Chikyu D	AILY MOR	NING REP	ORT		Mi	ssion No. :	CK1	13-04		Exp. No	. <u>:</u>	Exp 348						Report No. :		12	1
	: @24:00			Hole Name : 60.5 mbsf (14.5*)	Prog	C0002P ress : 48.0	m La	Seabed Dep	8.0507'N h: 1,967.5	mBRT	Long.		38.2029'E RT-MSL :	28.5	m			Report Da		12/Jan/2014	
Depth :	: @06:00 Summ	4928 ary of Operation		-Jan : Openi		I" hole to 14-1/2".		ring/Underreaming Hr	s.: 12.25	hrs sume oper	ning to 1		T CASING :	13-3/8"	. ×	1,9	36.50	mbsf(3,90	4.0 mBRT)		
	Present Op	eration @ 06:00 eakdown (00:00	on 12	-Jan : Contin	nue POOI	Н.											_	mBRT: meter below ro mbsf: meter below se			
0:00	1:30	Hrs 1:30	Code RR	Continue replace #	#3 cylinde	r of #1 mud pump						Detail of Ope	ration								
1:30	13:45	12:15	ОН	Circulate 45 Resume opening 1	0gpm x 1	2.8MPa, 80rpm x	13-16kN-m	T (2012 5 - 2060	5 mhef 48m)					Top of And		er cutter ottom of bi	·	LFJ	Angle 0	Deg 0	
1.50	10.40	12.10	011	WOB: 0-201	kN, 140r	pm x 15-36kN-m,	900gpm x 3	35-37MPa. Boost	450gpm x 5.4	MPa.								LMRI	130	0.5	-
				ROP: ave 9. T Gas: Tr, ca		ax 40.8m/hr @490)5mBRT, m	in 2.3m/hr @488	5mBRT.									BOF Bulls ey	170 re reading (0.5 2)15:31	J
				(6:45 - 7:15)		ackoff and stall HI	PS @4902r	nBRT while ream	up. SPP was	increased	900apm	n x 34 to 37MPa	(activate pump	limitter).							
						hut off pump. SPI nce re-start pump	Turan dans	anned alouds													
					R	elease HPS torqui icrease pump rate	e and work	pipe (MAX Over)	oull: 600kN, SI	ack off: 30	OkN) with	h 150gpm x 20.	4MPa. SPP was	decreased t	o 8.1MF	a gradua	lly.				
		<u> </u>				crease pump rate								to neutral we	eight, rel	ease HPS	S.				
13:45	15:30	1:45	SP	Pack off @4928ml	BRT.																
				HPS stall an	nd SPP w	as increased 900g 300gpm x 22MPa			ork nine and n	elease HP	S torque										
				Reduce pun	np rate to	150gpm x 23.2Ml 450gpm x 11.8M	a and wor	k pipe (Max slack	: 200kN, overp	ull: 450kN	I), SPP v	was decreased	to 8.5MPa gradu	ally.							
		ļ				with 450gpm x 11.8M								ck: 300kN), s	everal t	mes.					
						nBRT again, SPP rate to 300gpm x					iar fired)	confirm movin	a RHA								
				Increa	se HPS	speed to 130rpm a	and confirm	free pipe.													
15:30	20:45	5:15	C&C	Sweep 10 m3 of hi Increase pump rate	e to 900g	pm x 33.7-35.0 M	Pa.				ith 550gr	om x 17.4MPa,	120rpm x 15-18k	N-m.							
20:45 21:15	21:15 22:15	0:30 1:00	C&C RR	Spot 20m3 of hi-vi- Trouble shooting of			00gpm x 3	4MPa, HPS 120r	om x 11-17kN-	m.											
21.10	22.10	1.00		Couldn't bre	ak betwe	en saver sub and	drill pipe (6	-5/8"DP Z-140) d	ue to slippage	torque wr	ench die										
22:15	24:00	1:45	Trip	Attempt to b POOH to 4696mB		nection few times,	confirm bre	eak connection.													
