Chikyu D	AILY MOR	NING REP	ORT			Mission	No. :	CK12	-06		Exp. No	o. :	Exp 33	38						Repo	rt No. :		74
Site Name :	@24:00	C0002 3,325.16	mBRT 1:	360.66	Hole Name : mbsf		38.16	Lat.	33°18.0 Seabed Depth :		mBRT	Long.		136°38.		28.5	m			Re	port Date :	14/Dec	/2012
	@06:00	3,325.16 ary of Operation	mBRT 1:		mbsf				/Coring/Jetting Hrs. : 00mbsf. Sweep out F	1.50	hrs	and attack	mnt from	LAST	ASING:	-	×		-	mbsf(- mBi	T)	
	Present Op	eration to 06:00	on 1	4-Dec	: Attemp	t free pipe.	Zimuur mirusi	ei. FOOH to 90	Joinusi. Sweep out F	ili Iliuu. Kin.	Stuck pipe	and alter	ilipi iree j	pipe.					-		er below rotary ta	ile	
From	To	Hrs	Code		-Dec Detail of Opera															mbsf: mete	r below sea floor		
0:00	0:30 0:45	0:30 0:15	C&C Core(Other) Stop pu	ump and check	eaning, 200spm x 2 SPP, 1.0MPa @32	78.45mBRT.																
0:45	3:00	2:15	C&C	Continu	ue circulation an	d hole cleaning wi	th 200spm, SF	PP decreased g	radually to 20.4MPa. confirm SPP: 0MPa	Meanwhile,	stop pump	and check	SPP, 1.0	0MPa @32	67.0mBRT.								
3:00	4:30	1:30	DRL	Continu	ue drill out 3287	.0-3325.16mBRT (1322.5-1360.6	66mbsf, 38.16m	i). n x 9.2-20kN-m. ROI														
4:30	4:45	0:15	C&C	Circula	ate and hole clea	ning, 200spm x 22	.8MPa.		1 X 9.2-20KN-M. ROI	: 30 m/nr,													
4:45	5:30	0:45	DPS		Change 3C por	stopped, DP status wer supply from po	ort to starboard	d side. DP statu	us changed to "Advis	ory".													
5:30	6:30	1:00	Trip	Continu	Meanwhile, pur	mp 10m3 heavy se	a water, but o	over sea water for sea water f	low from top connect reen". Rebooted and	on of DP. Pu	mp 5m3 kil	I mud and	POOH.										
6:30	8:30	2:00	C&C	Sweep		1 10m3 SWG for h																	
8:30	10:30	2:00	Trip	Run ba	Tag 110kN @2	971.5mBRT. Atter	npt pass agair	n, but tag 110kN	I @2971.8mBRT.														
10:30	24:00	13:30	SP	Stuck p	nine @3070mBF	RT Attempt free pi	ne		x 6.5-19.2MPa, 12-1		.4kN-m.												
					(10:30-12:30)	HSP stall (torque	limit 20kN-m)	@3072.8mBR	Twith 180spm x 20.3f while work pipe. Dec	MPa.	imit to 10k	M m and re	nlasea H	IDS torque									
						Stop pump and c	heck SPP, ren	nain SPP: 6.5M	Pa @3070.9mBRT.	Bleed off SPF	at stand p	ipe manifo	old.										
					(12:30-14:00)	Attempt free pipe	by work pipe	400kN slack off	attempt free pipe by and 200-500kN ove														
		Mearnwhile, mix 30m3 of 20% deaan tube water. (14:00-16:30) Spot 10m3 of 20% deaan-tube and displace 14000 twith seavater. Continue work pipe, over pull 350kN and slack off 500kN. SPP was decreased gradually 6.8 to 5.0MPa.																					
		Soaking during work pipe and pump seawater 200cts with 30 spm, 2 times. Attempt to slack off with 500kN slowly to 3078mBRT (8m slack off) but no jarring action and still pipe sticking.																					
