Site Name	u DAILY e <u>C0024</u> : @24:00		Hole Name		IA		n No. : 33° 02' 02.6 297.5	379"N		136° 47'	23.9464'E		Exp 358 Depth : 3,8 74 hrs	70.0 mBRT Last BOP PT:	RT-M	SL :	m	Report No. : Report Date	: :	153 9/Mar/2019	
Depth : Pre	: @06:00 Summary c esent Operati	4,728.0 of Operation ion @ 06:00	mBRT 85 on 8-1 on 9-1	8.0 mbsf Mar : Mar :	LA	AST CAS	sing: <u></u> wn 8-1/2'	LWD hc	x ole at 4,6	88.5mBf	mbsf(		mBRT)	Last BOP FT:			Next B0 Last Gly m	DP FT: col 35gal Inj. BRT: meter belo	,		
Ti From 0:00	ime Breakdov To 1:45	wn ( 00:00 - Hrs 1:45	24:00 on Code DRL	8-Mar Depth(mBRT) 4,421.0									ssel move				m R contacted dir n3 x 2times pe		R rotation		ormal
1:45 2:00 2:30	2:00 2:30 4:15	0:15 0:30 1:45	OTHER OTHER DRL	4,421.0	Take surv Perform N	vey #1 NSD co	4 onnection	. Vessel	move to	ward to c	opposite	way from I	P/RGR cor	ntacted positio	on and stop v	vesse	el 10m away fi R contacted dir	om well cent	er.		
4:15 4:30	4:30 5:00	0:15 0:30	OTHER	4,460.0 4,460.0	WOE Take surv Perform N	3: 0-40 vey #1 NSD co	kN, HPS: 5 onnection	110rpm : . Vessel	x 0-12kN move to	Im, SPP: ward to c	:500gpn opposite	n x 10.5MP way from [	a, Set Auto ( )P/RGR cor	driller:21m/hr, ntacted positio	Pump swee	ep 5n vesse	n3 x 2times pe el 10m away fi	er stand(SPP:	9.6MPa the er.	n back to r	iormal
5:00 7:15 7:20	7:15 7:30 8:00	2:15 0:15 0:20	DRL OTHER	4,499.0	WOB Take surv	3: 0-30 vey #1	kN, HPS: 6	110rpm :	x 0-16kN	Im, SPP:	:500gpn	n x 10.7MP	a. Set Auto	driller:21m/hr	Pump swee	ep 5n	R contacted dir n3 x 2times pe	r stand(SPP:	9.3MPa the		iormal
7:30 8:00 9:45	9:45	0:30 1:45 0:15		4,535.0	Continue WOB	to drill 3: 0-40	8-1/2" L\ kN, HPS: 7	VD hole 110rpm	from 4,49 x 0-16kN	99mBRT Im, SPP	to 4,53	5mBRT (Ve n x 12.2MP	essel move a. Set Auto	1.5m/10min to driller:21m/hr	ward to DP/ Pump swee	/RGF ep 5n	el 10m away fi R contacted dir n3 x 2times pe	ection for RG r stand(SPP:	GR rotation s 11.1MPa th	smoothly) ien back to	norm
10:00 10:30	10:30 12:15	0:30 1:45	OTHER DRL	4,535.0	Perform N Continue	NSD co to drill	onnection 8-1/2" LV	VD hole	from 4,5	35mBRT	to 4,57	7mBRT (Ve	ssel move	1.5m/10min to	oward to DP/	/RGF	el 10m away fi R contacted dir n3 x 2times pe	ection for RC	R rotation		norma
12:15		0:30			Take surv Perfo	vey #1 orm NS	8 SD conne	ction. Ve	ssel mov	ve toward	d to opp	osite way fi	om DP/RGF		osition and s	stop v	vessel 10m av				
12:45	15:00	2:15 0:30	DRL		WOB	3: 0-90 erve lo	kN, HPS: ng period	110rpm :	x 0-18kN	Im, SPP	:540gpn	n x 12.7MP					R contacted dir n3 x 2times pe				norm
15:30	19:00	3:30	DRL		Perfo Continue	orm NS to drill	SD conne	VD hole	from 4,6								vessel 10m av GR contacted (			n smoothly)	)
