Chikyu		<u></u>		n No. :	CK1		_	Exp. No. :						-	ort No. :		93			
	. (24:00 : (26:00 : (20:00			75.5 mbsf 34.5 mbsf	Pro	Lat. ogress : _ .AST CA			Drilling/Corin	-	_	d Depth : 1,9 3.25 hrs	Last BOP PT:	:	1/5/19 1/5/19	Ne	Repo ext BOP PT: ext BOP FT:		8/Jan/2 1/26/19 1/12/19	U19 —
		f Operation	on 7-	Jan : Jan :	RIH to 4,	744mE	BRT. Wasl	n/Ream do		1mBRT. Ac	tivate Z-Re	amer. Drill do					t Glycol 35		1/1/19	_
From 0:00	To 0:15	vn (00:00 - Hrs 0:15	24:00 on Code RR	7-Jan Depth(mBRT)		to troi	ubleshoot	for dolly				Detail of	Operation				mbsf: me	eter below se	ea floor	
0.00	0.15	0.15			Con	duct fu	ınction tes	t of dolly.	ct function	for pipe trip	ping as mu	ch as possible	e (Use exten	d/retract f	unction by	manual	if necess	arv).		
						Beca	use Dolly		n "retract" p			tending by rer								
0:15	5:30	5:15	TRIP		Fill u	ıp eve	ry 15 stan	ds.	BHA from 1											
					Brea	ak circu	ulation and	d check pr)gpm x 10.	9MPa, 450g	ppm x 14.0MF e top of 11-3/		c 16.4MPa	3.		Sensor APWD Resistiv	offset from	3.604 m 4.316 m	
5:30	6:15	0:45	TRIP		Perform I	LWD fu	unction te	st at 3,953	mBRT.			лРа (NG), 55		MPa (NG)			GR IWOB	.,	4.367 m 8.384 m	
6:15	6:30	0:15	OTHER		Perform 2	Z-Rea	mer functi	on check a	at 3,953mB	RT.		pump: 500gp	om (OK), 475	MPa (OK), 450gpm	(OK).	D+I		11.749 m	
6.20	0.45	2.45	TRIP		Rota	ate stri	ng w/5rpn	ո & 600ցք։		pm: Confir	m string rot	om x 5kNm). ates (5rpm x	5.5kNm and	6.0kNm).	Confirm Z	Reame	r cutter b	ock is not	opened.	
6:30	9:45	3:15	IRIP		Take	SCR.	MP#1: 10	00-150-20	0gpm x 390	-480-550p	si, MP#2: 1	00-150-200gp 18 - 18.5kNn		0-550psi.						
								Pump pres PU / SO w	ssure: 400 - eight: 2,87	- 450 - 500 0kN / 2,720	- 550 - 600 kN (w/o pu	- 650 - 700gp mping and ro	om x 12.3 - 1 tating), 2,890	kN / 2,72	0kN (w/60				(w/60rpm and	d 600gpm)
9:45	19:45	10:00	W&R	4,841.0	Wash an	d rean	n down fro	m 4,744m	BRT to 4,8	41mBRT.		WOB Off boto								
					(10:0	(10:00-11:00) Attempt to wash down w/550gpm x 21.0MPa from 4,744mBRT, but observe taking weight of 44kN at 4,762mBRT. Rotate string with 30rpm x 10-13kNm, and attempt to ream down to 4,762mBRT, but observe taking weight of 40kN and string stalled Increase HPS speed to 60rpm x 12-16kNm and attempt to pass bit, but HPS stalled.														
						Reduce pump rate to 400gpm x 12.2MPa and HPS speed to 5rpm x 7kNm, but fail to pass bit by stalling HPS and increasing WOB to 65kN Increase HPS speed to 80rpm x 14-17kNm and attempt to pass bit. Bit can pass through the window once HPS almost stalled.														
					Roller cone bit can pass through window w/o any problem at last BHA, but there is an obstacle to catch PDC bit at the bottom of window. Continue to ream down from 4,762mBRT to 4,786mBRT: WOB 0-10kN, 400gpm x 11.7MPa, 30rpm x 10-12kNm.															
