Chikyu		ission			18-04		_		Exp 358							ort No. :		54				
Depth : @24:00 4,990.0 mBR			on 30-	22.5 mbsf -Nov :	F Pro	Lat. 33* 18.0997N Long. 138* 38.2039°E Seabed Depth: 1,987.5. mBRT RT-MSI Progress: 0.0.0 m Drilling/Coring/Undernaming JHs.:: 0.00 h ms. Last BOP PT: 11/1981* LAST CASING: 11.348* × 2.322.50 mbff 4.890.0 mBRT, Last BOP FT: 11/2911 are down from 4,917mBRT to 4,955mBRT. Ream up 10.4,860mBRT. Replace IBOP. DP function test. Take survey. Activate Z-Reamer. Open to 12-1/4*hole to 4,903mBRT.							5/18	18 Next BOP PT: 12/6/18								
From 0:00	To 6:15	vn (00:00 - Hrs 6:15	Code W&R	29-Nov Depth(mBRT) 4,990.0) Continue	to ream	n down fro	om 4.91	17mBR	Γ to 4.935	5.5mBR	:	Detail	of Ope	eration				mbsf: m	eter below s	ea floor	
					Star Incre Obs	B: 0-50k idpipe p ease pui erve slic	N, HPS: ressure of mp rate to ahtly HPS	70rpm rops fro 500gp stall at	x 15-30 om 14.5 om x 15 fter incr	kNm, MP MPa to 1 8MPa fro easing pu	2: 400-50 12:4MPa om 4,91 ump rate	0gpm x 1 with 400	nd increase m.	8mBF	RT (unplugging torque from 1			Nm.				
					Star Obs	idpipe p erve sta	ressure c	rops fro	om 12.6 increa	MPa to 1 se from 1	11.6MPa 1.2MPa	(unplugg to 12.4MF	ng bit nozzl		at 4,934mBRT.							
6:15	6:45	0:30	W&R	4,990.0	Pun Continue	to ream	of 12ppb f down fro	racseal om 4,93	l_after_c 35.5mB	onnection RT to 4,9	and dri 40mBR	led at sin	ale ioint.									
					WO Pick	erve tak B: 0-85k up strin	ing weigh	it from 70rpm n 4,938	4,935.5 x 14-26 3mBRT	mBRT to kNm, MF to 4,933r	4,940m P: 400gp mBRT, a	BRT. n x 11.4-1		n to 4	,940mBRT.							
6:45	7:30	0:45	W&R SP	4,990.0	Continue	to ream B: 0-10k	n down fro N, HPS:	m 4,93	35.5mB	RT to 4,9	41mBR	n x 11.2N	Pa.									
7:30	8:00	0:30	SP	4,990.0	Work pip Obs Stal	erve pa	41mBR1. ck off stri nd pressu	ng. ire incre	ease to	19.4MPa	 1.											
					Pick	up strin		4.5mBF	RT, and	start rota	ation to 7	Orpm x 16	i-19kNm. 400gpm x 1	1.5M	IPa							
8:00	10:45	2:45	W&R	4,990.0	Resume WO	to ream B: 0-10k	down fro	m 4,93 70rpm	5.5mBF x 14-30	RT to 4,95 kNm, MF	55mBRT 2: 400gp	n x 11.2N										
		Pump 3m³ of 12pob fracseal at every connection. HPS stall @444mBRT by increasing pump rate to 410gpm (Pressure increase to 13.5MPa w HPS stall @4,950.5mBRT. Observe pressure (From 11.7MPa to 13.1MPa) and HPS torque inc											when HF	S stand	all) HPS stall.							
