Chikyu Site Name			NG REP				No. :		24-0		<u> </u> 4°04.1135'E	Exp. No. : Seab	405 ed Depth :	6,957.0	mBRT	R	T-MSL :	28.5 1	m		ort No. : port Date	:	11/Nov/2	66 024
Depth :	@06:00		mBRT 92 mBRT 01 10-	mbsf		AST CAS	57.0 SING : #5 - #1			x	/Underreami mbs	ing Hrs. : if(21.00 hi mBRT)	rs									-	
Tin From	ne Breakdov To	vn (00:00 - Hrs	on 11- 24:00 on Code	10-Nov Depth(mBRT)	Replace)										Operation						meter below eter below s		le	
0:00	2:15	2:15	CORE	7,001.5	Con Pun	itinue to	run #5	HPCS/A	PCT-3	3 inner b	arrel (C00 20.6MPa	5mBRT (3 026E-5H). to shoot H	PCS at on	bottom	, but not	success.								
					Pick Pick Rec	up 0.5 up by over in	m off bo coreline ner barr	ttom and with 15k el to surf	l pum N OP ace (8	np again Pand ass 8.87m/9.	w/200gpr sist by DW 5m 93.5%	n and shoo / with 370k ⁄ recovere	ot HPCS, f N OP. Sta d).	ull pene irt to pic	etration w ck up core	th 20.6Ml line w/o 0	Pa. Wait OP when	10mi bit d	ns for epth is	APCT 6,982	-3 measu 2.5mBRT(rement. 9.5m of	f bottom).	
2:15	3:00	0:45	DRL	7,001.5	Drill dow	n from	6,992.0	to 7,001	.5mBl	RT (35.0)-44.5mbs			HPS 15	- 20rpm	x 0.1-2.0l	kNm, WO	B 0-	30kN,	Ave.R	OP 15m/	nr		
3:00	3:45	0:45	CORE(N)	7,001.5	Prepare	#6 HP0	CS/APC	Γ-3 inner	barre	el (C0026	6E-6H).	uble with ir		ston roo	d, on goin	g.								
3:45	6:30	2:45			Con	tinue to	prepar	e next in	ner ba	arrel, tak	e a time t	o insert pi 0mBRT (4		ıbsf)										
					Run Pun	1#6 HP np 2000	CS/APC ipm and	T-3 inne shoot H	r barro PCS a	el (C002 at 0.5m o	6E-6H). off bottom	, full pene / with 350k	tration with	n 19.9M							2.5mBRT	(8.5m o	ff bottom)	
6:30	7:30	1:00	DRL	7 011 0	Rec	over in	ner barr	el to surf	ace (9	9.77m/9.		% recover												
					MP	250apr	n x 2.1-	2.4MPa.	HPS 2	25rpm x	0.1-3.0kN	lm, WOB (026E-7H))-20kN, A\	e.ROP	28.5m/hr					· • · · · · · · · · · · · · · · · · · ·				
7:30	9:45	2:15	CORE	7,020.5	Run	#7 HP	CS/APC	T-3 inne	r barr	el (C002	6E-7H).	5mBRT (5			IPa Wait	10mins fo	or APCT-:	3 me	asure	ment	•••••••••••	•••••••	•••••••	••••••••••
					Pick	up by	coreline	with 15k	N OP	and ass	ist by DW	/ with 395k % recover	N OP. Sta	art to pi	ck up cor	eline w/o	OP when	bit c	lepth i	s 7,00	3.0mBRT	(8.0m o	ff bottom)	:
9:45	11:45	2:00	DRL	7,020.5	MP	250gpr	n x 2.1-	2.5MPa,	HPS 3	30rpm x		sf) Im, WOB (out 3m3 o				a		· · · · · · · · · · · · · · · · · · ·						
11:45	14:30	2:45	CORE	7,030.0	Cut #8 H	IPCS co	ore (C00		from	7.020.5	to 7.030.	0mBRT (6						•••••		••••••			••••••	
	•••••••				Pun Pick	np 200g cup by	pm and coreline	shoot H with 15k	PCS a N OP	at 0.5m o and ass	off bottom sist by DW	, full pene / with 350k % recover	N OP. Sta	n 18.2M art to pi	IPa. Wait ck up cor	10mins fo eline w/o	or APCT-: OP when	3 me bit c	asure lepth i	ment. s 7,01	2.0mBRT	(8.5m o	ff bottom)	······································
14:30	15:00	0:30	DRL	7,030.0	Drill dow	n from	7,020.5	to 7,030	.0mBl	RT (63.5	- 73.0ml	osf, 9.5m). Im, WOB (ω PΩ	0.27m/br			· · · · · · · · · · · · · · ·						
		4.45		7 020 0	Mea	anwhile	, prepar	e #9 HPC	CS inn	ner barre		E-9H), but				ıb asseml	bly jamm	ed at	pisto	n rod.				