		(16:30-18:30) Spot 10m3 of 20% clean-lube and displace 1400cts with seawater, 2 times. Continue work pipe, over pull 350kN and slack off 500kN.																					
	Soaking during work pipe and pump 200cts with 30 spm. 2 times. Attempt to over pull with 1400kin gradually to 3086. Emility (1 (3.5m pull) but no jarring action and still pipe sticking. Meanwhile, mix 2 tm3 of 17% Tel DD water.																						
	(18:30-21:00) Spot fam3 of 17% TEL. D0 water and displaced +400cts with seawwiter, 2 times. Continue work pipe, over puil 800-1000kN and stack off 500kN. Soaking during work pipe and pump 200ct with 30 spm; 2 times.																						
	(21:00-24:00) Continue work pipe, over pull 800-1000kN and slack off 500kN. Pump seawater and check pump pressure, gradually increase 180spm x 25.2-28.5 MPa.																						
	While working pipe, apply 38-40 kN-m of HPS torque and release.																						
	Time Breakdown (00:00 - 06:00 On 14-Dec) "The data on 00:00 - 06:00 is unofficial.																						
From 0:00	To 6:00	Hrs 6:00	Code SP	Attemn	Detail of Opera of free pipe.	ation																	
					Continue work	pipe, over pull 200	-500kN, slack	off 400-1000kt	N with 180spm x 27.9	-28.8MPa.													
					Meanwhile, sto	p pump and check	SPP: 14.0MF	-a @3068.7mB	KI.														
						s of Shoe and Coll ded all CSG joint o		CSG and whole	13-3/8*CSG to Shine	ho-maru.													
Bit Record																							
	ize M	IFR Ty	/ре	IADC Code	S/No.	Nozzles	Dept From	h (mBRT)	Meter- age	Hrs.	WO Min.	B (kN) Max		rpm Max.	Total Rev. (krev)	Inn	ier	Outer	Dull	Dull Cor Loc.		G 0.D.	RP
RR3a 10	.625 B	HC BHC	408C	M333	7142020	8 x 13/32	1964.50	3,325.16	1,360.7	21.13	10	80	10	140	145.1								
BHA Record	3 / RR3a	Core bit x Bit Su	b w/ 10-5/8"Sta	ab x RCB C	Core Barrel x Top S	Sub x Head Sub x 10)-5/8"Stab x 8-1	1/2"Core DC(11):	x 8-1/2"Coring Jar x 8-	1/2"Core DC(6	x XO x 5.6	3"HWDP(12	2) x XO						1	Hook Wt. (kl	N) @24:00	3,0	24.0 mBRT 390
Coring Mud Properties	3 / RR38	x 5*DP S-14 42s	tds x 5-1/2" DF	S-150.]	below HWDI below jar	Р		320 220
	i Type	Time	Depth (mBRT)	MW	VIS PV	YV Gel S (10", 1	St. WL	Cake pH	Pf CI-	Sand Oi	Solid	K+	LGS	MBC	Temp	n	К			below jai			220
	WG		(MBRT)	1.04		42 12	13	11.2	 '						In Out	0.38	5.67	-		Hook load			2100
																			Cutting sk	Hook block v ip @24:00	w/HPS		720
Mud Pumps : 14	I-P-220 @	3070.0 mBRT	4.9		n/stroke @97%	Personnel	@24:00		Mud Materials on Bo	ard @24:00hr		eived			(unit: kg) Stock					Load (E)		Empty	0
No. Line	r Size S	PM GI		Press. (MPa)	Ann. Vel. (m/min)	CDEX MQJ Crev	1	95	Item Barite (Bulk)		Rec	eived 0	U	Jsed 0	Stock	408,000				Kaiyu cho-maru	0	Full Back up	0
	6" 6" 1	80 81	96	28.0	DC DP	MQJ (Other MQJ (Add :		2	Kunigel-VO (Bulk) NaOH			0		0		2,000				Offload (F) Kaiyu	0	S.Boat (E / F) @ Shingu	0/0 45
	6*				165 76	MWJ NME	,	19	Lime NaCl			0		0		2,840 31,000				cho-maru	0	total	45
From	To		Lithology o	f cuttings		Scientist,		17	KCI			0		5,000		21,000							
						-	Telnite		Tel-Polymer DX / L / XCD-Polymer	н		0/0/0		0/0/0	5420	825		Heli Inform Flt.	ation	Т	îme		Passenger
							NO\ MI Swaco		Soda Ash KOH			0		0		1,350 3,250		No.	A	rrived	Departed	Are.	Dept.
