

Chikyū DAILY MORNING REPORT

Mission No. : CK13-04

Exp. No. : Exp 348

Report No. : 91

Site Name : C0002 Hole Name : C0002N Lat. : 33° 18.0507'N Long. : 136° 38.2029'E
 Depth : @24.00 4287.5 mBRT 2330.0 mbsf Progress : m Seated Depth : 1,967.50 mBRT RTASL : 28.5 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 12-Dec : Continue displace riser. RIH WBRRT and pressure test LMRP connector. POOH. RIH milling BHA.
 Present Operation @ 06:00 on 13-Dec : RIH simulation run BHA.

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

From	To	Hrs	Code	Detail of Operation
0:00	0:45	0:45	BOPE(Other)	Displace riser with KNPP mud.
0:45	1:45	1:00	Trip	MU WBRRT assembly. PUJ jet sub, 5-1/2" S-140 DP std, 2 x 8-1/2" DCs.
1:45	2:15	0:30	FC	Open DVS, flow check well. OK. Displace 14-lube on degasser with mud.
2:15	2:45	0:30	Trip	Resume MU WBRRT assembly, pick up 5-1/2" S-140 DP std, WBRRT and set at "un-locked" position.
				Conduct pressure test for mini connectors 300/5500psi for 5/10min.
2:45	3:30	0:45	Trip	RIH WBRRT assembly to 525mBRT.
3:30	4:00	0:30	BOPE(Other)	Function test diverter.
4:00	8:15	4:15	Trip	Resume running WBRRT assembly from 525 to 1963mBRT.
				Observed 40kN drag at upper annular.
				Jet BOP area at 600gpm.
				Landed onto wear bushing, slick down 150kN.
8:15	9:15	1:00	BOPE(Other)	Pressure test choke line 5500psi for 5min, pressure test LMRP connector 300/5500psi for 5/10min. -OK.
9:15	9:45	0:30	BOPE(Other)	Function test pipe rams. -OK.
				Function tested upper, middle, lower pipe rams from blue and yellow PODs. -OK.
				Fluid keep flowing after closing middle pipe ram on blue POD, suspect control line for SPM leaks. Ram hold pressure -OK.
9:45	16:30	6:45	Trip	POOH WBRRT to surface.
				Observed 130kN drag at upper annular.
				Conduct function test DVS from yellow POD and super shear ram (high pressure close) from yellow and blue PODs.
				Undefined for closing super shear ram from both yellow and blue POD. Function confirmed OK from flow volume.
				Function tested BOP with acoustic, "close" Super Shear ram. -OK.
16:30	17:15	0:45	Other	Pick up jar stand and lay down 8-1/2" Drilling jar.
17:15	19:30	2:15	Trip	Make up simulate run BHA.
				Gauge all mills, confirmed OD below 12.25" and above 12.25". Check gauge of stabilizer OD, 12.25".
				Make up and break connection between mill and 8-1/2" DC to confirm for any damage, no damage confirmed.
19:30	23:15	3:45	Trip	RIH simulate run BHA to 1304mBRT.
23:15	24:00	0:45	RS	Service HPS.
<p>Note:</p> <p>Offload 1ea full skip to KAIYU.</p> <p>Halliburton geolograph wire parted. Re-attached at outer barrel of slip joint.</p> <p>Glycol injection: LMRP/BOP: 3/5 gal (2 times every 12hrs)</p> <p>Sea current @ 24.00, Chikyū: 0.85knot. 5miles SW of C0002N: 2.4knot</p>				

From	To	Hrs	Code	Detail of Operation
0:00	0:15	0:15	RS	Continue servicing HPS, install auto slip.
0:15	6:00	5:45	Trip	Resume running simulation run BHA from 1304mBRT to 3736mBRT.
				No excess drag was observed in high DLS intervals (max 2.376 @ 2966mBRT).
				Normal drag: up 50kN, down 40kN at 3700.
<p>Note:</p> <p>Sea current: Chikyū 1.5 knot. SW 5mile 2.6 knot. @6:00</p>				