				(22:15-23:15	5) O	bserve drag while		RPT (#3 triple etc	nd\												
				350kN @4928 - 4904mBRT (#3 triple stand). Overpulled 750kN @4900mBRT. Connect HPS and ream up with 300gpm x 9.5MPa, 140rpm x 18 kN-m (#2 triple stand). Statut HPS @4007mBPT Starty 250kN and releases HPS																	
				Stall HPS @4902mBRT. Stack 250kN and release HPS Overpulled 700kN @49377mBRT. Connect HPS and ream up with 450gpm x 14.1MPa, 140rpm x 18 kN-m (#1 triple stand). (23:15-24:00) POOH from 4851 to 4696mBRT. No excess drag.																	
				(23:15-24:00	J) P	OOH IIOIII 465 I II	409011151	I. NO excess dia													
				Note: Offload 17ea	a full skip	s to Shincho-maru	and back t	to Shingu.													
				Load 15ea e	Load 15ea empty cutting skips from Shincho-maru. (0:00 - 24:00) DP Status "Advisory " due to unstable signal of No.3 Anemometer.																
					C	heck No.3 Anemo	meter at de	rrick. No.3 Anem	ometer works		could not	find out cause	s. Monitor condit	ions two or th	ree day	s.					
	Timo P	reakdown (00:00	- 06:00 on	Sea current:	Chikyu	0.5-1.4 knot. SW on 00:00 - 06:00 is uni	5 miles 0.5	5-3.2 knot.	ver to surface.												
From 0:00	To 6:00	Hrs 6:00	Code Trip				mou.					Detail of Operation	in								
0.00	0.00	0.00		Continue POOH to 2785mBRT. No excess drag. Elsay cheek @ 3820mBBT_OK																	
				Flow check @3892mBRT - OK.																	

				Note: (0:00 - 6:00) DP status "Advisory" due to monitor anemometer condition.																	
Sea current: Chikyu 1.2knot, SW 5miles 2.3knot, S 17miles 2.1knot @6:00.																					
	Size N	IFR TV		ADC S/No	S/No. Nozzles Depth (mart) Meter- Hrs. WOB (kN) rpm Total Rev.												Dull Condition				
RR8a 12		nith MDi51	I6BPX N	1223 JG7525	15 x 7	5,026.0	To -	age -	-	Min.	Max.	Min. Max.	(kern)	Inn	er	Outer	Dull	Loc. B	G	O.D.	RP
14	4.5" N	OV Ander	reamer	1225-0121	8 x1	3926.00	4,928.00	1,002.0	89.46	0	152	60 150	1,244.0								
BHA Record	14-1/2"	'Rit v hit sub v 1	4 5"∆nderream	er x float sub (w/flapprety	(ne float) v l	3.1/2°DC (1) v 12.3/16	Stah v 8-1/2*	DC (11) v Drilling Jar	v 8-1/2"DC (2) v X	O v 5 68"HW	/DP (12) v	YO					1	Hook Wt. (ken) @ Hook Load		4,928.0) mart 3,070
RR8a	Underream	x 5"DP	S-140 (67stds)	x 5-1/2"DP S-140 (21std	ls) x XO x 5	-1/2"DP S-150 (25stds) x XO x 6-5/8	*DP Z-140										TIOOK EGGG			0,070
Mud Properties	<u> </u>																1	BHA Below Jar			390 300
	d Type	Time	Depth (mBRT)	MW VIS PV	YV	Gel St. (10", 10') WL	Cake p	oH Pf CI-	Sand Oil	Solid	MBC	Temp In Out	~- K+	n	к	LGS		Hook + HPS Hook block			730
	NPP NPP	3:30 16:00	4,886 4,930	1.32 144 52 1.32 160 55		14 20 2.4 15 21 2.5		0.8 0.1 117,20 0.8 0.1 117,20		15.0 15.0	2.00	15 12 14 11	37,700 33,000	0.51 0.51	5.16 2.83	2.8		Jar Rotating time Today 5	S/N: .12 Total	1762-1353 164.53	hrs
Hi Mud Pumps : 1	I-vis I4-P-220 @	Hi-vis 4926.0 mBRT	5.00	1.32 290 68 gallon/stroke @97%		21 32 ersonnel @24:00		Mud Materials or	n Board @24:00hr	s			(unit: kg)	0.50	7.24			Cutting skip @24:00 Empty		Full	Total
No. Line	er Size S	PM GI		ress. Ann. Vel. MPa) (m/min)		DEX QJ Crew	100	Item Barite (Bulk)		Rece	eived	Used	Stoo	k 117,000	1			ROV 30		7	37
2	6" 6" 1	80 90	00 3	4.6 DC DP	M	QJ (SC,Other) QJ (Sub sea & Hyd)	1 2	Kunigel-VO (Bull NaCl	()					10,800 10,000				Status Last Dive		On Deck 1/10/14	
3 Geologic Inform	6" mation			40 37		WJ cientist	17	KCI Tel-Polymer DX	L/H		0/720/0	300/100/	0 :	3,000 3580/1600/1300		Heli Infor	mation	Injection Skid	16	/66	gal
From	То		Lithology of	cuttings		Inite	2	XCD-Polymer Soda Ash						0 1,275		Fit. No.			eparted	Passe Are.	Dept.
