

Chikyu DAILY MORNING REPORT

Mission No. : CK13-04

Exp. No. : Exp 348

Report No. :

88

Site Name : C0002

Hole Name : C0002N

Lat. : 33° 18.0507'N

Long. : 136° 38.2029'E

Report Date : 10/Dec/2013

Depth : @24.00 4287.5 mBRT

2330.0 mBRT

Seated Depth : 1,967.50 mBRT

RTASL : 28.5 m

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Depth : @06.00 4287.5 mBRT

2330.0 mBRT

Drilling/Coring/Jetting Hrs. : 9-Dec

LAST CASING : 13-3/8"

2,010.00 mbsf(3,977.5 mBRT)

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Summary of Operation on 9-Dec : BOP pressure test and function test with WBRRT. WOW

Present Operation on 10-Dec : WOW (planned disconnect).

mBRT: meter below rotary table

mbsf: meter below sea floor

From	To	Hrs	Code	Detail of Operation
0:00	1:00	1:00	Log	Continue to wind up plug tag assembly to surface.
1:00	1:30	0:30	Log	Lay out tools and rig down Schlumberger. No junk in junk basket.
1:30	2:30	1:00	Trip	Make up jet-sub BHA and RH to 136mBRT.
2:30	3:00	0:30	Trip	Make up and check WBRRT Set WBRRT in dogs retracted position (release mode) to avoid unexpected retrieval of WB.
3:00	7:00	4:00	Trip	RH WBRRT assembly for BOP pressure test to 1616mBRT.
7:00	7:15	0:15	Other	Connect HPS @ jetting tool depth 1955mBRT. Jet and wash BOP and wellhead w/120spm x 6.9Mpa pumping.
7:15	8:00	0:45	Trip	Continue to RH. Adjust depth w/WBRRT.
8:00	8:15	0:15	Trip	Lower WBRRT. Tag w/50kN @ lower annular BOP (1953.8mBRT) and pass through Land WBRRT @1964.3mBRT.
8:15	14:30	6:15	BOPE	BOP function and pressure test on Yellow pod from drillers console. (8:15 - 8:30) Line test w/6000psi. 10min OK. (8:30 - 9:15) LPR w/300psi x 5min, 5,500psi x 10min: OK (9:15 - 9:45) MPR and LUC w/300psi x 5min, 5,500psi x 10min: OK (9:45 - 10:00) MPR and LOC w/300psi x 5min, 5,500psi x 10min: OK (10:00 - 10:30) LA and UIC w/300psi x 5min, 5,500psi x 10min: OK (10:30 - 11:00) LA and UOC w/300psi x 5min, 5,500psi x 10min: OK (11:00 - 12:00) UA and IGB w/300psi x 5min, 5,500psi x 10min: OK (12:00 - 12:30) UA and OGB w/300psi x 5min, 5,500psi x 10min: OK (12:30 - 12:45) Pressure test Choke isolation valve to 600psi for 10 min. on Blue pod from drillers console (12:45 - 13:30) UPR, LK and UK w/300psi x 5min, 5,500psi x 10min: OK (13:30 - 14:00) UPR, LK and UK w/300psi x 5min, 5,500psi x 10min: OK (14:00 - 14:30) Function test Blue pod @ Toolpusher console/ Yellow pod @ Drillers console.
14:30	15:00	0:30	Trip	Un-seat WBRRT, pull string to above BOP, pump 4m3 of slug. 215kN of overpull was experienced at upper annular. Worked string to pass through. Diverter function test carried out. Displace riser with sea water while POOH.
15:00	21:00	6:00	Trip	POOH WBRRT assembly to surface. WBRRT above rotary table at 19:15. Jet sub above rotary table at 20:45.
21:00	0:00	3:00	RR	MPI inspection for main shaft of HPU, stand-by preparation for WOW. (21:00 - 22:00) Displace booster, choke & kill line with sea water. (22:00 - 24:00) Close DSV w/ ST lock. Displace riser with seawater.
Note: Whip stuck arrived on location at 23:30. Loading suspended due to rough weather. (8:35-24:00) Inject 12gal of glycol to wellhead connector and 5 gal to LMRP connector. Sea current @ Chikyu: 1.63 Knot. 5 miles SW; 2.2-3.3knot				

