0.1-1.0 knot.

From	To	Hrs	Code	Detail of Operation
0:00	6:00	6:00	TRIP	RIH Screw-in sub fishing BHA to 2915.4mBRT. Screw in to HPS and run BHA with 6-5/8"DP UD-165 stand. Make up 6-5/8"DP UD-165 with 90kN-m due to limit of HPS pipe handler.

Sea current: Chikyu 0.6 knot, 5 mile SW 0.2 knot and S 17.8mile 4.2knot @6:00.

Bit No.	Size (in)	MFR	Type	IADC Code	S.No.	Nozzles	Depth (m)	Meter-age	Hrs.	WOB (kN)	rpm	Total Rev (krev)	Inner	Outer	Dull	Loc.	B	G	O.D.	RP	
3	12.25	TIX	MSS-TX	137	61174-T	3 x 24	3865.2	144.8	4.97	38	132	67	81								

BHA Record	Hook Wt. (kN) @	827.8 mBRT
12.25"DC	3	1160
#1 Fishing		113
		60
		25
		260
		730
		460

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	VV	Gal St. (10"/10')	WL	Cake	pH	PI	Cl-	Sand	Oil	Solid	MBC	Temp (In/Out)	K+	n	K	LGS		
KNPP	2:00	3.855	1.15	85	37	35	4	6	3.6	0.5	12.4	0.4	78.100	0.7	0	8.0	1	14	10	33.000	0.60	1.73	1.3
KNPP	16:00	pt	1.15	80	36	34	4	6	3.6	0.5	12.3	0.3	78.100	0.6	0	8.0	1	14	10	33.000	0.63	0.71	1.3
KNPP (Hi-vis)	1:00	pt	1.16	300	52	94	18	25	-	-	9.0	-	-	-	-	-	19	-	-	-	0.44	9.43	-

Mud Pumps : 14P-Z20 @ 4005.0 mBRT	5.00 gallon/stroke @97%						
No.	Liner Size	SPM	GPM	Press. (MPa)	Ans. Vel. (m/min)	DC	DP
1	6"	180	900	17.3		22	19
2	6"						
3	6"						

Geologic Information	From	To	Lithology of cuttings

Shale Shaker	No.1	#10, #145 x 2	No.4	#10, #145 x 2	No.1	off
	No.2	#10, #145 x 2 <td>No.5</td> <td>#10, #145 x 2 <td>No.2</td> <td>off</td> </td>	No.5	#10, #145 x 2 <td>No.2</td> <td>off</td>	No.2	off
	No.3	#10, #145 x 2 <td>No.6</td> <td>#10, #145 x 2 <td>No.3</td> <td>off</td> </td>	No.6	#10, #145 x 2 <td>No.3</td> <td>off</td>	No.3	off

Materials Stock on Board @24:00	Item	Unit	Received	Used	Stock
	Fresh Water	m3	98.2	92.5	5.7
	Potable Water	m3	0.0	4.4	(4.4)
	Drill Water	m3	0.0	13.4	(13.4)
	Fuel	m3	0.0	43.7	(43.7)
	Lube, Oil	Ltrs	0.0	300.0	(300.0)
	Hell Fuel	Ltrs	0.0	0.0	0.0
	Cement "GW"	ton	0.0	0.0	0.0
	Cement "G"	ton	0.0	0.0	0.0

Boat Information @24:00	Boat Name	Status	Time @Chikyu
		Departed	Arrived
	Kaiyu	Chikyu	12:10
	Shincho-maru	Shingu	12:10
	Hakuryu-maru	Current survey: SW 5mile	-

Personnel @24:00	COXSWAIN	7
	MQJ Crew	100
	MQJ (SC crew)	1
	MQJ (Sub sea & Hyd)	1
	MWJ	17
	Scientist	25
	Tehite	2
	Oceanengineering	6
	Schlumberger-CMT	2
	SLB WL	3
	Geoservice	5
	Velco	1
	Halliburton-LWD	3
	Halliburton-DD	1
	Weatherford (CSG)	0
	MI-Swaco	4
	Tenaris	0
	UIPS (Sintel)	0
	Total	176

Mud Materials on Board @24:00hrs	Received	Used	Stock
Item			
Barite (Bulk)		4,000	197,500
Kunigel-VO (Bulk)			10,800
NaCl			47,000
KCl			22,000
Tel-Polymer DX / L / H			7780 / 3380 / 1280
XCD-Polymer			750
Soda Ash			1,000
KOH			2,850
Clean Lube			13,500
Tel Clean			0
Bi-Carbonate		500	1,000
Lime			1,240
Defoamer 30C			192
Tehite GXL			36
Tel DD			3,200
NaOH			800
Lignite NC			2,000
Tel Stop G / P			500 / 1,000
Tel Mica C / M / F			500 / 1,000 / 1,000
Tel Plug C / M / F			500 / 1,000 / 980
Tan Cal M / F / FF			4230 / 4500 / 0
EZ Spot			550
Speeder P / X			1700 / 1700
Baracor-100 (gal)			0
Astar S			9,800
Treat HS			0
Rester			0
Tehite OS-5			0
Tehite HEC			0

Hull Information	Fit.	Time	Passenger
No.	Arrived	Departed	Are.
1			
2			
3			
4			

Safety (HSE) and other information	Incident	Last Incident	13/Feb/2013	No. LTA
LTA				
Remarks				
Revised				

Marine Information @24:00	Heave (m)	0.2
	Pitch (deg)	0.2
	Roll (deg)	0.2
	Vessel Heading (deg)	240
	Vessel Tension (kN)	8700
	V.D. Load (Moon)	1363.1
	Max Draught (m)	9.0
	Thruater (kW)	770

Weather Information	Time	Weather	Temp. (degC)	Barometer	Wind	Wave	Current	Visibility
	24:00	bc	13.0	1017.7	1020.7	6.8	307.0	0.9
								230
								5.5
								0.3
								264
								22.0

Today's Schedule : Continue RIH fishing BHA. Screw in to top of fish. Recover 12-1/4"DC BHA.

Reported by : D. Ikenomoto / S. Kataoka
 Approved by : Y. Uemura