						(11:00-11:45) Prepare NSD stand at Aux well. (11:45-12:30) Wash down from 4,783mBRT to 4,796.5mBRT. WOB: 0-80kN, 550gpm x 20.4MPa. Ream down from 4,796.5mBRT to 4,826mBRT. WOB: 0-40kN, 550gpm x 20.8MPa, 30rpm x 11-16kNm.														
					(12:	30-13:	Ob	serve torq		on (30rpm)		n) from 4,800r						at 4,809.5	5mBRT.	
							Tak	e survey a	at 4,822mBl	RT.	mBRT. WC	DB: 30-60kN,	600gpm x 25	i.1MPa, 1	00rpm x 10	-20kN.				
							45) Take s	survey at 4	and HPS to 1,838mBRT	and calibra	ate down ho	ole tool.								
					(14:	15-19:	Atte	empt to loc	ate origina	l hole, but ι	ınable to er	DB: 0-60kN, 4 nter the hole. down 8-1/2"x	Take survey	at 4,838m	nBRT agair	, and co	nfirm inc	lination wa	as decreasin	g trend.
19:45	20:45	1:00	OTHER	4,841.0	Che	ck PU	mer at 4,8 /SO weigh	34mBRT (nt: 2,875kN	(Bit Depth) N / 2,820kN	, Free rotat	on torque:	60, 100, 120r	pm x 14, 16,							
					Afte	r chase	e w/10min	, stop pun	np for 15mii	n. Resume	pumping w	x 13-17kNm ith 100gpm. T	hen confirm			Reamer	by press	ure increa	se to 8.9MPa	
20:45	24:00	3:15	DRL	4.843.0	Pum	np w/60	00gpm x 2	23.2MPa (p		fore activa	te: 25.5MPa	e shear pin by a). No clear to				due to e	enlarged	nole.		
					WOI	B: 20-9	90kN, HP	S: 80-150r	pm x 14-16	kNm, MP:		3.3MPa. Dow	vnhole WOB:	30-130kl						th)
						Pump 3m3 of 12ppb Fracseal every 1 hour. Survey data (Depth: Telescope sensor depth) Depth Inc Azi (mBRT) (deg) (deg)														
	-				No le	osses	in last 24	hours.							4	,810.46 ,827.23 ,827.50	3.	.01	160.16 148.57 160.63	
Tir	ime Breakdo	wn (00:00 -	06:00 on	8-Jan		_		(Total 104 00 is unofficia	lkg for Kick al.	off hole)						,				
0:00	1:30	Hrs. 1:30	Code LOG(N)	Depth(mBRT) 4,843.0								Detail of ator in Telesco pump with 30		00apm: Is	em count d	nee not	recover			
						orm Ar	nti-Jam pr	ocedure.				m with 2-4mir						serve wea	ak signal som	etimes.
						mpt to	shut off p	ump with	10sec and s	start pumpi		gpm with 3 -4 and 700gpm								
1:30	2:00	0:30	LOG(N)	4,843.0					al from 8bps D: Change I	OWOB and		a intervals from	m 5sec to 6.6	Ssec.						
					Sign	nal nois	se level is	reduced b	y changing	Resistiv	ity & Gamn	na ray are 45s	sec to 60sec.							