15:00	16:15	1:15	CORE(N)	7,030.0		e out o	uter she	ar pin se	al sub	b asseml		oserve no wiper. Loa				. Replace	seals an	d as	sembl	e the s	ame with	the pist	on rod.	
16:15	17:15	1:00	CORE	7,039.5	Run	1#9 HP	CS inne	r barrel (C002	6E-9H).	*No APC	5mBRT (7 Γ-3 due to	under pre	paratio										
					Pick	up by	coreline	with 15k	N OP	and ass	sist by DW	, full pene / with 400k				HPCS in	ner barre	el.						
17:15	18:15	1:00	DRL	7,039.5	Low Star	er bit to	bottom	w/CMC 00gpm x	on w/ 1.0MF	/o pumpi Pa and r	otation w/	tation and 10rpm w/0		it taggir	ng to botto	om(7,030	.0mBRT)	by ta	aking	30kN v	veight.			
					[1st	MP 1 After i	00gpm eaching	x 1.1-4.7 y 7,033.0	MPa, mBR1	HPS 10i T, stop p	rpm x 0.1 umping, r	osf, 3.0m) -2.8kNm, \ otation an	d lock CM	C.				reas	es gra	adually	······································	•••••••	······································	
					[2nc	d overd 7,033	rill] 7,03 .0 - 7,03	3.0 - 7,03 4.0mBR	36.0m T (76.	BRT (76	6.0-79.0m mbsf), MF	, but fail to bsf, 3.0m) 2 100gpm	x 1.0-6.0N	ИРа, HF	S 10rpm	x 0.1-7.4l	kNm, WC)B 0-	40kN,	Ave. F	ROP 9m/h	ır		
						7,034 E	.0 - 7,03 Bleed of	6.0mBR pressure	T (77. e bec	.0 - 79.0 ause pre	mbsf), MF essure inc	reases gra 2 50gpm x reases gra	1.0-2.6MI idually.	Pa, HPS					0kN, A	Ave. R	OP 11m/h	ır		
						Pick u	p inner	barrel wi	th 280	0kN of D	umping, r W assist.	otation an Start to pio	d lock CM ck up core	C. line w/o	OP wher	n bit depth	n is 7,026	i.0ml	BRT (4	1.0m o	ff bottom).		
18:15	19:30	1:15	DRL		1	out #9	HPCS ii	nner barr	el for	checking		rod and lo	wer inner	barrel a	are twiste	d: Observ	e no twis	it.				••••••	••••••	
19:30	20:00	0:30			MP	250gpr	n x 2.1-	2.3MPa,	HPS 2	25rpm x	0.1-4.3kN	osf, 3.5m). Im, WOB (30m/hr									
20:00	21:15	1:15	CORE	7,049.0	Run Pun	າ #10 H np 200g	PCS/AP jpm and	CT-3 inno shoot H	er bar PCS a	rrel (C00 at 0.5m o	26E-10H) off bottom	, full pene	tration with	18.2M										
21:15	21:45	0:30	DRL	7,049.0	Overdrill	from 7	,039.5 t	o 7,043.5	mBR	T (82.5 -	- 86.5mbs	/ with 400k f, 4.0m)	N OP, but	fail to p	oick up #1	0 HPCS/	APCT-3 ii	nner	barre					
						rdrill to Wash	7,040.5 1 down 1	7,039.5	33.5m - 7,04	nbsf) with 40.5mBR	i 50gpm x RT (82.5 -	(1.0MPa a 83.5mbsf)	, MP 50gp	m x 0.9	9-1.0MPa	, WOB 0-3	30kN, Ave	e RO	P 20n	n/hr				
						r reach	ing 7,04	3.5mBR	T, sto	p pumpii	ng, rotatic	86.5mbsf) on and lock to pick up	CMC.									e ROP	20m/hr	
21:45	23:00	1:15	CORE	7,049.0	Recover Unio		PCS/AP ker bar.	CT-3 inne	er bar	rel to su	rface.													