From	To	Hrs	Code	Detail of Operation	Weather Condition																																																																
0:00	0:15	0:15	WOW	Continue to stand-by action. (00:00 - 00:15) Continue to displace riser with seawater.	<table border="1"> <thead> <tr> <th>Time</th> <th>direction (deg)</th> <th>speed(m/s)</th> <th>Height (m)</th> <th>Period (s)</th> <th>Dir (deg)</th> <th>speed (knot)</th> <th>Dir (deg)</th> </tr> </thead> <tbody> <tr> <td>0:00</td> <td>131</td> <td>11.2</td> <td>12.5</td> <td>1.4</td> <td>6.0</td> <td>160</td> <td>2.2</td> </tr> <tr> <td>1:00</td> <td>178</td> <td>15.6</td> <td>18.4</td> <td>1.4</td> <td>6.2</td> <td>190</td> <td>2.5</td> </tr> <tr> <td>2:00</td> <td>170</td> <td>19.5</td> <td>20.8</td> <td>1.8</td> <td>6.5</td> <td>170</td> <td>2.8</td> </tr> <tr> <td>3:00</td> <td>155</td> <td>15.0</td> <td>17.6</td> <td>2.8</td> <td>7.0</td> <td>170</td> <td>2.8</td> </tr> <tr> <td>4:00</td> <td>168</td> <td>24.1</td> <td>25.5</td> <td>3.3</td> <td>7.4</td> <td>170</td> <td>2.7</td> </tr> <tr> <td>5:00</td> <td>184</td> <td>25.6</td> <td>31.6</td> <td>4.4</td> <td>8.0</td> <td>180</td> <td>2.4</td> </tr> <tr> <td>6:00</td> <td>197</td> <td>30.1</td> <td>32.6</td> <td>3.8</td> <td>8.8</td> <td>180</td> <td>2.3</td> </tr> </tbody> </table>	Time	direction (deg)	speed(m/s)	Height (m)	Period (s)	Dir (deg)	speed (knot)	Dir (deg)	0:00	131	11.2	12.5	1.4	6.0	160	2.2	1:00	178	15.6	18.4	1.4	6.2	190	2.5	2:00	170	19.5	20.8	1.8	6.5	170	2.8	3:00	155	15.0	17.6	2.8	7.0	170	2.8	4:00	168	24.1	25.5	3.3	7.4	170	2.7	5:00	184	25.6	31.6	4.4	8.0	180	2.4	6:00	197	30.1	32.6	3.8	8.8	180	2.3
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0:15	1:15	1:00	WOW	Monitor wind speed and sea current. Observe over 20m's (2min ave) and 2.7 knot sea current. (4knot: 5mile offset SW)																																																																	
1:15	2:30	1:15	WOW	Conduct planned disconnect by EDS #3. Confirm the condition to initiate EDS #3. Set Gator lock in auto lock, riser tensioner tension 8650kN ~ 8200kN Initiate EDS #3 (1, 2, 3) Confirm LMRP disconnect from lower BOP by ROV and tensioner tension to 6670kN. Riser tensioner retract and gator lock fully lock and secured. ROV visual check on LMRP connector and Lower BOP stack. Recover AX gasket ring of aux line.																																																																	
2:30	6:00	3:30	WOW	Move vessel to Northward. To stream out from high current. (vessel speed 0.3-3.0knot depending on ROV situation) @6:00 Vessel position 1.1mile north from C2 site. MPI inspection on HPS shaft/ No crack in test.																																																																	
Note: ROV: monitor LMRP disconnect and move with Vessel to North. Sea current: Chikyu 2.3 knot @6:00																																																																					

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

SHA Record	WBRRT	Jetting sub x XO x 5-1/2"DP S-140 (1std) x XO x 8-1/2"DC (1std) x 12-1/4" stab. x 8-1/2"DC (1std) x XO x 5-1/2"DP S-140 (1std) x XO x WBRRT x XO (0.23m) x 5-1/2" DP S-140 6m pup
		x 5"DP S-140 (4std) x XO x 6-5/8"DP Z-140

Mud Properties	Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	Gal St. (10"/10')	WL	Clay	pH	PF	Cl-	Sand	Oil	Solid	MBC	Temp In	Temp Out	K+	n	K	LSS	
	KNPP	2:00	pit	1.15	78	35	30	3	6	3.7	0.5	12.2	0.3	78.100	0.3	0	8.0	1	16	-	31,800	0.62	1.35	1.4
	KNPP	17:00	pit	1.15	78	35	30	3	6	3.7	0.5	12.2	0.3	78.100	0.3	0	8.0	1	16	-	31,800	0.69	0.42	1.4

Mud Pumps	No.	Liner Size	SPM	GPM	Press. (MPa)	Ann. Vel. (m/min)	DC	DP
	1	6"	165	825	4.2	20		
	2	6"						
	3	6"						

Geologic Information	From	To	Lithology of cuttings

Shale Shaker	No.1	#20, #180 x 2	No.4	#10, #145 x 2	No.1	off
	No.2	#20, #185 x 2 <td>No.5</td> <td>#20, #185 x 2 <td>No.2</td> <td>off</td> </td>	No.5	#20, #185 x 2 <td>No.2</td> <td>off</td>	No.2	off
	No.3	#10, #145 x 2 <td>No.6</td> <td>#20, #180 x 2 <td>No.3</td> <td>off</td> </td>	No.6	#20, #180 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	135.2	99.1	308.3
	Potable Water	m3	0.0	11.1	196.9
	Drill Water	m3	0.0	9.9	1,427.6
	Fuel	m3	0.0	49.7	4,266.2
	Lube, Oil	Ltrs	0.0	900.0	63,800.0
	Hell Fuel	Ltrs	0.0	0.0	0.0
	Cement "GWIC"	ton	0.0	0.0	0.0
	Cement "C"	ton	0.0	0.0	0.0

Boat Information @24:00	Boat Name	Status	Time @Chikyu	Departed	Arrived
	Kaiyu	Enroute to Shingu	24:00	-	-
	Shinchou-maru	Current survey: SW 5miles	-	-	23:00
	Haiyuu-maru	Katsura	21:00	-	-

Weather Information	Time	Weather	Temp. (degC)	Barometer (hPa)	Wind Dir. (deg)	Wind Gust (m/s)	Wave Height (m)	Wave Dir. (deg)	Period (s)	Current Speed (knot)	Current Dir. (deg)	Visibility (km)
	24:00	c	17.0	1009.0	11.2	131.0	12.5	1.4	160	6.0	2.2	85

Today's Schedule : WOW, Assemble HPS. RU riser handling tool.

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

Approved by : T.Sarushashi