Shale Shaker No.1 #2) x 3/#110 x 4	INC. A I 2000	x 3/#110 x 4		uge: hrs	; 🗀	AXON SES	0	Bi-Carbonate		1	0		6,000		1,050		2					
No.2 #20	0 x 3/#230 x 4	No.5 #20	x 3/#230 x 4	No.1 No.2	0.00		Vetcogray	y 0	Clean Lube Tel DD			0		3,400		0			E) and other	er information			
	0 x 3/#110 x 4 on Board @24:00	No.6 #20	x 3/#110 x 4	No.3	0.00	Sc	Geoservices hlumberger-CMT		Lignate NC Astex S			0		0		4,800 0		Incident		Last Incident		No. LTA	
	em	Unit Rec	eived 95.1	Used 94.6	Stock 281.1		Schlumberger-DE hlumberger-LWE	0	Treat HS Defoamer 30C / 15			0		0/0		1,680 176/160		LTA HUNS care	de.		22		
Potable Water		m3	0.0	8.7	281.7	Sc	Frank's	в 0	Telnite GXL			0		0		342		Remarks	-3				
Drill Water Fuel		m3 m3	0.0	27.5 51.7	1,210.7 3,265.0	NO	Blohm Voss V-Anderreame		Tel Clean Baracor-100 (gal)		+	0		0		1,232 110							
Lube, Oil Heli Fuel		Ltrs Ltrs	0.0	500.0	76,500.0		Shinsei kougyo Core-IRN	0	Tel Stop G / P Tel Mica C / M / F		1	0/0		0/0/0	450	2160/1000		Marine Info Heave (m)		24:00			0.5
Cement "G"		ton	0.0	0.0		Total	Cure-IRN	151	Tel Plug C / M / F			0/0/0		0/0/0	150	0/3000/500		Pitch (deg)					0.5
Boat Information Boat Nar		Status @04.00		Time @	@Chikyu	М	ud Volume (m3	3)	Tan Cal C / M / F / F EZ Spot	F	+	0/0/0/0		0/0/0	2700/2010	550		Roll (deg) Vessel Hea	ading (deg)				0.2 238
DOST NOT		Status @24:00	D	eparted Arrived		Kill Mud (1.30sg) 100 KNPP (1.07-1.12sg) 88			Speeder P / X Rester			0		0	0 1,		1,700/1,700 0		Riser Tension (kN) V.D. Load (Moon)				12158.0
Shinchou-maru Hakuryu-maru		Chikyu				SWG (1.04sg)		92	2 Telnite OS-5		0			0		120 100		Max Draug	Max Draught (m) Thruster (kW)			9.0	
Hakuryu-m Weather Informa		Chikyu						141			<u> </u>	0						ı nruster (k	w/)				1800
Time	Weather	Temp.	(degC)		ometer Pa) Spee	Win d (m/s) Dir. (d		t (m/s) Hei	Wav ight (m) Dir. (d		eriod (s)	Speed		urrent Dir. (d		sibility (km)							
24:00 Today's Schedu	bc le : Confirm	10.0	21.0	103	32.3 1	.4 273.	0 2	2.4	1.0 30		11.7	3.0		68		30.0				D. Ikenomot	o / T. Yokoyama / S	Kataoka	
.outy o ouriedu	Conditi	politicity Ff	Duck Oil.	_ AIII IIIU	recover urling		rom to load t											^	-proved by	corunasti	-		