					So	ceaneering chlumberger-CMT	3	KOH Clean Lube			1,600	150 1,600		1,850 5,600		2		9:14	9:24	6	6
	10, #230 x 2		0, #200 x 2	Centrifuge: hrs No.1 8.17	G	_B WL eoservice	6	Tel Clean Bi-Carbonate						1,000		3					
No.2 #10, #200 x 2 No.5 #10, #200 x 2 No.2 off Velco 1 No.3 #10, #200 x 2 No.6 #10, #200 x 2 No.3 off Weatherford (CSG) 4					4	Lime Defoamer 30C						1,240 192		Safety (H	ISE) and ot	her information Last		No. LTA			
Item Unit Received Used Stock NOV Ar					I-Swaco DV Anderreamer	1	Telnite GXL Tel DD						162 3,200		LTA			eb/2013			
Fresh Water m3 90.8 95.0 281.0 Potable Water m3 0.0 10.5 209.9 Drill Water m3 0.0 33.5 790.6				В	aker (Liner Hanger)	2	NaOH Lignite NC						2,000 500 / 1000		HUNS ca Remarks		20				
Unii water m.3 U.U 3.3.5 790.6 Fuel m.3 U.U 54.8 2,414.4 Total 155 Lube, Oil Ltrs U.U 500.0 43,700.0							Tel Stop G / P Tel Mica C / M /						7 / 1,000 / 1,000								
Heli Fuel Ltrs 0.0 0.0 0.0 Mud Volume (m3)							3) 162	Tel Plug C / M / I Tan Cal M / F / F EZ Spot						00 / 1,200 / 980 4230 / 4500 / 0 550		Marine Ir Heave (n	formation (B24:00		0.1	
Cement "GWC" ton 0.0 0.0 0.0					KNPP mud (1.32) KNPP mud (1.28)	152	Speeder P / X Baracor-100 (ga)					1700 / 1700 0		Pitch (de Roll (deg	g)			0.1 0.1 0.1		
Boat Information		Status	Dec	Time @Chikyu	1 E	LCM 20% (1.13)	24	Astex S Treat HS	7					2,400 2.160		Vessel H	eading (deg	3)		270	0
Kaiko Shinchou-r		Chikyu Chikyu				Hi-vis (1.32) 72 Xanvis KNPP (1.60) 13 Telnite OS-5					700 25 1,1				Riser Tension (kN) V.D. Load (Moon) Max Draught (m)					9945 9.0	5.3
Hakuryu-n Weather Inform	naru Cun	ent survey, S 10				total	504	Telnite HEC						0	j	Thruster				139	
Time	Weather	Temp.	(degC) SW	Barometer (hPa) Spee	d (m/s)	Wind Dir. (deg) Gu	st (m/s)		/ave (deg) Pe	riod (s)	Speed(Current (knt) Dir	. (deg)	Visibility (km)							
24:00	bc	7.5	15.4		.1		2.7			5.5	0.8		138	22.0]	F	eported by	D. Ikenomotoa / T. Yol	oyama / S. Kı	itaok	