10:45	13:45	3:00	W&R	4,990.0	Ream up	to from	4,955mE	RT to	4,880m	BRT.			eed to 30rpi					data (Depth:		sensor depth) Azi (deg)	
					Take	3 inclin	nation sur										1	4,923.284 4,908.089		3.16 3.90	136.16 143.14	
13:45	23:15	9:30	RR	4,990.0	pres	mpt to e sure to	36MPa. 0	hange	surface	e line via	standpip	e without	NSD manifo	old ar	ease in standp	а	bove	Telescope.	culate due		138.82 interference as	s no NMDC
					Dec	sion ma	ke to cha	inge ou	t IBOP	to new or	ne. POC	H 8-1/2" :	sed position 12.1/4" hol ring casing	le ope	able to open the ening BHA from ow	e IBOP m 4,880i	manı mBR	ally due to T to 4,848n	too tight BRT.Re	sleeve. place IBO	P	
						- Boos	operation t riser at	s while 350gpm	replaci with b	ng IBOP: ooster lin	e and ch	oke line.						 				
23:15	0:00	0:45	BOPE	4,990.0	Function	test BO	P by Blue	POD 1	from TF	panel (a	innulars	and rams			s - no change	in falled	valve	e status.				
						Offline	Activities					over 18n	n/s of windo	w spe	eed.							
						-	Receive	1x Z-Re	eamer fi	rom Shine	cho-mar	J.	quipment or	decl	k.							
Ti	ime Breakdo	wn (00:00 -	06:00 on	30-Nov) * The		nagnet: 7			Bkg)												
0:00	To 1:00	Hrs. 1:00	Code BOPE	4,990.0			n test BC						Detail and rams).	of Ope	eration							
1:00	3:15	2:15	TRIP	4,990.0	Take Incl	ination s	survery at	9 poin	ts.				075DDT	4 00	Owner 4 oos		4 000		00 5-00	······································		
				ļ I	Pun	p w/450)gpm x 13	3.2MPa	l.						0mBRT, 4,885 5, 4880, 4885,				92.51116			
3:15	4:30	1:15	OTHER	4,990.0	Activate Pun		er at 4,89			Pa.												
					Dro	ball an	O weight d chase pump ra	oumpin	g with 5	00gpm x	16MPa	and 10rpi	(60-100rpm n x 14-16kN	n x 18 lm 15	3-20kNm) and 5 5min.			que (60-10				
					Incre	ease pu	mp rate to e pressur	150gp	om x 10	.3MPa af	fter pum	oing w/50	pm 20min.				4	Depth (mBR 4843.469	r) Inc	c (deg) 1.79	Azi (deg) 17.25	
4:30	30 6:00 1:30 OH 4,990.0 O					Dpen 8-1/2" to 12-1/4" hole from 4.894mBRT to 4.903mBRT. WOB: 0kN, HPS: 40rpm x 15-16kNm, MP: 600gpm x 20MPa.											5 6 7	4848.563 4853.569 4858.694		2.52 2.85 3.52	267.06 223.37 85.40	
					Pun	Pump 3m3 of 12ppb fracseal when start opening hole. Observe HPS torque increased from 4,900mBRT gradually. HPS: 40rpm x 15-22kMm, Downhole torque: 40rpm x 5-6kNm.											9 10	4863.046 4868.724 4873.143		3.66 3.81 3.85	337.00 145.56 135.53	
					·	Hr-S: 4urpm x 15-2zkvin, Downhole torque: 4urpm x 5-skvin. Stall HPS at 4,902mBRT and increase 60rpm x 16-30kNm.											11 12	4875.018 4883.362	3	3.83 3.64	98.64 139.16 NMDC above Teles	
	ize M	FR Ty		ADC S/	No. No	zzles	Depth (Meter-	Hrs.	WOB (kn			Total Rev.		Azmun		Dull Con	dition		
RR4b 8		nith Axeblas		ode I323 QF	3233 3x12/3	2, 3x13/32	From	То		age		0 8			(kern)	Inner		Outer Dul		B B	G O.D.	