					At 4,6 Recip	626mB procat	RT, when e x 2time	all 10m3 s until to	sweep co rque and	ome out fi d pressui	rom bit, ( re decre	observe torq ase to 4-10	ue and press kNm(120rpr	m) and 14.6M	o 26kNm and IPa(540gpm)	18M ) thei	Pa (Downhole n pump sweep	5m3	from 1.05sg	to 1.11sg)	
19:00	19:30	0:30	OTHER	4 655 5	(Fron	m 4,62 3: 0-70	6mBRT to kN, HPS:	0 4,655.5	5mBRT)	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~					~~~~~		back to 1.05s n3 x 1time(SP	*******	nen back to	normal)	
19:30	24:00	4:30	DRL		Perfc Continue	orm NS to drill	SD conne	VD hole	from 4,6	ve toward 55.5mBF	d to opp RT to 4,6	osite way fi 688.5mBRT	om DP/RGF (Vessel mo	R contacted p ove 1.5m/10m	osition and s in toward to	stop v DP/F	vessel 10m av RGR contacted	vay from well d direction for	center. RGR rotati	ion smoothl	ly)
					At 4,0 Rear	660mE ming u	BRT, obse p and dov	erve torq vn x 3tin	ue and p nes until	ressure torque a	increase and pre	e to 22kNm ssure decre	110rpm) an ase to 2-9ki	Nm(110rpm) a	)gpm). Dowr and 12.2MPa	nhole a(540	ECD increase Ogpm)				
					PU w Pumj	v/100k ip swee	N then st ap 5m3 a	art rotate nd contin	(confirm	pipe free rocate x	e w/60rp 1time w	om x 3-10kl	lm) then sta	art pump 540g	pm x 13.5M	Pa	top pump. Dov n ECD back to		1.10sg.		
			••••••		WOE At 4,6	3: 0kN 688.5r	, HPS:11( nBRT, ob	0rpm x 0- serve tor	-12kNm, rque and	SPP:540 pressur	Ogpm x e increa	12.9MPa. S ise to 26kN	n and 15MF	Pa (Downhole	ECD increa	se fr	x 2times(SPP: om 1.05sg to g) then reduce	1.10sg)			
					Conti	tinue to	o reciproc								a. Ongoing(I	Dowi	D decrease from hole ECD 1.1	0sg)			3m3
						Cond		on test IF	R#B with	NOV en	gineer.	Confirm all	unction goo	od. OK	•••••••	No -	v data (Depth: Depth (mBRT) 4,403.00	Telescope se Inc (deg) 5.52	Az (deg 262.0	i g)	
		· · · · · · · · · · · · · · · · · · ·				draracl Find I R&RG	Hydrarack	er #1 tai	l arm gui	ide head	malfun	ction. Maint	enance ong	oing	#	14 15 16 17	4,403.00 4,442.09 4,481.48 4,520.43	5.79 6.33 6.69	263. 263. 263.	71 42	
						Magn Contii	us effect nue to gre	ease up F	RGR suff	ficiently v	vhile co	~~~~~	e to high sid	de force.	# #	18 19 20	4,559.50 4,598.69 4,637.50	6.97 7.31 7.84	261. 265. 264.	56 11	
From	Time Breakdo To	Hrs.	Code	9-Mar Depth(mBRT)			00:00 - 06:0						Detail	of Operation							
0:00	2:30	2:30	OTHER	4,688.5	Ream After	n up ar r reami	nd down fu ng full sta	II stand w Ind for 3	/hile pum times, S	ping swe PP and I	ep w/80r ECD de	crease to 9	9MPa and 1	1.052sg.			serve drag 150 crease to 1.19		674mBRT ai	nd 4,669mB	RT.
2:30	3:00	0:30	DRL	4,695.5	Stop Rean	pump ning up	and releas	e torque. n full stan	Apply ov d for 3 tin	erpull 40 nes and c	0kN and confirm E	confirm strir CD decreas	ig free. PU a e from 1.12s	nd string pack g to 1.057sg a	ed off again a nd SPP from	at 4,6 13.3	71mBRT. Apply MPa to 11.2MF RGR contacted	/ overpull 200i 'a.			