23:00	24:00	1:00	TRIP		POOH to 6,840.0mBRT, ongoing.																			
					Mea	anwhile Condi		mination	of FV	WD sinke	er bar soc	ket at Core	etech work	shop a	nd load te	est for soc	ket with t	ōton:	Pass					
0:00	To 5:15	Hrs. 5:15	TRIP	Depth(mBRT)		anwhile	• · · · · · · · · · · · · · · · · · · ·	560.0mE						Detail of 0	Operation									
								hose from the ho			et at abov	e seabed.	••••••		••••••••	•••••••		•••••						
5:15	6:00	0:45	RR		Replace	hydrau	lic eleva	itor with a	anoth	er one d	ue to mal	function, o	n going.											
Bit Record (Bit Siz No. (ir	ze Mi				No. No.		From	(mBRT)		Meter- age	Hrs.	WOB (kN	rpm		Γotal Rev. (krev)	ROP (m/hr)	Inner O	uter	Dull	Loc.	Dull Condi	tion G	O.D.	RP
5 10.6 RR5a 10.6 RR5b 10.6	625 A 625 A	AI SC		- 201	1099 5:	x 17 x 17 x 17	6,957.0 6,957.0 6,957.0	6,963. 6,973. 7,049.	0	6.5 16.0 92.0	0.47 3.58	0 3		40 30	0.80 3.27	34.0 25.7				I I I - M	h (lt) @04	-00	0.044.0	
BHA Record		6-1/2 Cole 1 (93etde) x XO#3 x 5"										ID-165 (30stds								Hook W Hook Lo BHA Below J		.UU	6,841.0	mBRT 3,410 140
Mud Proper		Depth	, , , , ,	P. ()	G Ge	el St.	45'		D.	G -			Temp	V:			FIT 20/40 ((mm)		HPS & CSG/TE	Fraveling blo		S/N:	680
Mud Type	Time	(mBRT)	MW VIS	PV YV	6rpm (10	", 10')	API Ca			Cl- Sand		Ir	Out		n K	LGS	0 min 5	min		Today Motor P Today		Total	S/N:	hrs
No. Liner	Size SF	PM GF	PM (M	ess. Ann IPa) (m/	. Vel. 'min)	MarE3 MQJ Cre	nel @24:0	6 100	Mu	It	s on Board @2 em rrite	24:00hrs Received	d Use		stoc 100,0	00	F	lt. No.		on @24:00 Arrived	Time Depa	arted	Pas Are.	senger Dept.
1 6 2 6 4 6	" 5	55 27 55 2	8	.3 6"DC	5"DP 47	MWJ Scientis Outread	ch	19 26 3	E	Causti Lin	ne				118,0 5,02 5,20	5 0	Bo			@24:00		lo- "	avt- Ci "	
Materials St Ite Fresh Wate Potable Wat	m r	Unit Sto	ock Us 321.9 282.0	sed Rec 59.1 1.7	86.7 0.0	JAMST	EC PR	1	PH	Flow ad volume HG (m3) I mud (m3)	280 46	Marine Info Heave (m) Pitch (deg)	rmation @24	:00		0.3	lbu	ıki (Gı		at) informa	Status Status tion t Incident	_	ay to Chikyu at Shiogama No. LT	
Potable Wat Drill Water Fuel Lube, Oil	ioi	m3 7 m3 4,1	773.0 193.9 4,200	1.7 6.0 41.0 0.0	0.0 0.0 0.0	Sub-co	ntractor V Exp		SW	VG (m3) e-Mix (m3)	135	Roll (deg) Vessel Hea				0.2 0.1 200			ards		1/14/19 32		INO. LI	
Heli Fuel		Ltrs	0.0	0.0	0.0	Total	NuSt					V.D. Load (Max Draug Thruster (k	ton) ht (m)			2484 9.0 88	·E	merge	ency dril		nage control		don ship	
Weather Inf Time	ormation Weather	Air	(degC) SW	Barometer (hPa)	Speed (m/s	Wir	deg) Gι	ıst (m/s)	Height	(m) Dir.	ave (deg) Pe	riod (s) Sp	Curre eed(knt)	ent Dir. (deg)	isibility (km)	Da Cu	ily mulati	ve		ased on the			
24:00 Todav's	c Schedule:	20.0	22.4 POOH to s	1021.3	10.1	19 embly	3	13.6	1.7		45	5.9	0.2	21		22.0				T.Yokoy T.Saruh	/ama, Y.Ois	ni		