2:00	6:00	4:00	DRL	4,854.0	WOI	B: 70-9	90kN, HP	S: 150rpm		n, MP: 600		MPa. Downh	ole WOB: 10	0-160kN,	~~~~~~~	~~~~	~~~~~~~~	·		~~~~~~~~~
					Pump 3m3 of 12ppb Fracseal every 1 hour. Survey data (Depth: Telescop Take a survey at 4,852mBRT. Depth Inc Calibrate DWOB and DTOR. (mBRT) (deg)										nc	Azi (deg)	un) 			
															4	,839.85	3	.18	130.85	
	ize	FR Ty	me l	DC S/	No. No.	zzles	Depth From	(mBRT)	Meter- age	Hrs.	WOB (kN)		Total Rev. (krev)	ROP (m/hr)	Inner Ou	ter Dull		II Condition	G 0.D.	RP
8 8 BHA Record		nith MDi516	SUBPXG M	223 QF	3591 2x11	l, 3x15	4,834.0	4,843.0	9.0	3.26	0 90	80 150	17.81	3.1			Hook W	. (knt) @24:	00 4,843.	0 mBRT
20	8-1/2"x12-											lizer x 6-3/4"DC (1 IF) (3) x XO#6 x 5.					Hook Loa BHA	d	4,643.	2,740
Mud Propert	ties @24:00																Below HV below Jai		ck	250 200 615
Mud Type	Time	Depth (mBRT)	MW VIS		6rpm (10	el St. ", 10')	API Cak		Cl- Sar		I MBC	Temp K+	n K	LGS	FIT 20/40 (n 0 min 5m		Hook + F	RRT		-
KNPP	9:00 17:00	Pit 4,840	1.39 66 1.39 67	26 31 26 30		19 19	7.2 1.1 7.4 1.1							4.80 4.60	15		Today	11.35 skip @24:00	S/N: 1760-2° Total 81.8	
No. Line		PM GF	Pre PM		. Vel.	CDEX		8	Item	ls on Board @	24:00hrs Received	Used	(unit: kg)		1	_	Eı	npty 33	Full 1	Total 34
		0 30	•	6.75°DC	min) 5.5"DP	MQJ C MWJ Scienti		100 15 10	Barite (Bulk) Caustic Sod				454,5 1,20 200	00			ROV @2 Status Last Div		Divin	
	nformation (64	50	T-1-4-			Soda Ash Caustic Pota				2,02	25	_		Injection on @24:00		Dive w/135	
From	То		ithology of o	cuttings			eering	6	Tel-Polymer XCD-Polyme Lignate NC				2,820/1, 925 4,50	5	FI N). <i>A</i>	Arrived	Time Depart		Dept.
Shalo Shak	ker / Centrifu	ao @24:00				SLB W Geose M-I SV	rvices	0 6 4	Clean Lube ' Tel Clean W Astex-S				6,40 800	00	3					
No.1	30, 170 30, 170	No.4	30, 170 30, 170	#1-#3 Cen running		SLB U	nderreamer WD	2 2	Deformer 30 Tell DD			16	640 3,20	כ		ty (HSE)	and other in	formation Last	No. LTA	
Materials S	30, 170 Stock on Boa	rd @24:00	30, 170	13:50-18	8:50 eived	SLB S AFGIo		2	Bi-Carbonate Citric Acid Tan Cal M / I				1,00 2,27 1,020 / 2	75	LTA	IS cords		Incident		
Fresh Wate Potable Wa	ater	m3 2 m3 2	283.0 283.0	79.5 5.0	50.5 0.0	SLB D Franks	D S	0 2 0	Telnite GXL Treat-HS	7 FF			684 9,20	4 00	_	IS cards narks		41		
Drill Water Fuel Lube, Oil		m3 4,7	721.6 3,800	25.5 48.7 0.0	50.5 0.0 0.0	HAL U Total	R	161	Mud Seal P Tel Plug C / Tel Stop P /				500 / 500 500 /	0 / 500	1					
Heli Fuel Cement "G		Ltrs ton 1	0.0	0.0	0.0	Mı	olume@24:0 ud Volume (r	m3)	Barolift Driscal D	(lbs)			1,96 0	35	_		ation @24:	00		
Cement "G Boat Inform	e" mation @24:	ton	97.0	0.0	0.0	KNPI	P (Fracseal) (BAROLIFT)	168	Tel Flow P Poro Seal Steel Seal 5	0 (lbs)			0 0 1,00		Pitc	ve (m) n (deg) (deg)				0.2 0.1 0.2
Boat Na	ame	Status		Time @Chik		KNP	mud (1.25) mud (1.13)	18 174	KCI NaCl				9,00 22,00	00	Ves Rise	sel Headir r Tension	(kN)		9	330 750.0
#8 Meiji-n Akatsu Shincho-r	Jki	Chikyu Chikyu Shingu	3:	:00 19	0:25		PLOSS(1.37) ilug mud total	54 9 799	Fracseal Stopseal Bentonate(B	(lbs) (lbs) ulk)			8,00 0 46,00		Max	Load (tor Draught (ster (kW)				9.0 1160
Weather In			(degC)	Barometer (hPa)) Di-			V	Vave	riod (s) Spe	Current eed(knt) Dir.		/isibility (km)	- <u>-</u>	/		-		
24:00 Today's Sci	bc chedule:	11.0	18.7	1023.5	12.5	26	67 1	3.9	1.0	30	4.4			22.0	_		/: T. Yokoy /: T.Saruha	ama / T.Nish ashi	iyama	