3:00	3:30	0:30	OTHER	4,695.5	Take surv Wipe	vey #2 e full st	1 and prior	to taking	ı survey.					o driller:15m/h							
3:30	6:00	2:30	DRL	4,728.0	Continue WOB	to drill 3: 0-40	8-1/2" L\ kN, HPS:	VD hole 1 110rpm :	from 4,69 x 0-16kN	95.5mBF Im, SPP:	RT to 4, 540gpn	728mBRT ( n x 13.3MP	/essel move a. Set Auto e	e 1.5m/10min driller:21m/hr,	toward to D Pump swee	P/RC ep 3n	vessel 12m av GR contacted on 3 x 3times pe ng and ECD d	direction for F r stand(SPP:	RGR rotation 11.8MPa th	en back to	
			•••••											g up and dow	n, on going. Sι		<u>/ data (Depth:</u> Depth			)	
																21	(mBRT) 4,677.27	(deg) 8.43	(deg 264.3		
lo. (	Size (in) M		rpe Ce	ode	No. Noz	zzles 2, 3 x 15/32	Depth From 3,870.0	(mBRT) To 4,688.5	Met ag 5 818	ge	Hrs. 35.27	WOB (kN) Min. Max. 0 90	rpm Min. Max. 30 120	Total Rev. (krev) 191.67	ROP (m/hr) In 23.9	iner	Outer Dull	Dull Cond Loc. B	lition G	O.D.	RP
HA Record	rd @24:00 LWD				on675 x TeleSc 3/4" DC (4-1/2							ion-ported sub) s)	xO#2				H	ook Wt. (knt) @2 ook Load HA	4:00	3	mBRT 3,304 270
	rties @24:00	Depth			_ Gel	1.64		······				Te	mp		EI	T 20/40	be H	elow HWDP elow Jar PS & Traveling b pok + RRT	lock		220 180 620
Mud Type KNPP KNPP	<ul> <li>Time</li> <li>7:30</li> <li>8:00</li> </ul>	(mBRT) Act#4 Res#2	MW         VIS           1.35         51           1.36         32	PV         YV           22         16           23         17	6rpm (10", 4	, 10')	API Cake	pH P 12.2 12.2	Pf CI-	Sand C	Dil Solid		Out K+	n K 0.66 0.62 0.66 0.67	LGS ~~~	min	5min H Ja	ook block ar Rotating time 2 oday 20.35	Total	679	145 hrs
	er Size SI	_	PM (M	IPa) (m/	n. Vel. /min)	CDEX MQJ C	nel @24:00 rew	8 102	Item Barite (I		Board @2	4:00hrs Received	Used	(unit: kg) Stoc 185,0	00		R	utting skip @24:0 Empty 2 OV @24:00	Ful		Total 3
2 3	6" 5	54 21 0 (	70 70 18 )	5"DP 8.0 54	5.5*DP 60	MWJ Scientis MQJ (C Telnite		15 18 1	Caustic Lime Soda A Caustic					1,05 200 575 1,07		F	La	atus ast Dive jection Skid 24:00		-	
From	То		ithology of	cuttings		Geoser SLB LV SLB Se SLB W	VD eismic	4 2 4 0	Tel-Poly XCD-Po Lignate	ymer DX / I olymer	L/H			2240 / 0 1,20 4,50 8,00	0		Flt. No. Arrive 1 09:2 2 11:5	Time ed De 5 0	9:31 2:02	Passeng Are. [ 8 3	jer Dept. 3 3
o.1	aker / Centrifu 30, 60	No.4	30, 60	#1-#3 Cent		SLB Ce AFGlob Nustar	ementing	0 2 3	Tel Clea Astex-S Deform	an W S er 30C				4,60 4,40 480	0		3 4 Safety (HSE) and o	other information			3
	30, 60 30, 60 Stock on Boa tem	No.6 ard @24:00	30, 60 30, 60 ock U:	running t sed Rec	time	Franks NOV INPEX	(Trainee)	0 1 2	Tell DD Bi-Carb Citric A Tan Ca	onate				3,20 300 1,90 210 / 1,02	0	L	TA	Last Incident 24	N	o. LTA	
resh Wat		m3 2	87.8 88.9	90.6 6.9	97.9 0.0 0.0				Telnite Treat-H Mud Se	GXL IS				504 6,94	0		Remarks				
rill Water	/ater	m3 8	93.0	17.6		Tet-'		100		a C / M / T				E00 / 500		_ I.					