#13	8.5"x12.25"				x arcVision6 (3) x 8*Jar x 8						1) x Z-Rean	er x Float su	w/non-ported fl	loat x 6	8-3/4"DC (11) x XO x	×			Hook Lo BHA Below H		00 4,837	3,154 360
Mud Propert	ties @24:00																		below Ja	ar Traveling blo	ck	290 230 620
Mud Type KNPP	Time 5:00	Depth (mBRT) 4,930	MW VIS 1.37 62		12 10	15	API Cake 3.0 0.6	9.9	Pf Cl	000 0.60	Oil Solid		8 20,9	900 0	0.40 3.89	3.10	0 min	60		lock ating time 24:		
KNPP KNPP Mud Pumps : 1-	13:00 19:00 4-P-220	4,880 4,848	1.37 61 1.37 64 5.00	23 37 25 34 gallon/stroke	12 11	16 Personn	3.0 0.6 3.0 0.6 el @24:00		0.1 132,0 0.1 132,0 Mud		17.0 17.0 n Board @	0.75	1 8 20,9 7 20,9	900 0		3.30	18	57 48	Cutting	0.00 skip @24:00 mpty	Total 23.0	Total
No. Lines	r Size SI 6"	PM GF		MPa) (m/	n. Vel. /min) DP	MQJ Cre MQJ (Ot		9 103 0		n e (Bulk) stic Soda		Receive	d Used		Stock 629,000 1,200				ROV @	40 24:00	1 Divi	41 ing
3 6	ooster) 6" nformation (224:00		0	0	MWJ Scientist	1	15		Ash stic Potash				25	200 1,825 2,475			Heli Informati	Last Div Injection on @24:00	n Skid	11/27	7/18 35 /135 gal
From	То		ithology of	cuttings		Telnite Oceanee SLB Cer		6 2	XCD	olymer DX -Polymer ate NC	/L/H				3780/2000/0 1,850 4,500	0		Flt. No.	Arrived 9:05	Depart 9:15	ed Are.	Dept. 9
Shale Shale	ker @24:00			Centrifuge	: hrs	SLB WL Geoserv M-I SWA		6 4		n Lube W lean W k-S				1	9,000 6,400 5,300			3 4	11:15	11:25	5 9	7
No.2 20,	, 50 x 2ea , 50 x 2ea Dummy x 2	No.5 30,	50 x 2ea 50 x 2ea	No.2 0	off off	SLB Und SLB LWI SLB Seit		2 2	Tell E	rmer 30C DD arbonate				=	368 3,200 1,250			Safety (HSE) Incident	and other i	Last Incident	No. LT/	A
Materials S	Stock on Boa em	rd @24:00 Unit Sto		sed Rec	eived 103.0	AFGloba ENVENT	I TURE	2 4 2	Citric Tan (Acid Cal M / F / F te GXL	F			#	2,275 1,020 / 210 / 5 684	510		LTA HUNS cards Remarks		20		
Potable Wa Drill Water Fuel		m3 2 m3 1,6	91.0 84.0 859.9	7.0 13.0 48.7	0.0	Franks		4	Treat		F			+	9,200 130 500 / 500 / 50	00						
Lube, Oil Heli Fuel Cement "G	wc*	Ltrs 107 Ltrs		200.0	0.0	Mud volu	ume@24:00 I Volume (m		Tel S Balol Drisc	top P / G ift				#	500 / 260 105			Marine Inform	nation Co.	-00		
Cement "G	"	ton	97.0	0.0	0.0	KNPP r	mud (1.33) mud (1.37)		Tel F Poro	low P Seal				#	0 2,310 4,750			Heave (m) Pitch (deg)	auuli @24			0.4
Boat Na		Status		Time @Chik	yu rived	Slu	g mud	16	KCI NaCi				+	200	11,000 28,000			Roll (deg) Vessel Headi Riser Tension	(kN)			0.1 030 9600.0
#8 Meiji-n Akatsu Shincho-r	ıki maru	NE 5mile Shingu Chikyu	1:	2:00	3:45	t	otal	488	Stop Bent)		3,0	JUU	4,000 8,000 46,000			V.D. Load (to Max Draught Thruster (kW)	(m)			9.0 800
Time	Weather	Temp.	SW	Barometer (hPa)	Speed (m/s				Height (n		leg) Per			Dir. (de)		_				
24:00 Today's Sci	bc hedule:	15.0 Cont. open	19.9 8-1/2" to 1	1023.2 2-1/4"hole to	8.9 4.949.5mBl	358 RT. Circula	_	ttoms up	2.0 POOH t	n surface	, ; :	5.7	0.5	340	22.0	,		Reported b Approved b		ıki / T. Yokoya	ama	