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

BHA Record													Hook Load (kN) @	
WBRRT Jetting sub x XO 5-1/2" DP S-140 1std x XO 8-1/2" DC (1) x 12-1/4" Stab x 8-1/2" DC (5) x XO 5-1/2" DP S-140 1std x XO x WBRRT x XO 5-1/2" DP pup (6m) x 8" DP S-140 4stds x 6-5/8" DP 2-140													1,301.0	
Mill BHA Lead Mill x 8-1/2" DC (1) x 12-1/4" Stab x Secondary Mill x Flux Manifold x Shear Mill x 8-1/2" DC (9) x XO 8-1/2" Flaring DC (12) x XO x 5.68" HWDP (12) x XO x 5" DP S-140 2stds													1,535	
KNPP x 5-1/2" DP S-140 21stds x XO 5-1/2" DP S-150 5stds x XO x 6-5/8" DP 2-140													470	

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	Gel St. (10", 10')	WL	Cake	pH	PI	CI	Sand	Oil	Solid	MB	Temp In	Temp Out	K+	n	K	LGS	
KNPP	4:00	pit	1.15	81	52.5	38	4	6	3.5	0.5	11.9	0.2	78.100	0.3	0	8.0	1.00	14	-	31,800	0.65	1.18	1.4
KNPP	17:00	pit	1.15	80	52	37	4	6	3.5	0.5	11.9	0.2	78.100	0.3	0	8.0	1.00	14	-	31,800	0.62	0.76	1.4

Mud Pumps - 14-P-220 @ 5.00 gallons/stroke @97%													Cutting skip @24:00			
No.	Liner Size	SPM	GPM	Press. (MPa)	Ann. Vel. (m/min)	DC	DP						Empty	Full	Total	
1	6"												50	0	50	
2	6"	0	0	0.0	0	0	0						ROV			
3	6"												Status		Diving	
													Last Dive		12/12/13	
													Injection Skid	119	1/35	gal

Personnel @24:00													Mud Materials on Board @24:00hrs												
CDECA 6 MIQJ Crew 95 MIQJ (SC crew) 1 MIQJ (Sub sea & Hyd) 1 MWJ 16 Scientist 24 Teinite 2 Oceanengineering 6 Schlumberger-CMT 1 SLB WL 3 Geoservice 6 Velco 1 Halliburton-LWD 3 Halliburton-DD 1 Weatherford (C-SG) 0 MI-Swaco 2 Whipstock 1 Total 169													Ram 187,000 Barite (Bulk) 6,000 Kunigel-VO (Bulk) 10,800 NaCl 5,000 KCl 1,000 Tel-Polymer DX / L / H 280/10060 XCD-Polymer 100 Soda Ash 925 KOH 2,825 Clean Lube 13,800 Tel Clean 3,200 Bi-Carbonate 1,000 Lime 1,240 Defoamer 30C 192 Teinite GXL 36 Tel DD 3,200 NaOH 800 Lignite NC 2,000 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 650 Speeder P / X 1700 / 1700 Baracor-100 (gal) 0 Atlas S 9,600 Treat HS 0 Restler 0 Teinite OS-S 0 Teinite HEC 0												

Mud Volume (m3)													Marine Information @24:00												
KNPP mud (1.15) 110 KNPP mud (1.11) 417													Heave (m) 0.2 Pitch (deg) 0.2 Roll (deg) 0.1 Vessel Heading (deg) 275 Riser Tension (kN) 8700 V.D. Load (Moon) 12885.3 Max Draught (m) 9.0 Thruster (kW) 1200												

Weather Information												
Time	Weather	Temp. (degC)	Barometer	Wind	Wave	Current	Visibility					
24:00	bc	Ar SW	(hPa)	Speed (m/s) : Dir. (deg) : Gust (m/s)	Height (m) : Dir. (deg) : Period (s)	Speed(knt) : Dir. (deg)	(km)					
		7.5	1023.0	4.6 : 257.0 : 6.5	1.2 : 280 : 6.7	0.4 : 108	22.0					

Today's Schedule : Tag top of bridge plug, circulate bottoms up, POOH, RIH with whipstock.

Reported by : S. Katoka / T.Yokoyama / S. Yamada
 Approved by : T.Sarushashi