orill Water uel ube, Oil leli Fuel cement "G	/ater r GWC"	m3 8 m3 1,9 Ltrs 4 Ltrs ton	893.0 904.8 7,100 0.0 60.0	47.5 500.0 0.0 0.0	0.0 0.0 0.0 0.0	Mu KNPP n	lume@24:0 d Volume (r nud (1.34-1.39	n3) 907	Tel Plug Tel Stop Barolift Driscal	D	(lbs)			500 / 500 500 / 2 1,89 0	/ 500 260		Marine Information	@24:00			
Drill Water Guel Ube, Oil Heli Fuel Cement "G Cement "G Boat Inform	/ater r GWC" G" mation @24:	m3 8 m3 1,9 Ltrs 4 Ltrs 4 ton 7 ton 7 00	893.0 204.8 7,100 0.0 60.0 30.0	47.5 500.0 0.0	0.0 0.0 0.0 0.0 0.0	Mud vo Mu KNPP n Fracseal Fracseal	d Volume (r	0 n3) 907 ) 192 ) 141	Tel Pluç Tel Stoj Barolift	p P / G D w P eal	(lbs)			500 / 2 1,89	260 260	F F	Marine Information Heave (m) Pitch (deg) Roll (deg) /essel Heading (d			0.5 0.6 0.1 070	
orill Water uel ube, Oil leli Fuel cement "G cement "G	/ater r GWC" G" mation @24: ame	m3 8 m3 1,4 Ltrs 4 Ltrs 4 ton 7 ton 7	993.0 904.8 7,100 660.0 30.0	47.5 500.0 0.0 0.0 0.0 5 ime @Chiky arted Arr 15	0.0 0.0 0.0 0.0 0.0	Mud vo Mu KNPP n Fracseal Fracseal	d Volume (r nud (1.34-1.39 (1.39sg,11ppb (1.39sg,18ppb (1.25sg,30ppb Barolift LOSS(1.37)	0 n3) 907 ) 192 ) 141 ) 109 30 47	Tel Plug Tel Stop Barolift Driscal Tel Flov Poro Se Steel So KCI NaCI Fracses Stopses	p P / G D w P eal eal 50 al				500 / 2 1,89 0 0 0 1,000 0 0 0 0 0 0 0 0 0	0	FFVFV	Heave (m) Pitch (deg) Roll (deg) /essel Heading (d Riser Tension (kN) /.D. Load (ton) Max Draught (m)			0.6 0.1 070 - 12288 9.0	
vrill Water uel ube, Oil leli Fuel cement "G cement "G coat Inforr Boat Na #8 Meiji-1 Shincho-1	/ater r GWC" G" mation @24: ame	m3 t m3 1, Ltrs 4 Ltrs 4 ton 7 ton 7 00 Status Katsuura Chikyu	993.0 904.8 7,100 660.0 30.0	47.5 500.0 0.0 0.0 0.0 5 ime @Chiky arted Arr 15	0.0 0.0 0.0 0.0 0.0 0.0 yu rived 5:00 3:30	Mud vo Mu KNPP n Fracseal Fracseal E STOP	d Volume (r nud (1.34-1.39) (1.39sg,11ppb (1.39sg,18ppb (1.25sg,30ppb Barolift LOSS(1.37) total	0 n3) 907 ) 192 ) 141 ) 109 30 47 47 1426	Tel Plug Tel Stop Barolift Driscal Tel Flov Poro Se Steel So KCI NaCI Fracses Stopses	p P / G D w P eal eal 50 al	(lbs) (lbs) (lbs)	od (s) Spee	Current d(knt) Dir.	500 / 2 1,89 0 0 0 0 1,000 0 0 0 0 0 0 0 Vi	0	FFVFV	Heave (m) Pitch (deg) Roll (deg) /essel Heading (d Riser Tension (kN) /.D. Load (ton)			0.6 0.1 070 - 12288	